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# Climate of the Frank Church-River of No Return Wilderness, Central Idaho

Arnold I. Finklin



Intermountain Research Station  
324 25th Street  
Ogden, UT 84401

## THE AUTHOR

**ARNOLD I. FINKLIN** was a meteorologist with the Inter-mountain Station's Fire Sciences Laboratory, Missoula, MT, from 1967 until his retirement from the Forest Service in 1987. His work assignments were with fire use and effects research and, earlier, with lightning research. Specializing in climatology, he holds a master's degree in atmospheric science from Colorado State University.

## RESEARCH SUMMARY

This report describes the climate of the Frank Church-River of No Return Wilderness and its vicinity, in central Idaho. This wilderness is the largest designated wilderness in the United States National Forest System. The report, with its numerous tables and graphs, is aimed toward providing information for fire management planning, other wildland management activities, and related research needs. Data have been collected and analyzed from past and present year-round climatological stations, fire-weather stations, storage precipitation gauges, snow-survey courses, and streamflow gauges. These cover varying periods of record, but averages have been adjusted where necessary to standard reference or "normal" periods.

The results show some of the elevational and other topographic effects on climate in this area of complex, rugged terrain. These effects are superimposed upon the larger scale climate, which is characterized by a Pacific-influenced moist (or snowy) wintertime regime and dry July-August summer conditions. Heaviest precipitation occurs in western portions of the wilderness, averaging 60 inches per year in some mountain locations; "rain shadow" canyon bottoms may average only 15 inches.

Afternoon temperatures observed during December-January in lower canyon areas (near 2,500 to 4,000 ft) average close to those in higher western valleys (at 5,000-6,000 ft), indicating frequent day-long inversion conditions. Summer afternoon temperatures show a definite decrease with elevation, at an overall rate of 4.0 °F per 1,000 ft. July-August midafternoon relative humidity

averages about 20 to 25 percent in the lower canyons, together with temperatures near 90 °F. The corresponding daily minimum temperatures average about 40 °F lower and, due to the frequent nighttime inversions, are similar to those at adjacent lookouts 4,000 to 5,000 ft higher in elevation. Minimum temperatures of 28 °F or lower ("killing frost") can occur on any date during the summer in some higher basinlike canyon or valley locations.

Climatic trends and fluctuations are examined, using annual and seasonal mean temperatures and precipitation totals. Though short-term fluctuations may be large, little overall trend is indicated in annual precipitation since about 1940, following a recovery from the dry 1930's. July-August precipitation, in percentage of normal, averaged exceptionally high in a recent 10-year period. Fire-weather statistics of afternoon temperature and relative humidity, if based on recent summers (1974-83), give a cooler and more moist picture than that of the longer term.

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# Climate of the Frank Church-River of No Return Wilderness, Central Idaho

Arnold I. Finklin

## INTRODUCTION

The relatively new policies of wilderness fire management (Fischer 1984), which seek to reestablish the natural ecological role of lightning-caused fire, find a large arena in the Frank Church-River of No Return Wilderness. This wilderness, in central Idaho, is the largest designated wilderness in the United States National Forest System.

This report describes the River of No Return area's weather and climate. These variables are among the important considerations in fire management planning—and in the broader realm of wildland management. The report also provides data for related research needs. The focus is on climate, which, in a statistical sense, integrates the day-to-day weather and its variations. A primary application of climatic data is in the seasonal use of prescribed fire. In addition, the data form a baseline of "normals" for studies of postfire vegetal response and other fire effects. Deviations from normal climatic conditions can greatly influence these effects. Outside of fire-related interests, climatic data may find uses in wildlife management, watershed protection, and recreational planning. In adjacent nonwilderness forest lands, the applications list also includes tree regeneration and insect and disease control.

Previous climatic references or general statements concerning the Frank Church-River of No Return area are cited by Wildesen (1982); Steele and others (1981); Patten and Oliver (1986). A more detailed climatic description has been given for the Selway-Bitterroot Wilderness (SBW), immediately to the north (Finklin 1983a). The present report follows the general scope of the SBW publication, in presenting many up-to-date, original maps, graphs, and tables portraying fire-season and year-round climatic patterns. Ten-day averages and frequency distributions are included. Detailed summary tables and station data listings are given in an appendix. Except as noted, the statistical values are those from our own calculations. All tables are numbered in order of their page appearance, whether in the main text or the appendix.

In discussing the climatic elements over the course of a year, this report will mostly follow the format of treating the elements individually (rather than combining them into a season-by-season account). A condensed climatic summary precedes the main text. The report does not include related or derived factors such as fuel moisture and fire-danger indexes. Because our objective is to present climatic information, detailed physical or technical explanations have been left to references.

For uniformity, all times given in this report are in mountain standard time (m.s.t.) and are expressed in 24-hour clock (or "military") time. A northern portion of the wilderness, north of the main Salmon River, is actually in the Pacific time zone. For conversion to daylight savings time, 1 hour is added to these times.

## DESCRIPTION OF THE AREA

Established by Congress in 1980, the Frank Church-River of No Return Wilderness, hereafter abbreviated as the "RNR" or "the wilderness," occupies an area of about 2,370,000 acres in central Idaho (fig. 1). This area is the largest of any designated National Forest System Wilderness in the United States, slightly surpassing that of the Misty Fiords Wilderness in Alaska. The RNR is nearly twice the size of the adjoining Selway-Bitterroot Wilderness to the north, which was the largest wilderness in the lower 48 States prior to 1980. The RNR covers portions of six National Forests—the Bitterroot and Nez Perce in the Forest Service's Northern Region and the Boise, Challis, Payette, and Salmon in the Intermountain Region.

The terrain is notably rugged, except for a northern plateau area. Most of the RNR lies within the Northern Rocky Mountain physiographic province (Steele and others 1981; Wildesen 1982), a complex of mountains dissected by deep, narrow canyons. The underlying rocks are largely granites of the Idaho batholith. The primary drainage within the Wilderness is that of the Middle Fork Salmon River, flowing generally northeastward to northward from near the southern boundary. The main Salmon River, flowing generally westward, cuts through the northern RNR and forms the northern wilderness boundary in the extreme east and west. Wilderness elevations range from about 2,000 ft above sea level in the extreme northwest along the main Salmon River to 9,000 to 10,000 ft on many peaks, reaching 10,340 ft atop Twin Peaks on the southeastern boundary.

The distribution of forest trees and their habitat types is, of course, governed largely by elevation and aspect, and the related climatic conditions. Details are given by Steele and others (1981), Wildesen (1982), and Patten and Oliver (1986). Generally and simply, potential climax tree species range from whitebark pine (*Pinus albicaulis*) and subalpine fir (*Abies lasiocarpa*) at relatively high elevations; to lodgepole pine (*Pinus contorta*), grand fir (*Abies grandis*), and Engelmann spruce (*Picea engelmannii*) at intermediate elevations; to Douglas-fir (*Pseudotsuga*

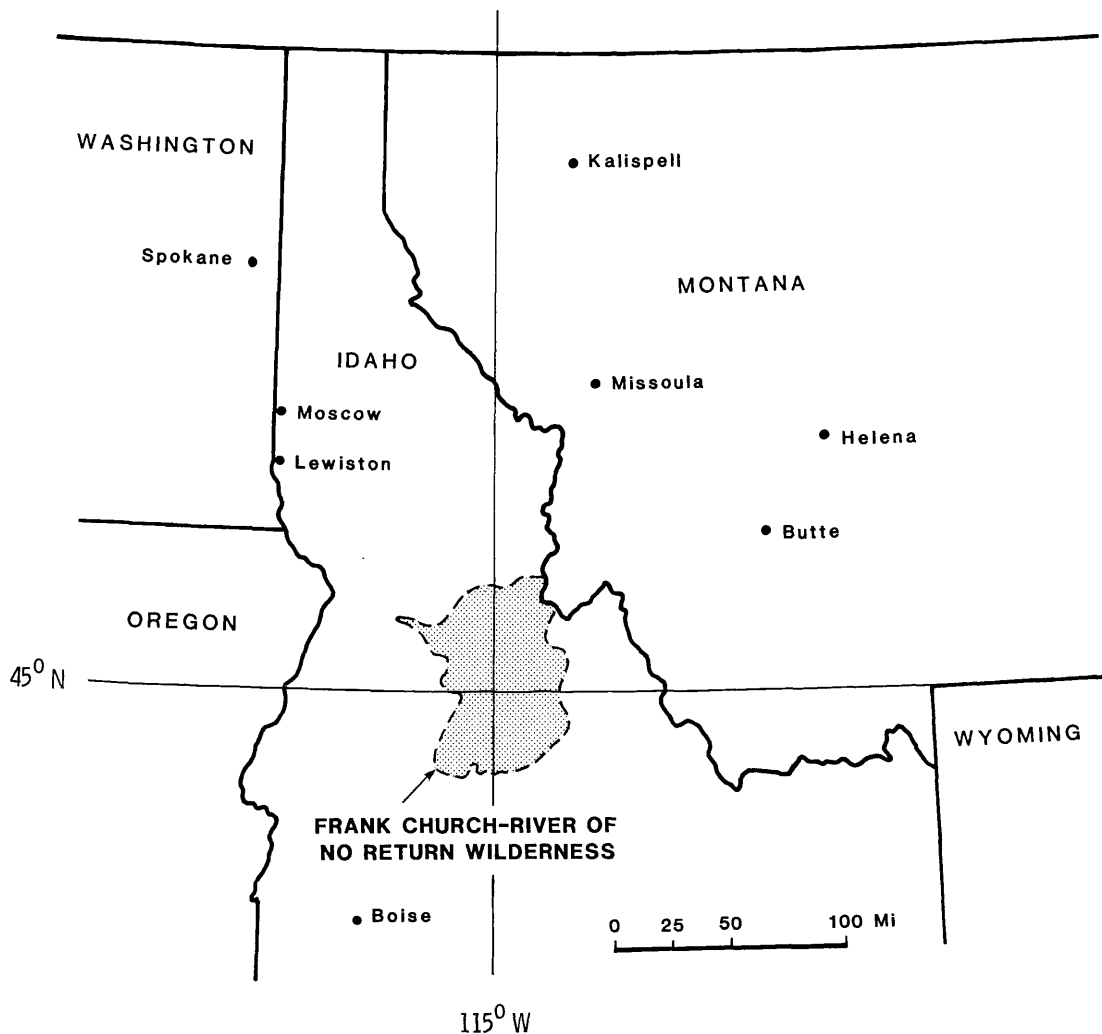


Figure 1—Location of Frank Church-River of No Return Wilderness.

*menziesii*) and ponderosa pine (*Pinus ponderosa*) at relatively low elevations—above the grassland and shrub zone of the lower canyon bottoms. Because of fire, however, these and other trees occur over a broader elevational range as seral species, together with their diverse undergrowth communities.

The entire RNR had an annual average of 75 lightning fires and 10 person-caused fires during the period 1960-83 (Patten and Oliver 1986). These averages include only two Class C fires (10 acres or larger) and one Class D fire (100 acres or larger). Considering eight geographic fire areas, most of the larger fires occurred in the main Salmon River corridor and the Middle Fork Salmon River corridor. The effect of fire suppression since 1935 was strongly evident in a comparison with historic fire occurrence inferred from a Salmon River Breaks study area (Barrett 1984).

## STATIONS, DATA, AND METHODS

Station locations providing data for this report are shown in figure 2. An alphabetical listing of stations, with additional details, is given in table 11 (appendix). The stations, past and present, represent about 110 separate locations within or adjacent to the Frank Church-River of No Return Wilderness, westward to the Snake River. The term “RNR area,” when used in our text, thus includes the wilderness and its vicinity.

The stations are of two main types: (1) the year-round climatological substations of the National Weather Service (formerly U.S. Weather Bureau) and (2) the seasonal fire-weather stations operated by the Forest Service. This report utilizes data from 29 year-round stations, 20 of these active in 1985, and 42 fire-weather stations (seven of these at year-round station sites), including 17 lookouts.

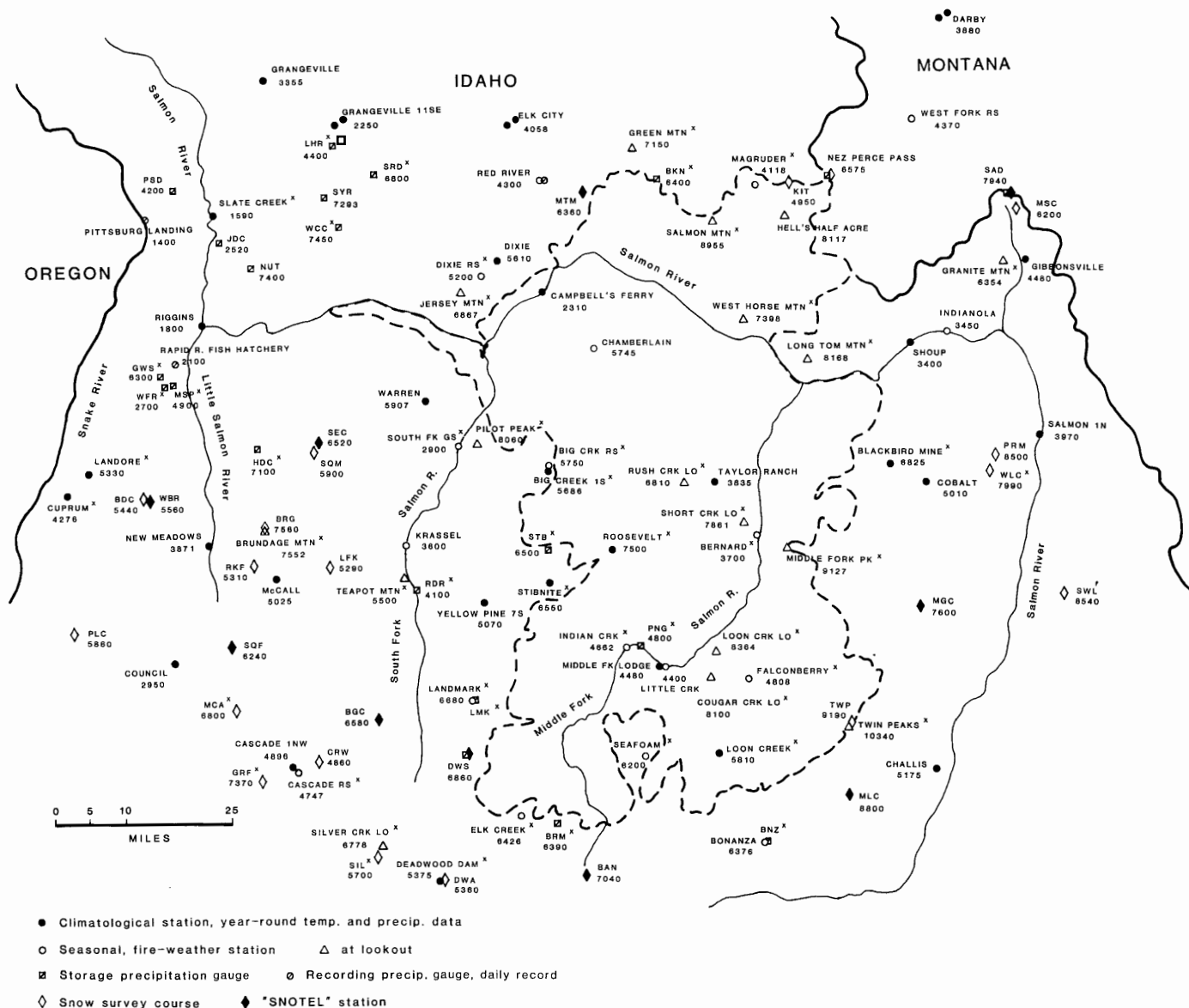


Figure 2—Locations of stations used in this report; symbols indicate type of station. Wilderness boundary shown by heavy dashed line. Numbers are station elevations, in feet. RS denotes Ranger Station; GS, Guard Station; LO, Lookout. Three-letter abbreviations, given for snow course (or SNOTEL) sites and storage precipitation gauges, are identified in table 11 (appendix). Superscript x denotes formerly existing station (closed by 1985).

Only 11 of the fire-weather stations were operating in 1985. The long-term, year-round stations are all outside the wilderness boundary.

Data for the year-round stations, reporting daily maximum and minimum temperatures and precipitation, were obtained and tabulated mostly from publications of the U.S. Weather Bureau and its successor agencies. These publications are U.S. Weather Bureau (1936, 1937, 1958a, 1964), National Oceanic and Atmospheric Administration (1982), and monthly and annual issues of "Climatological Data" State summaries for Idaho. Additional data sources were microfiche copies of original observation forms, available from the National Climatic Center, Asheville, NC, and magnetic tapes from the State Climatologist, Moscow, ID.

Most of the fire-weather data were accessed from the National Fire-Weather Data Library (NFWDL), Fort Collins, CO (Furman and Brink 1975), and from original forms for the Northern Region stations, filed at the Intermountain Fire Sciences Laboratory (IFSL). The NFWDL archives, on magnetic tape, go back only to 1964 for Intermountain Region stations; to 1954 for Northern Region stations. Some earlier data printouts for Intermountain Region stations were found at IFSL—remnants of a past fire-danger study, and data from stations of the 1930's were extracted from annual reports by Hanna (1933, 1935-39). Inquiries and searches elsewhere for additional pre-1964 Intermountain Region data proved futile; boxes containing the original observation forms had apparently been discarded less than 1 year earlier.

Fire-weather observations were for many years taken in mid- or late afternoon—near 1600 (4 p.m.) m.s.t. during the 1950's and 1960's—but have since been moved ahead to 1300 (1 p.m.). This change, conforming to new national standards, occurred in the late 1960's in the Intermountain Region and in 1974 in the Northern Region. The change has adversely affected data consistency and representativeness, as shown later.

This report also includes data from storage precipitation gauges, including those in or near the Gospel Hump Wilderness northwest of the RNR, and snow-survey courses; some of these courses are now SNOTEL (snow telemetry) sites. The storage gauge data, consisting generally of annual measurements, were obtained from "Storage Gage Precipitation Data for the Western United States" (discontinued in 1977) and annual hydrometeorological data summaries issued by the Nez Perce National Forest. Snow-survey data, giving snowpack depth and water content, were obtained from Soil Conservation Service and Idaho Department of Water Resources (ca. 1980) and the Soil Conservation Service's monthly "Water Supply Outlook" for Idaho. The SNOTEL data, giving cumulative precipitation in addition to snowpack water content, were provided by the USDA Soil Conservation Service office in Boise, ID. These data cover only 5 years, commencing in water year (October-September) 1982.

Streamflow or runoff data presented for several drainages were obtained from Water Supply Papers of the USDI Geological Survey (USGS) and from the USGS office in Boise, ID. Sources of additional data are identified within the main text.

## Treatment and Analysis of Station Data

The fire-weather and year-round climatic data were checked for errors and missing values. At some stations in the NFWDL files, actually missing days of data were found to contain repeated data from preceding days. Using backup records and comparisons with adjacent stations, highly suspect daily and monthly values were corrected, replaced with estimates, or discarded. Estimates were made for missing precipitation (and snowfall) amounts; also for many missing temperature and humidity values.

Following this cleanup phase, the fire-weather data were summarized by use of computer programs described by Bradshaw and Fischer (1984). The programs were also run for the climatic stations on the previously mentioned tape. Many resulting tables are presented in the appendix of this report.

For the climatic values used in our figures and text, the averages from short and differing periods of station record were adjusted to identical longer term or "normal" periods of record. This adjustment, described by Landsberg (1958) and Finklin (1983b), employs the "difference method" for temperature and relative humidity and the "ratio method" for precipitation. These methods also aided in our estimates for missing data. Generally, data from three to five adjacent stations with observed or previously adjusted normals were used in each adjustment calculation (examples are given in tables 12 and 13, appendix). The use of at least several adjacent

stations was found advisable to help reduce or smooth out adjustment errors resulting from data inconsistencies among individual stations. Adjacent stations were often not ideally located for adjustments in the RNR area, and station records are subject to nonhomogeneity (Conrad and Pollak 1962; Finklin 1983b). Nonhomogeneity is commonplace at long-term climatic stations, where changes in location or surroundings and daily observation time can disrupt comparability with earlier data. Changes in station location are documented to about 1955 by the U.S. Weather Bureau (1958b) and are also given in the annual "Climatological Data" State summaries for 1950 through 1972.

The normals for monthly temperatures and precipitation in this report are based on an international-standard 30-year period, which is currently 1951-80. Assuming there is no trend from climatic change or nonhomogeneous data, this period affords a relatively stable baseline, balancing out many of the shorter term variations. Actually, a longer, 50-year period may be desirable for precipitation (World Meteorological Organization 1967) but was not feasible for use here.

Because of the limited data availability for Intermountain Region stations, our afternoon fire-weather averages are based on the 20 years 1964-83. For comparison, 1951-70 averages at several Northern Region stations are also shown. Not ideal, the 1964-83 period contains a mixture of 1600 and 1300 m.s.t. data, explained earlier; this mixture is about equally divided at Northern Region stations. As shown later, the second half of this period, 1974-83, had a relatively moist, unrepresentative summertime (July-August) regime; this was balanced somewhat by drier, warmer conditions during 1964-73.

## CONDENSED SUMMARY OF THE CLIMATE

Average annual precipitation (rain and melted snow) within the Frank Church-River of No Return Wilderness ranges from about 15 to 17 inches at eastern and southern canyon bottom locations to 50 to 60 inches or more over some of the western mountain area. The heavier amounts are favored by terrain-enforced uplift of moist airflow, typically from a southwesterly or westerly quarter. Annual amounts are as low as 7 to 10 inches along the Salmon River east of the wilderness. They average near 30 inches at 5,000- to 6,000-ft climatic stations in valleys and canyons outside the western edge.

Snowfall contributes more than 50 percent of the total precipitation at elevations above approximately 5,000 ft. The average annual snowfall ranges from about 40 to 50 inches in the eastern lower canyons to near 200 inches in some of the higher western canyon and valley areas, and perhaps 400 to 500 inches in the wettest mountain areas. The season of continuous snow cover likewise varies greatly. Average seasonal maximum snow depths in the above three areas are about 15 inches, 45 to 55 inches, and 100 inches or more, respectively. The maximum depths are usually reached in January, February-March, and March-April, respectively.

December and January are generally the cloudiest and wettest (snowiest) months within the wilderness. (An ex-

ception is noted in the following paragraph.) These months have precipitation averages of about 1.5 to 2.0 inches in the eastern and southern canyons, near 4.0 inches in the higher western canyons and valleys, and 8.0 to 9.0 inches or more in the wettest mountain areas. The two canyon areas at this time of year receive daily precipitation  $\geq 0.10$  inch on an average of 5 to 6 days and 10 to 11 days, respectively, per month. Sunshine duration in December at wilderness locations is estimated to average only about 25 to 40 percent of the maximum possible.

May and June are normally the wettest months in some lower canyon areas, particularly along the main Salmon River. Elsewhere, these two months present a secondary peak in precipitation or an interruption of a springtime decline. At wet mountain locations, the decline continues but May-June precipitation is still substantial. The May and June monthly averages are mostly 2.0 to 3.0 inches, but are closer to 1.5 inches in southern canyon-bottom areas.

Precipitation normally decreases greatly in July, with monthly averages between 0.6 inch and 1.0 inch over a wide area; a slight increase follows in August. Only slightly higher July-August amounts are indicated at lookout locations. The frequency of daily amounts  $\geq 0.10$  inch averages about 3 days per month. A recent exception to the July-August dryness occurred in 1983, with a 2-month total of 7.0 inches at Middle Fork Lodge.

In line with the precipitation, average cloudiness is at a minimum in July-August. About 15 to 20 days per month may be classified as clear (daytime cloud cover averaging 0 to 3 tenths). Sunshine duration is estimated to average near 75 to 85 percent of the maximum possible.

The main season of lightning (or thunderstorm) activity extends from May to September, with peak occurrence in June, July, and August. Across the wilderness, the average July-August (2-month) storm frequency within a 20-mile radius ranges from about 10 days in the southwest to 16 days in the northeast. About 60 percent of the July-August storms begin during the 6-hour period 1200-1759 m.s.t. Past lightning counts at lookouts indicate a Lightning Activity Level of 5 (as defined in the National Fire-Danger Rating System) in about 15 percent of the storms.

Temperatures normally average lowest in January and highest in July. The January monthly means (arithmetic averages of the daily maximum and minimum values) range from about 22 to 28 °F in the lower canyons, though much higher to the west at Riggins; from 18 to 21 °F in the 5,000- to 6,000-ft canyons and valleys. The July means range from about 67 to 73 °F and 57 to 63 °F, respectively; the overall annual means, 44 to 50 °F and 37 to 41 °F.

The average maximum temperatures are within a generally narrow range in January, about 30 to 35 °F, indicating daytime temperature inversions in the sheltered lower canyons. July average maximums reach the upper 80's to lower 90's in these canyons; the upper 70's to lower 80's at 5,000 to 6,000 ft. The average diurnal temperature ranges are near 40 °F at many locations in July-August, but they are closer to 20 to 25 °F at lookouts and slope locations, above the cool nighttime inversion layers. July-August afternoon temperatures show an overall decrease with elevation, at an average rate of 4.0 °F per 1,000 ft.

Maximum-temperature extremes since 1930 have ranged from about 105 °F to at least 114 °F in the lower canyons; 95 to 100 °F in 5,000- to 6,000-ft canyon and valley areas. Minimum temperatures have reached about -20 to -30 °F and -35 to -50 °F, respectively.

The season between "killing frosts," as defined by minimum temperature occurrences of 28 °F, is practically nonexistent in some of the higher basinlike canyon and valley locations. Elsewhere near 5,000 ft, the season may average more than 100 days (106 days observed at McCall). In the lower canyon bottoms, the average season ranges mostly from about 140 to 180 days.

Relative humidity, tending to vary inversely with temperature, averages highest near dawn and lowest around midafternoon. Average afternoon values are highest in December-January, generally about 65 to 80 percent, depending on location; lowest in July-August, reaching below 25 percent in lower canyon areas and near 40 percent at 8,000-ft lookouts.

A change in fire-weather observation time in the late 1960's or early 1970's, from 1600 to 1300 m.s.t., has resulted in somewhat higher observed humidity than that in midafternoon. This factor, together with a relatively cool, moist summer regime during 1974-83, brought 10-year afternoon humidity averages 5 to 10 percentage units higher than those in preceding 10- and 20-year periods.

The frequency of early afternoon humidity below 15 percent at a lower canyon location holds steady during mid-May through mid-June, at about 6 percent, rises to 30 percent or higher during late July-early August, and returns to 5 percent around late September.

Nighttime relative humidity probably reaches an average of 90 percent or higher by dawn throughout the year at many sheltered canyon and valley locations. Much lower summer nighttime values, averaging near 60 percent, may occur at locations with less nighttime cooling, particularly on exposed ridges and slopes.

The large-scale wind flow, generally from the west or southwest throughout the year, undergoes much modification by local topography. Wind directions in canyon areas are often constrained by the canyon orientation. Directions may reverse from upcanyon during daytime to down-canyon at night.

In the overlying free atmosphere, average windspeeds are generally highest in winter and lowest in summer. Wintertime speeds may average 15 to 20 mi/h on well-exposed peaks. Sheltered canyon and valley areas may have their lowest average speeds in autumn and winter, about 5 mi/h, and highest average speeds in spring or summer.

Midafternoon windspeeds during July-August average generally between 7 and 9 mi/h in the canyons; up to 10 to 13 mi/h at lookout locations. Highest recorded summer afternoon speeds (10-minute averages at observation time), during a 20-year period reached about 25 to 30 mi/h in the canyons; about 30 to 35 mi/h at lookouts. Stronger winds may occur at other times of day and over shorter durations. The winds are generally lighter at night in the canyons and valleys, becoming calm in sheltered locations. Nighttime wind increases may often occur on openly exposed mountaintop terrain.

A statistically significant persistence tendency is shown, in 55 years of data at McCall, between late spring (May-June) and summer (July-August) average maximum temperatures. These temperatures, expressed relative to normal, may indicate the generally clear, dry (or cloudy, moist) character of the 2-month periods. No persistence is shown between monthly or seasonal precipitation totals.

## DETAILS OF THE CLIMATE

### Climatic Controls; Broad Weather Patterns

Climatic conditions in this central Idaho area, as elsewhere, are governed by a combination of large-scale and small-scale factors. Among the large-scale factors here are latitude, position on the North American continent, prevailing hemispheric wind patterns, and extensive mountain barriers to the west and east. Small-scale or local factors include the topographic setting and position (canyon, slope, or ridge location), as well as vegetation cover (Oke 1978; Schroeder and Buck 1970). Elevation as a factor has both regional and local components.

The average large-scale airflow in the "free atmosphere," at about 10,000 ft and higher, is from a generally westerly (WNW to WSW) direction throughout the year (Finklin 1986). Important day-to-day and year-to-year variations from this pattern lead to the variety of weather and its anomalies that enter into climatic statistics. The main belt of westerlies aloft retreats northward into Canada in summer, and the primary storm tracks are likewise displaced (Schroeder and Buck 1970).

Broadly, the climate of the RNR area has aspects of both a northern Pacific coastal type and a continental type (Blair 1942). The Pacific influence is noted particularly by a late autumn and winter maximum in cloudiness and

precipitation over most of the area, though this is further influenced by the mountainous topography. Summer and early autumn are generally sunny and dry, with July and August the peak fire-season months.

### Cloudiness and Sunshine

As just indicated, the period November through February is normally the cloudiest time of year in the RNR area; July-September, the clearest. The adjacent National Weather Service (NWS) stations at Missoula, MT, and Lewiston and Boise, ID, have averages of only 3 to 5 clear days per month during the late autumn-winter period (table 1). Clear days are defined by average sunrise-to-sunset cloud cover, of any type, between 0 and 3 tenths. The corresponding frequency of cloudy days, averaging 8 to 10 tenths cloud cover, peaks at 21 to 25 days in December-January.

Past data from the climatic substations (table 1), however, show several more clear days per month and fewer cloudy days. This is found at the wetter, west-side locations at McCall and Deadwood Dam, as well as the drier east-side locations at Challis and Salmon. Some of the difference may arise from classification of days with high, thin (cirrus-type) clouds, through which the sun can shine, but at least part is apparently true (Benedict 1986). The adjacent NWS stations are sometimes covered by a low-lying cloud layer while the sun is shining at higher elevations.

The monthly average number of clear days increases slowly during spring, then rises sharply to about 15 to 20 days in July-August.

The average annual pattern of sunshine occurrence observed at Boise and Missoula (fig. 3) shows seasonal trends generally following those of cloudiness. The sunshine durations, in percentages of the maximum possible,

**Table 1**—Monthly average number of days, sunrise to sunset, observed as clear (0-3 tenths cloud cover) and cloudy (8-10 tenths cloud cover), RNR vicinity. For indicated periods of record at adjacent airport (AP) stations.<sup>1</sup> Numbers at other locations are based on 1929-48 data adjusted to same period as at Boise, ID, 1940-81, except as noted<sup>2</sup>

| Station                     |        | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|-----------------------------|--------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| ----- Numbers of days ----- |        |      |      |      |      |     |      |      |      |       |      |      |      |
| Boise AP                    | Clear  | 5    | 4    | 6    | 7    | 8   | 12   | 21   | 19   | 17    | 12   | 6    | 5    |
|                             | Cloudy | 22   | 17   | 17   | 15   | 12  | 8    | 3    | 5    | 6     | 10   | 17   | 21   |
| Missoula AP                 | Clear  | 3    | 2    | 3    | 4    | 5   | 6    | 16   | 14   | 10    | 7    | 3    | 2    |
|                             | Cloudy | 24   | 21   | 22   | 20   | 17  | 15   | 5    | 8    | 12    | 17   | 23   | 25   |
| Challis                     | Clear  | 8    | 7    | 8    | 8    | 8   | 9    | 14   | 14   | 13    | 11   | 9    | 8    |
|                             | Cloudy | 12   | 8    | 8    | 9    | 10  | 9    | 7    | 8    | 7     | 9    | 10   | 11   |
| Deadwood Dam                | Clear  | 8    | 6    | 7    | 8    | 9   | 10   | 17   | 15   | 13    | 11   | 8    | 7    |
|                             | Cloudy | 20   | 18   | 18   | 17   | 16  | 15   | 7    | 9    | 10    | 13   | 17   | 19   |
| McCall                      | Clear  | 9    | 8    | 9    | 11   | 12  | 13   | 20   | 18   | 16    | 13   | 9    | 8    |
|                             | Cloudy | 18   | 14   | 14   | 12   | 11  | 10   | 4    | 6    | 8     | 10   | 15   | 18   |
| Salmon                      | Clear  | 7    | 6    | 8    | 9    | 10  | 12   | 18   | 17   | 15    | 12   | 8    | 7    |
|                             | Cloudy | 17   | 12   | 12   | 11   | 10  | 7    | 5    | 6    | 7     | 10   | 14   | 16   |
| Loon Creek <sup>3</sup>     | Clear  | 10   | 9    | 11   | 8    | 8   | 11   | 14   | 13   | 13    | 15   | 12   | 11   |
|                             | Cloudy | 15   | 13   | 13   | 14   | 15  | 12   | 8    | 9    | 11    | 9    | 13   | 15   |

<sup>1</sup>Data based on hourly observations; all types of clouds included.

<sup>2</sup>Numbers are not strictly comparable with those at airport stations; may not include high, thin cloudiness. Adjusted with aid of Boise 1929-48 data.

<sup>3</sup>As observed during indicated period.

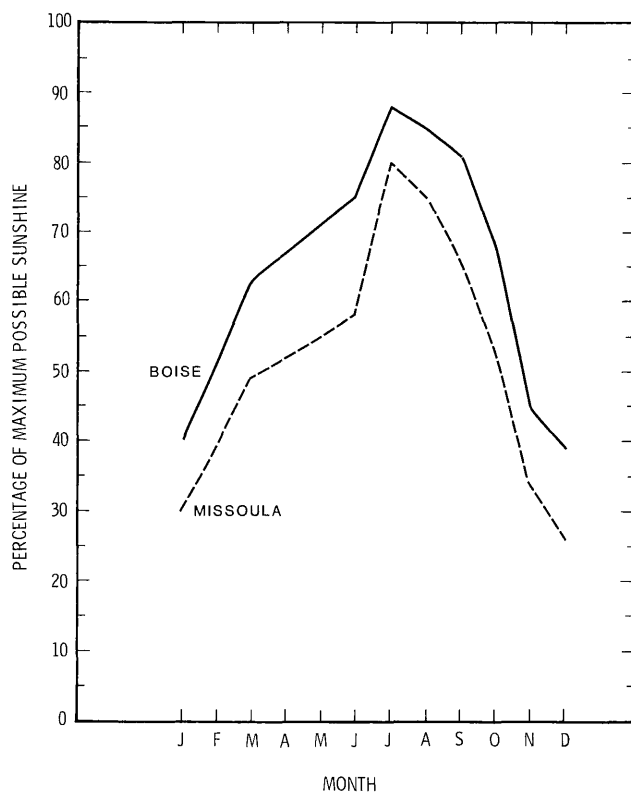


Figure 3—Monthly average percentage of maximum possible sunshine duration, observed at National Weather Service airport stations adjacent to RNR. Based on period 1940-81 at Boise, ID; 1945-81 at Missoula, MT.

are independent of the seasonally changing length of daylight. At 45° N. latitude, this length (sunrise to sunset) varies from 8.8 hours in late December to 15.6 hours in late June. Sunshine durations over the RNR area should lie approximately within the range shown in figure 3, but greater late autumn-winter values are possible over parts of the area—in line with the apparent differences in cloudiness. Summer sunshine durations may be reduced over higher mountain terrain, particularly toward the north and east.

Sunshine at wilderness locations is thus estimated to average mostly between 25 and 40 percent of the maximum possible in December-January; about 75 to 85 percent in July, slightly less in August. The equivalent monthly total hours of sunshine in a hypothetical flat, open location ranges from about 70 to 110 in December to 350 to 400 in July. Maps by the Environmental Science Services Administration (ESSA) (1968) and Baldwin (1973) show lower sunshine duration values.

Incoming solar radiation (insolation)—the solar energy received with sunshine and also through cloud cover—likewise varies considerably with time of year. The ESSA (1968) maps and Bryson and Hare (1974) indicate that average insolation may range from about 110 to 130 langley (gm-cal/cm<sup>2</sup>)/day in December to 630 to 670 langley/day in July. These values, for measurements by a standard Eppley pyranometer, include both the direct-beam radiation and the diffuse radiation (Reifsnyder and Lull 1965; Schroeder and Buck 1970). The values are those for a horizontal, unobstructed surface. A general increase in solar radiation with elevation (Barry 1981; Geiger 1965), and effects of slope and aspect (Buffo and others 1972; Finklin 1983a), will modify the base values.

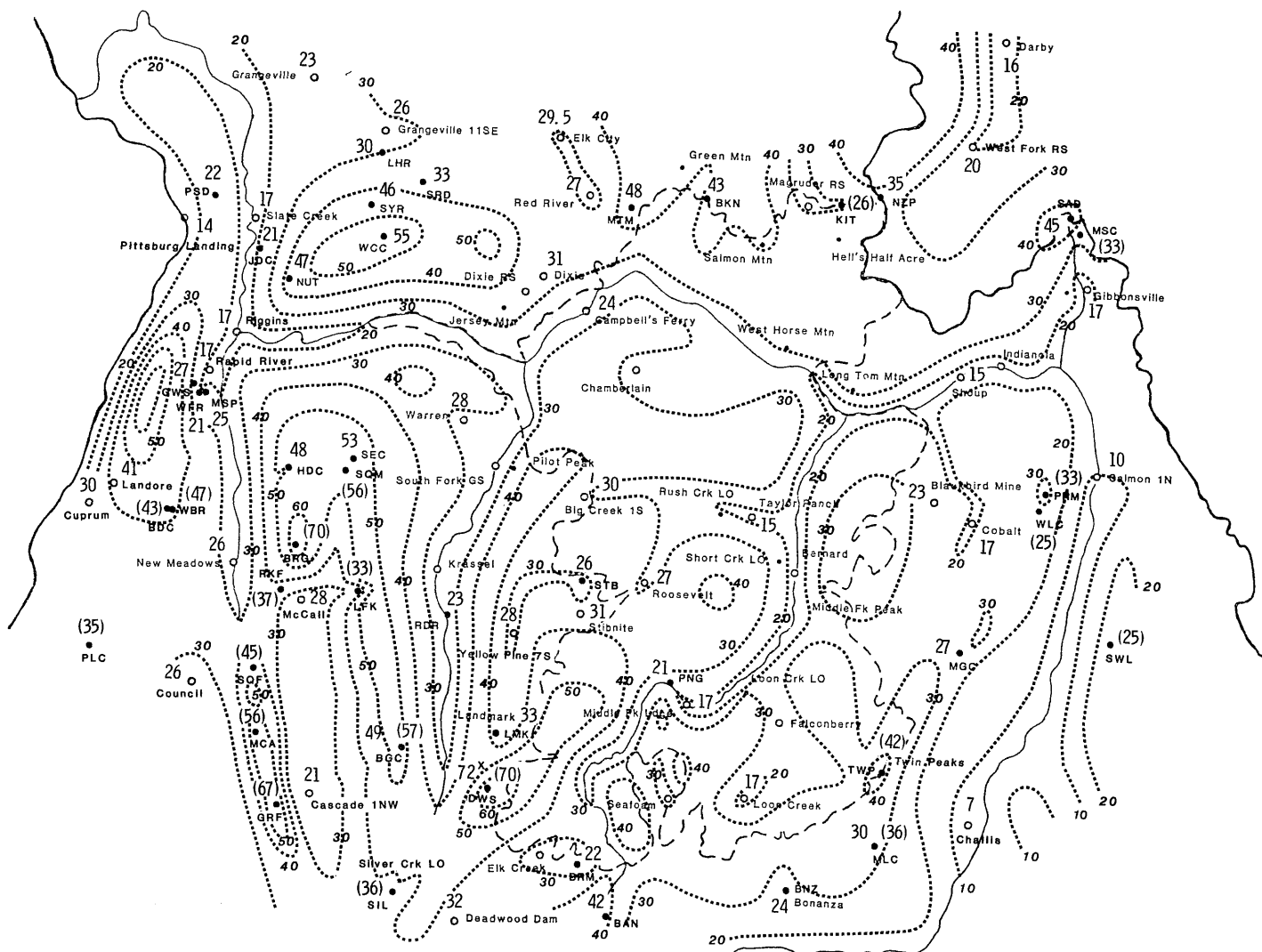


Figure 4—Average annual precipitation, inches, in or near RNR. Based on or adjusted to 1951-80 normal period. Number in parentheses is annual estimate based on snowpack data. Superscript x (at Deadwood Summit) denotes observed 28-year average from former storage gauge, 1948-76; indicated normal at present SNOTEL station (adjusted 1982-86 average) is only about 55 inches. Dashed lines (isohyets), drawn and labeled at 10-inch intervals, are fitted to data and general topography; pattern is smoothed and approximate.

## Precipitation; Snowfall

### ANNUAL PRECIPITATION

As indicated in figure 4, normal annual precipitation (rain and melted snow) within the RNR boundary ranges from about 15 to 17 inches at eastern and southern canyon-bottom locations, even at a 5,800-ft elevation, to 50 to 60 inches or more over some of the western mountain area. Such high amounts are observed at adjacent storage gauge and SNOTEL stations, which are located near road summits. Amounts average between 28 and 33 inches at the high-valley, 5,000- to 6,000-ft climatic stations outside the western edge of the wilderness. These stations include McCall and Dixie. To the east, averages are down to 7 to 10 inches along the main Salmon River, as at Challis and Salmon. The precipitation lines (isohyets) shown in figure

4 represent only a smoothed, approximate pattern, due to the complex topography and scattering of data points. A more detailed line pattern has been constructed on unpublished map overlays at the University of Idaho, as described by Warnick and others (1981).

The generally heavier precipitation amounts over the western portion are favored by terrain-enforced uplift of moist airflow, typically from a southwesterly or westerly quarter during storms. Drier areas are influenced by descending air motion, both locally, as in deep canyons, and in the lee of the major mountain complex. Considering the entire area mapped in figure 4, there is a low correlation between annual precipitation and elevation. Over separate portions of the area, however, precipitation does generally increase with elevation, with the increase (or downward decrease) noteworthy along some slopes.

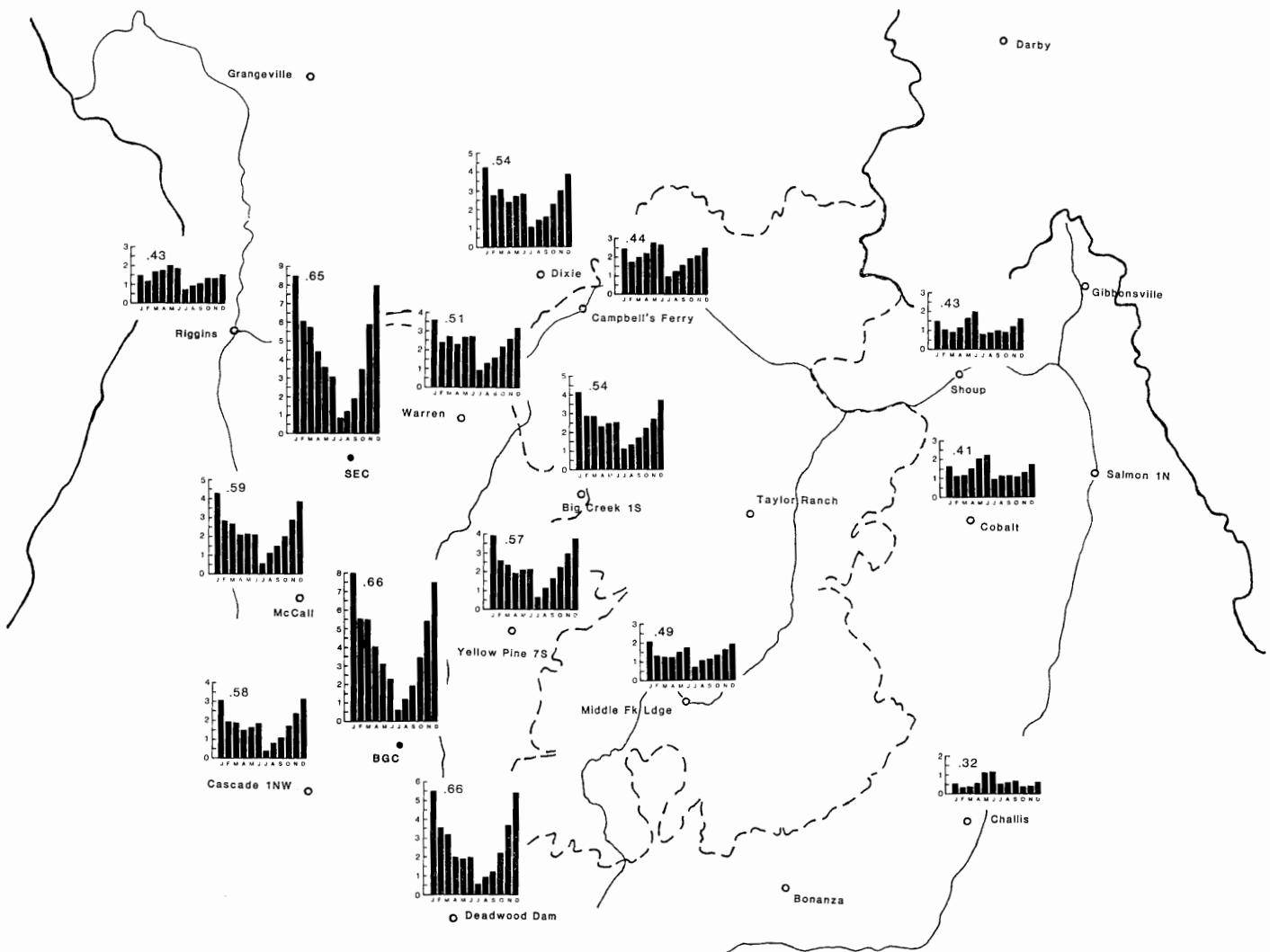


Figure 5—Average monthly precipitation, inches; annual regime. Based on or adjusted to period 1951-80. Numbers above graphs are ratios of 5-month November-March total to annual total.

## MONTHLY DISTRIBUTION

In the RNR area, the 5-month period November through March contributes about 65 percent of the annual total precipitation at the wettest locations; 55 to 60 percent at places like Dixie and McCall; near 45 to 50 percent in the canyon bottoms. As detailed in figure 5 and table 14 (appendix), over most of the area January normally has the heaviest monthly precipitation, with December a close second. Exceptions occur mainly in the drier eastern portion, where May and June are normally wettest.

The January averages within the wilderness range from about 1.5 inches to 9.0 inches or more. The high-valley climatic stations to the west receive about 4.0 to 5.0 inches; Challis and Salmon, to the east, 0.6 to 0.8 inch.

Following a decline through early spring, precipitation normally increases or levels off in late spring (May-June) at all but the wettest locations (where the decline continues). May and June monthly averages are mostly 2.0 to 3.0 inches; closer to 1.5 inches in southern canyon bottoms. A large decrease follows in July, normally the driest

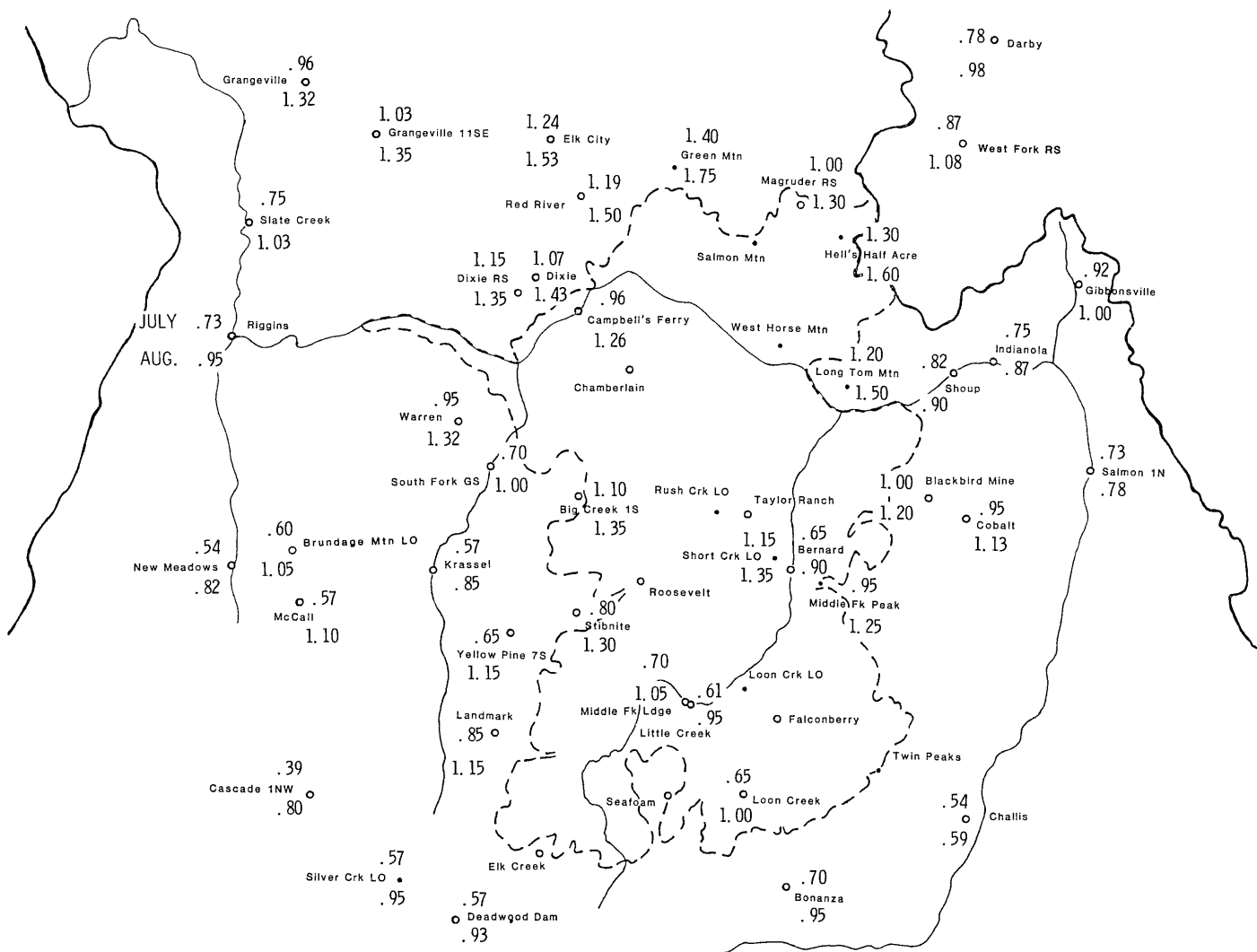


Figure 6—Average precipitation, inches, during July (top number) and August (bottom number). Based on or adjusted to period 1951-80.

month. Portrayed further in figure 6, the July precipitation averages (1951-80 normals) are mostly between 0.6 and 1.0 inch throughout the wilderness canyon and valley areas, with highest amounts near the northern boundary. The August averages show an increase of a few tenths of an inch. Only slightly higher July-August amounts are indicated at lookout locations. A further slight increase generally occurs in September, initiating a more pronounced autumn increase in the wetter areas.

To indicate the year-to-year variations that have occurred at moderately wet locations, table 15 (appendix) lists the monthly precipitation amounts for each year of record at several stations. These stations are McCall, with data continuing from 1917, and Dixie and Deadwood Dam, with 30- to 40-year periods of record.

Monthly and 10-day statistical summaries are given for McCall and seven other stations in table 16 (appendix). The available periods of record are only about 20 years at some of these stations.

## ANNUAL AND MONTHLY EXTREMES

As shown in table 15 (appendix), McCall has had observed annual (calendar-year) precipitation ranging from 13.87 inches in 1935 to 36.70 inches in 1982—or from 50 to 131 percent of the present normal of 28 inches. Before its station closure in 1974, the Deadwood Dam locale had a range from 19.42 inches in 1935 to 49.82 inches in 1970, or from 60 to 155 percent of its estimated 32-inch normal. Much drier Challis to the east, with a normal of 7.4 inches, received only 2.62 inches in 1935 and a maximum of 11.25 inches in 1983; the equivalent range is from 36 to 152 percent.

The former standpipe storage gauge at Deadwood Summit, read yearly in July and averaging 72 inches, caught 115 inches in the 1973-74 season. Its 28-year minimum was 51 inches in 1974-75.

Highest monthly precipitation totals at McCall have exceeded 8.0 inches in November, December, and January,

with an extreme of 9.25 inches in November 1973. Deadwood Dam received 16.61 inches in December 1964 and has also had more than 10.0 inches in January and February. The highest observed monthly total at Challis occurred in June, 3.83 inches in 1963, though December 1964 was close behind with 3.72 inches. These stations have had zero or trace precipitation totals during summer months, as in both July and August 1969 at McCall; also during the phenomenally dry September and October 1987, when McCall's 2-month total was 0.01 inch.

## DAILY PRECIPITATION

Frequencies of various daily (24-hour) precipitation amounts are shown in table 17 (appendix). The monthly trend of such frequencies for two threshold amounts is depicted in figure 7, combining data from two groupings of stations. The plotted values are roughly those for the current normal period. Measurable precipitation,  $\geq 0.01$  inch, occurs on close to one-half of the December and January days at higher western valley or canyon locations. Here, amounts  $\geq 0.10$  inch occur on about one-third of the December and January days. The monthly frequencies appear well correlated with monthly average precipitation, showing the late spring (May-June) plateau and the sharp decrease in July.

At the drier, lower canyon stations, the corresponding frequencies average 10 to 15 percentage units lower than in the wetter western area during late autumn through early spring. The frequencies for the two station groups become practically identical in the dry summer months. The percentages (fig. 7) indicate precipitation amounts

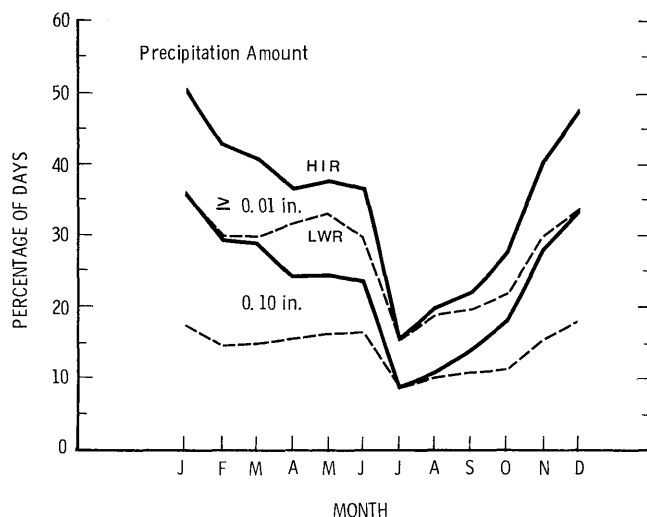


Figure 7—Monthly percentage frequency of days with observed daily (24-hour) precipitation equal to or greater than 0.01 inch and 0.10 inch; averages for two groupings of stations. HIR denotes higher valley or canyon location near west edge of RNR, average annual precipitation about 30.0 inches; data from McCall (1951-81), Big Creek 1 S (1949-67), and Dixie (1962-81). LWR denotes lower canyon location, average annual precipitation about 16.0 inches; data from Riggins (1951-80), Middle Fork Lodge (1971-81), and Shoup (1966-81).

$\geq 0.01$  inch on an average of 5 days during July; amounts  $\geq 0.10$  inch on 2 to 3 days.

Daily precipitation  $\geq 1.00$  inch occurs on an average of generally 2 to 3 days per year at moderately wet locations, such as Dixie and McCall. It occurs on 4 or 5 days at Deadwood Dam (data from Pacific Northwest River Basins Commission 1968). These days are most frequent in winter (table 17, appendix). At drier locations such as Middle Fork Lodge and Riggins, 1.00-inch occurrences average less than once per year.

Extreme daily amounts have reached 2 to 3 inches at some of the available stations, during varying periods of record. The greatest noted, for a fixed 24-hour observational period, is 3.07 inches at Deadwood Dam in December 1941 (above reference). Big Creek recorded 2.62 inches in December 1964; McCall, 1.90 inches in January 1956. Record extremes have occurred at other times of year at some locations, with 2.49 inches at Riggins in July 1978; 2.45 inches at Warren in October 1962; 2.45 inches near Yellow Pine in September 1970. Two-day totals have reached 5.09 inches at Deadwood Dam and 3.42 inches at McCall. Miller and others (1973) estimate 25-year, 24-hour extremes as high as 4.0 inches over part of the western wilderness terrain.

## PRECIPITATION DURING THE FIRE SEASON

Some precipitation details covering the official May-October fire season are given in figure 8, using 10-day resolution. The irregularity shown in the graphs has been found by the author for other parts of Idaho and Montana, even with 50 years of data; much is probably an accidental, or random, effect.

The broader features (fig. 8, lower panel) show the normally substantial springtime precipitation, which peaks in early June. At this time, the two-station, Dixie and McCall 10-day average is near 0.95 inch. The ensuing decline in July average precipitation appears to be somewhat abrupt, particularly at such wetter locations. The Dixie-McCall 10-day average decreases about 0.40 inch from June 21-30 to July 1-10. The resulting July amounts in figure 8 are nearly similar to those depicted for the usually drier locations (represented by Riggins-Shoup), though there is a noticeable difference between the individual Dixie and McCall averages (fig. 6). A minimum averaging near 0.20 inch is reached during July 21-31. After a peculiar spike in mid-September, the main, steady autumn increase at the wetter locations begins in early October. Only a slight autumn increase occurs at the drier locations.

Although July-August precipitation is normally light, exceptions have occurred, particularly in more recent years. As extreme examples, the 2-month totals reached 7.01 inches at Middle Fork Lodge in 1983; 6.60 inches at Yellow Pine (7 S) in 1983; 5.68 inches at McCall in 1976; 5.66 inches at Riggins in 1978.

Frequencies of selected precipitation amounts (fig. 8, upper panel) follow the same general pattern as the 10-day average precipitation. These frequencies, and the averages, may give only an approximation of probable values for future periods of years. With this qualification, the chance of 24-hour precipitation  $\geq 0.10$  inch holds rather steady during April through early June, averaging about

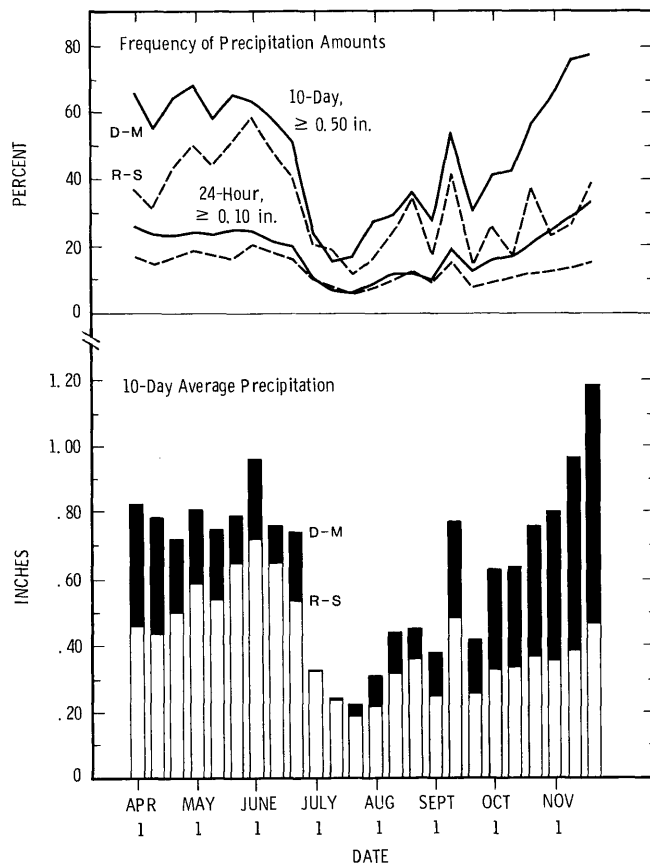


Figure 8—Ten-day average precipitation (bottom panel) and frequency of indicated 24-hour and 10-day amounts (top panel); based on period 1951-80. Shown for wetter and drier locations by two-station averages; for Dixie and McCall (D-M), shaded bars and solid lines, and Riggins and Shoup (R-S), open bars and dashed lines. Shoup 1951-80 values were estimates derived from 1966-81 data.

18 and 25 percent, respectively, for the drier and wetter station pairs. These chances converge to a minimum of about 7 percent during mid-July through early August. They diverge again during autumn, like the two sets of average precipitation amounts. The chance of 0.10 inch or more returns to above 25 percent at the wetter locations in early November.

Figure 9, based on data from four stations, further indicates a high correlation between a 10-day period's average precipitation and the frequency of 0.10-inch daily precipitation. Given the 10-day average, figure 9 may be used to estimate the climatic probability of a "wetting" rain during any portion of the fire season at other locations in the RNR.

## SNOWFALL

Average annual snowfall in the RNR area (fig. 10) generally shows an increase with elevation and annual precipitation (fig. 4). The snowfall values represent sums of the observed daily snow accumulations, ideally measured before any reduction—by settling, melting, or wind action—occurs. Accuracy in the measurement or estimation task will vary among stations.

In the wilderness lower canyons, the average snowfall ranges from about 40 to 50 inches in the east and south to about 70 inches in the Campbell's Ferry area in the northwest. The snowfall decreases farther west along the main Salmon River, down to 10 inches at Riggins outside the wilderness. Snowfall is also scanty along the Salmon River east of the wilderness, down to 20 inches at Challis. Amounts at moderately wet locations in the west, near 5,000 to 6,000 ft, may approach or exceed 200 inches. For example, the 1951-80 average is 171 inches at McCall; 237 inches at Dixie. Annual snowfall at wettest locations, with about 60 inches precipitation, may average close to 500 inches.

Snowfall contributes more than 50 percent of the annual total precipitation at elevations above approximately 5,000 ft (fig. 11), excluding the dry Challis area east of the wilderness. The contribution may reach 70 percent at about

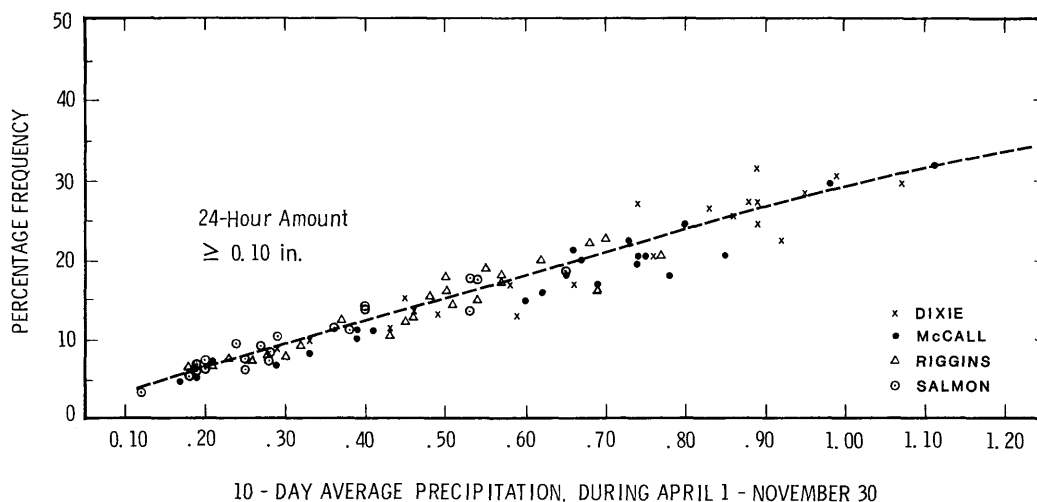


Figure 9—Relationship between frequency of days with precipitation  $\geq 0.10$  inch and the 10 (or 11)-day average precipitation, April-November. Based on 1951-80 data at indicated stations (1952-80 at Dixie). Curve fitted by eye.



Figure 10—Average annual snowfall, inches. Based on or adjusted to 30 years (snow seasons), 1951-80, except averages are as observed in earlier years at Loon Creek and Roosevelt.

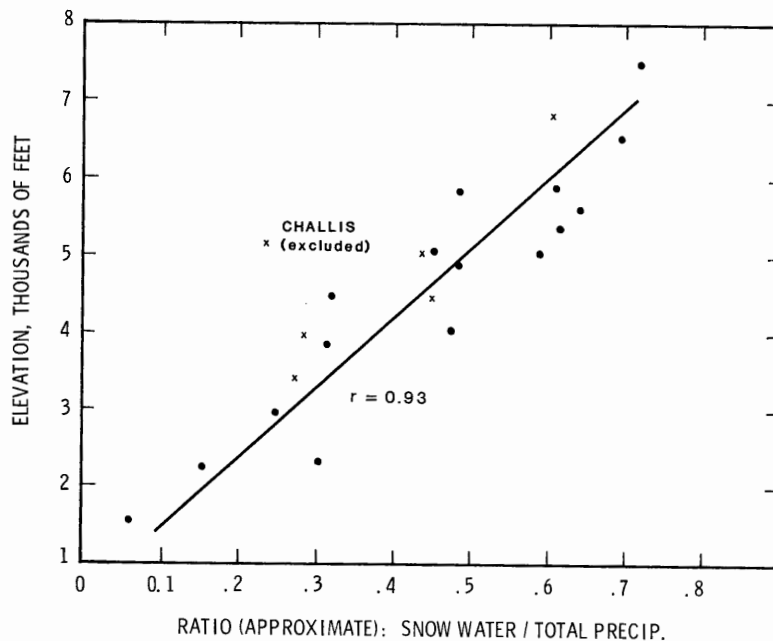


Figure 11—Proportion of annual total precipitation occurring as snowfall (approximate; see text) in relation to elevation, at stations in or near RNR. Based on or adjusted to period 1951-80, except as noted in figure 10 caption. X symbols denote stations on east side of wilderness. Calculated regression line excludes data from dry Challis location.

7,000 ft. The best-fit line, or linear regression (Freese 1967; Snedecor 1956), should not be extrapolated above this level, lest a snowfall contribution much above 80 percent is claimed.

The annual-snowfall/precipitation (S/P) ratios in figure 11 are approximate, largely due to approximation of the snowfall's water content; moreover, precipitation totals are subject to error because of wind-related gauge-catch deficiencies (Brown and Peck 1962; Linsley and others 1958; Weiss 1961). For figure 11, "snow water" was based on a multiplication of monthly average snowfall (table 14, appendix) by 0.10, with a constraint that the result could not exceed the corresponding monthly average precipitation. The 0.10 factor is probably too high as an actual average snowfall density (Landsberg 1958 and present author's experience), but this may be offset by deficiencies in reported snowfall.

The calculated S/P ratios, for 23 stations, show only a moderate correlation with annual precipitation; the coefficient  $r$  was 0.57. In a multiple correlation with both precipitation and elevation,  $r$  was 0.97.

**Monthly Distribution**—Monthly snowfall averages are included in table 14 (appendix). They are highest in January, reaching about 40 to 50 inches at 5,000- to 6,000-ft western locations, where most of the winter precipitation occurs as snow. The January averages are about 15 to 25 inches in lower canyon areas of the wilderness. Monthly and annual snowfall amounts for each year of record are listed for several stations in table 18 (appendix).

**Annual and Monthly Extremes**—Annual (seasonal) snowfall totals at the 5,000- to 6,000-ft west-side locations, in recent decades, have been as high as 344 inches at Dixie in 1971-72. Other extremes include 290 inches at Warren in 1966-67, 272 inches at McCall in 1970-71, and 266 inches at Deadwood Dam in 1968-69. These totals appear to be the highest in at least the past 50 years at such locations. Deadwood recorded 282 inches in 1931-32. Lowest totals in recent decades occurred in 1976-77 or 1980-81, with 59 inches at McCall; about 105 inches at Dixie.

In the lower canyons, available data show an extreme of 104 inches at Campbell's Ferry in 1978-79 (during 9 years of record), but only 14 inches there in 1980-81; about 125 inches may be estimated for 1971-72. A total of 73 inches occurred at Shoup in 1971-72 (low total in 1980-81 incomplete). Salmon had 56 inches in 1983-84; 9 inches in 1980-81. Elsewhere to the east, totals reached 145 inches at Gibbonsville and 132 inches at Cobalt in 1971-72.

Highest observed monthly snowfalls on the west side include 111 inches at Deadwood Dam in January 1950, 95 inches at Dixie in January 1953, and 90 inches at McCall in December 1971. In the lower canyons, monthly snowfall reached 52 inches at Campbell's Ferry in January 1982, 47 inches at Middle Fork Lodge in January 1980, and 29 inches at Shoup in January 1982; 23 inches at Salmon in December 1983.

**Daily Snowfall**—The high average snowfall at 5,000- to 6,000-ft west-side valley and canyon locations is accumu-

lated from many days of snowfall—as would be inferred from the previously mentioned frequency of precipitation days. The annual number of days with 1.0 inch or more snowfall, based on about 20 to 30 recent years, averages 45 at McCall, about 60 at Deadwood Dam and Warren, and 72 at Dixie. Details concerning frequencies of these snowfall days, and of various daily snowfall amounts, are shown for several stations in table 19 (appendix). The above-mentioned west-side locations have a snowfall-day frequency of 30 to 40 percent or greater during the months December through March, except only through February at McCall. During January, these locations average 12 or 13 days with at least 1.0 inch snowfall.

In the lower canyons, there is an annual average of about 20 days with snowfall. The January average, as observed at Middle Fork Lodge and Shoup, is about 5 days.

Daily (24-hour) snowfall in extreme cases has reached 15 to 20 inches or greater. Deadwood Dam and McCall have both received 23 inches in 1 day, during October 1956 and January 1971, respectively, as did Deadwood in February 1933. Twenty inches fell at Warren on a March day in 1967.

**Snow Depth; Snowpack**—The average season of continuous snow cover (1 inch or greater) is confined mostly to the months December through February in the lower canyon bottoms; it may extend into early March. At the moderately wet 5,000-6,000-ft western locations, the snow cover is normally continuous from mid- or late November to sometime between early April and early May. These statements apply to level terrain. Earlier snowmelt, can, of course, be expected on south-facing slopes; later melt on shaded north slopes.

Details of average snow depths during the course of the season are given for climatic stations in table 2. Average depths in the lower canyons reach a maximum, near 10 inches, between mid- and late January. Seasonal maximum depth, occurring on any date, averages about 15 inches at Middle Fork Lodge; 17 inches at Campbell's Ferry. At the 5,000-6,000-ft western locations, average depths (based on 1961-85) reach a broad maximum centered in February or early March, with 30 inches at Big Creek, 33 inches at McCall, and 43 to 44 inches at Dixie and Deadwood Dam. The respective average seasonal maximum depths range from about 40 to 55 inches. Extreme depths of 75 to 84 inches have been observed at these higher locations.

A longer season of snow cover, and much greater depths, occur at the adjacent west-side snow-survey sites (table 3 and fig. 12), at about 6,000- to 7,500-ft elevations. The Deadwood Summit and Brundage Mountain snow courses have respective averages of 47 inches and 70 inches of snow remaining on June 1. Their first-of-month average depths reach 120 to 124 inches on April 1, with 46 to 48 inches water content. An extreme depth of 200 inches was measured at Deadwood Summit in 1974. On the drier east side, the Morgan Creek snow course, at 7,600 ft, has an April 1 snow depth averaging just 46 inches.

**Table 2**—Average and median<sup>1</sup> snow depth, inches, at middle and end of month, November-April, and average seasonal maximum depth (occurring on any date); based on or adjusted (Adj.) to period 1961-85. Highest and lowest seasonal values observed during available years of record since 1951; years shown under station name

| Station                            |                   | Date |    |      |    |      |    |      |    |      |    |      |    | Season<br>maximum |
|------------------------------------|-------------------|------|----|------|----|------|----|------|----|------|----|------|----|-------------------|
|                                    |                   | Nov. |    | Dec. |    | Jan. |    | Feb. |    | Mar. |    | Apr. |    |                   |
|                                    |                   | 15   | 30 | 15   | 31 | 15   | 31 | 15   | 28 | 15   | 31 | 15   | 30 |                   |
| ----- Inches -----                 |                   |      |    |      |    |      |    |      |    |      |    |      |    |                   |
| Big Creek 1 S<br>Adj.<br>1949-67   | Avg.              | 3    | 9  | 13   | 20 | 24   | 27 | 29   | 30 | 28   | 26 | 19   | 7  | 39                |
|                                    | Med.              | 1    |    |      |    |      |    |      |    |      |    | 2    |    |                   |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 62 1965           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 11 1963           |
| Blackbird Mine<br>Adj.             | Avg.              | 4    | 10 | 17   | 21 | 24   | 28 | 30   | 32 | 30   | 25 | 14   | 3  | 40                |
| Campbell's Fy.<br>Adj., 1977-85    | Avg. <sup>2</sup> |      |    |      |    |      |    |      |    |      |    |      |    | 17                |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 36 1979           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 4 1981            |
| Cascade 1 NW<br><br>1951-85        | Avg.              | 1    | 4  | 7    | 12 | 14   | 17 | 17   | 15 | 12   | 7  | 1    | 0  | 24                |
|                                    | Med.              | 0    | 4  |      |    |      |    |      |    |      | 1  | T    | 0  |                   |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 47 1952           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 8 1961            |
| Cobalt<br><br>1962-82              | Avg.              | 1    | 3  | 6    | 10 | 13   | 15 | 14   | 13 | 11   | 6  | 1    | T  | 19                |
|                                    | Med.              | 0    | 3  |      |    |      |    |      |    |      | 3  | 0    | 0  |                   |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 30 1964           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 3 1981            |
| Deadwood Dam<br>Adj., 1951-74      | Avg.              | 4    | 14 | 22   | 33 | 37   | 42 | 44   | 44 | 43   | 39 | 28   | 13 | 55                |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 84 1971           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 18 1963           |
| Dixie<br>Adj.<br>1962-85           | Avg.              | 3    | 11 | 21   | 28 | 36   | 41 | 43   | 44 | 43   | 38 | 30   | 18 | 52                |
|                                    | Med.              | 1    | 10 |      |    |      |    |      |    |      |    | 33   | 15 |                   |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 78 1972           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 28 1963, 1981     |
| Elk City<br><br>1959-85            | Avg.              | 1    | 5  | 8    | 13 | 17   | 20 | 19   | 18 | 17   | 11 | 3    | 1  | 30                |
|                                    | Med.              | 0    | 5  |      |    |      |    |      |    |      | 12 | T    | 0  |                   |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 50 1964           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 11 1973           |
| Gibbonsville<br>Adj.               | Avg.              | T    | 4  | 8    | 14 | 18   | 19 | 18   | 15 | 11   | 4  | 1    | 0  | 27                |
| McCall<br><br>1951-85              | Avg.              | 2    | 10 | 16   | 23 | 28   | 33 | 33   | 33 | 29   | 20 | 5    | 0  | 44                |
|                                    | Med.              | 0    | 11 |      |    |      |    |      |    |      | 22 | 1    | 0  |                   |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 75 1952           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 17 1977           |
| Middle Fk Lodge<br>Adj.            | Avg.              | 1    | 3  | 5    | 7  | 9    | 9  | 8    | 6  | 3    | 1  | 0    | 0  | 15                |
|                                    | Med.              | 0    |    |      |    |      |    |      |    |      | 0  | 0    | 0  |                   |
| New Meadows<br>1951-85             | Avg. <sup>2</sup> |      |    |      |    |      |    |      |    |      |    |      |    | 26                |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 48 1952           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 8 1963, 1977      |
| Salmon 1 N<br>Adj., 1951-85        | Avg. <sup>2</sup> |      |    |      |    |      |    |      |    |      |    |      |    | 7                 |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 18 1984           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 1 1954            |
| Shoup<br>Adj.<br>1967-85           | Avg.              | 0    | 3  | 5    | 8  | 11   | 10 | 8    | 5  | 2    | 0  | 0    | 0  | 16                |
|                                    | Med.              | 0    | 1  | 3    |    |      |    | 5    | 1  | 0    | 0  | 0    | 0  |                   |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 32 1982           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 5 1981            |
| Stibnite<br>Adj.                   | Avg.              | 4    | 12 | 19   | 26 | 30   | 34 | 35   | 36 | 34   | 30 | 22   | 10 | 46                |
| Warren<br><br>1960-85              | Avg.              | 3    | 11 | 16   | 24 | 29   | 34 | 36   | 37 | 39   | 35 | 27   | 15 | 47                |
|                                    | Med.              | 1    | 11 |      |    |      |    |      |    |      |    | 24   | 9  |                   |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 77 1967           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 21 1963           |
| Yellow Pine 7 S<br>Adj.<br>1971-85 | Avg.              | 2    | 6  | 10   | 18 | 21   | 25 | 25   | 26 | 23   | 17 | 7    | 1  | 35                |
|                                    | Med.              | 0    |    |      |    |      |    |      |    |      |    | 3    | 0  |                   |
|                                    | High, yr          |      |    |      |    |      |    |      |    |      |    |      |    | 47 1971           |
|                                    | Low, yr           |      |    |      |    |      |    |      |    |      |    |      |    | 13 1977           |

<sup>1</sup>Median shown only in early and late season, when difference from average may be notable.

<sup>2</sup>Monthly averages unavailable (required data not published or inadequate for calculations).

**Table 3—Snowpack data.** Average snow depth (SN), water content (WC), and density (DS, equal to SN/WC) on about first day of month, at snow courses adjacent to RNR; based on or adjusted to period 1961-85. SN and WC are in inches. Maximum and minimum values observed during 1951-85, except as noted below snow course name. E denotes estimated (data missing). Blank columns denote unavailable or insufficient data. Letters in parentheses are snow course identifiers used in figure 2

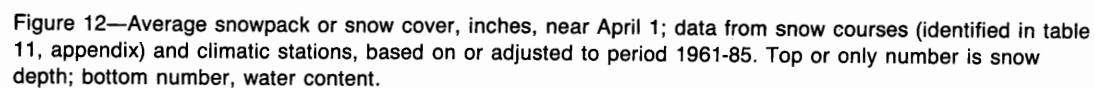
|                                |      | Jan. 1 |      | Feb. 1 |      | Mar. 1 |      | Apr. 1 |      | May 1 |      | June 1 |      |
|--------------------------------|------|--------|------|--------|------|--------|------|--------|------|-------|------|--------|------|
| Snow course,<br>elevation (ft) |      | SN     | WC   | SN     | WC   | SN     | WC   | SN     | WC   | SN    | WC   | SN     | WC   |
|                                |      | DS     |      | DS     |      | DS     |      | DS     |      | DS    |      | DS     |      |
| Banner Summit <sup>1</sup>     | Avg. | 50     | 14.0 | 70     | 21.5 | 79     | 26.0 | 84     | 30.1 | 68    | 29.0 |        |      |
| 7,040 (BAN)                    |      | 0.28   |      | 0.31   |      | 0.33   |      | 0.36   |      | 0.42  |      |        |      |
| Big Creek Smt.                 | Avg. | 56     | 15.7 | 81     | 25.2 | 93     | 31.5 | 100    | 37.5 | 87    | 37.6 | 39     | 19.7 |
| 6,580 (BGC)                    |      | 0.28   |      | 0.31   |      | 0.34   |      | 0.38   |      | 0.43  |      | 0.51   |      |
| (1963-85 for                   | Max. | 104    | 31.2 | 126    | 42.1 | 129    | 47.7 | 135    | 52.5 | 127   | 58.6 | 89     | 47.4 |
| Jan. 1)                        | Min. | 10     | 1.8  | 17     | 3.4  | 25     | 4.6  | 40     | 10.9 | 14    | 5.0  | 0      | 0.0  |
| Brundage Mtn.                  | Avg. | 72     | 20.9 | 96     | 30.8 | 111    | 40.1 | 124    | 48.3 | 114   | 49.8 | 70     | 36.5 |
| 7,560 (BRG)                    |      | 0.29   |      | 0.32   |      | 0.36   |      | 0.39   |      | 0.44  |      | 0.52   |      |
| 1965-85                        | Max. | 106    | 36.8 | 144    | 47.8 | 147    | 56.2 | 165    | 64.5 | 166   | 67.8 | 117    | 62.0 |
|                                | Min. | 10     | 2.2  | 18     | 5.2  | 32     | 5.9  | 60     | 15.8 | 18    | 6.4  | 14     | 6.2  |
| Deadwood Smt.                  | Avg. | 74     | 21.5 | 99     | 32.0 | 113    | 39.8 | 120    | 46.2 | 99    | 45.8 | 47     | 24.6 |
| 6,860 (DWD)                    |      | 0.29   |      | 0.32   |      | 0.35   |      | 0.38   |      | 0.46  |      | 0.52   |      |
| (1963-85 for                   | Max. | 142    | 44.9 | 167    | 57.6 | 172    | 64.5 | 200    | 78.0 | 161   | 71.5 | 121    | 64.7 |
| Jan. 1)                        | Min. | 11     | 1.7  | 16     | 3.2  | 28     | 5.5  | 49     | 11.6 | 3     | 0.9  | 0      | 0.0  |
| Mill Crk Smt.                  | Avg. | 39     | 10.2 | 54     | 16.0 | 61     | 19.4 | 67     | 23.0 | 62    | 24.5 |        |      |
| 8,800 (MLC)                    |      | 0.26   |      | 0.30   |      | 0.32   |      | 0.35   |      | 0.39  |      |        |      |
| 1963-85 <sup>2</sup>           | Max. |        |      | 92     | 32.8 | 93     | 35.3 | 105    | 39.0 | 89    | 38.2 |        |      |
|                                | Min. | 8      | 1.0  | 12     | 2.1  | 16     | 2.6  | 33     | 6.7  | 10    | 3.7  |        |      |
| Moose Creek                    | Avg. | 33     | 7.4  | 45     | 12.1 | 50     | 15.2 | 51     | 17.0 | 38    | 14.5 |        |      |
| 6,200 (MSC)                    |      | 0.22   |      | 0.27   |      | 0.30   |      | 0.33   |      | 0.38  |      |        |      |
| (1967-85 for                   | Max. | 49     | 14.8 | 67     | 19.2 | 72     | 25.6 | 72     | 25.4 | 70    | 25.4 |        |      |
| Jan. 1, May 1)                 | Min. | 15E    | 2.5E | 21     | 4.2  | 24     | 4.6  | 30     | 7.7  | 0E    | 0.0E |        |      |
| Morgan Creek                   | Avg. | 26     | 5.9  | 38     | 9.8  | 43     | 12.2 | 46     | 14.3 | 34    | 12.7 |        |      |
| 7,600 (MGC)                    |      | 0.23   |      | 0.26   |      | 0.28   |      | 0.31   |      | 0.37  |      |        |      |
| 1963-85                        | Max. | 63     | 14.6 | 77     | 22.6 | 65     | 24.2 | 65     | 23.6 | 65    | 21.8 |        |      |
|                                | Min. | 5      | 0.6  | 10     | 1.8  | 12     | 2.0  | 29     | 5.7  | 0     | 0.0  |        |      |
| Mountain Meadows               | Avg. |        |      |        |      | 65     | 20.8 | 67     | 23.8 | 57    | 22.7 |        |      |
| 6,360 (MTM)                    |      |        |      |        |      | 0.32   |      | 0.36   |      | 0.40  |      |        |      |
| 1965-85 <sup>3</sup>           | Max. |        |      | 85     | 24.6 | 93     | 32.7 | 98     | 36.0 | 93    | 39.8 |        |      |
|                                | Min. |        |      |        |      |        |      | 44     | 11.2 | 24    | 7.2  |        |      |
| Nezperce Pass                  | Avg. |        |      |        |      | 48     | 15.0 | 50     | 17.8 | 38    | 15.4 |        |      |
| 6,570 (NZP)                    |      |        |      |        |      | 0.31   |      | 0.36   |      | 0.40  |      |        |      |
|                                | Max. |        |      |        |      | 72     | 22.7 | 74     | 27.2 | 69    | 28.0 |        |      |
|                                | Min. |        |      |        |      | 26     | 7.0  | 28     | 8.8  | 5     | 2.1  |        |      |
| Secesh Summit                  | Avg. | 54     | 15.5 | 76     | 24.5 | 87     | 30.7 | 91     | 36.0 | 76    | 34.3 | 28     | 14.0 |
| 6,520 (SEC)                    |      | 0.29   |      | 0.32   |      | 0.35   |      | 0.40   |      | 0.45  |      | 0.50   |      |
| 1967-85 <sup>4</sup>           | Max. | 84     | 25.4 | 124    | 45.6 | 130    | 50.6 | 135    | 59.8 | 128   | 60.3 | 89     | 46.9 |
|                                | Min. | 12     | 1.7  | 18     | 4.5  | 27     | 5.6  | 43     | 11.6 | 8     | 2.3  | 0      | 0.0  |

<sup>1</sup>Adjusted averages from 1979-85 data.

<sup>2</sup>Except 1951-85 for Apr. 1.

<sup>3</sup>Jan. 1-Mar. 1 data through only 1973.

<sup>4</sup>For Apr. 1. Data commence in 1969 for Mar. 1; in 1972 or 1973 for other dates.



## Runoff

Figure 13 depicts the annual (water-year) regime of cumulative runoff, averaged for several drainages in the western RNR area. An index of cumulative precipitation is included for comparison. Calculation details are given in the figure legend. Drainage and gauging point locations are shown in figure 14. Over the period of a year the streamflow, or runoff, closely represents the difference between drainage average precipitation and evapotranspiration (combined evaporation and transpiration); changes in groundwater storage are generally small.

The effect of water storage in snowpack and subsequent release with springtime snowmelt is very evident in figure 13. At the end of April, the cumulative water-year precipitation averages about 73 percent of total, while cumulative runoff lags at 23 percent of its total. This difference is narrowed to a few percent by the end of June. Overall, for the combined drainages, May normally accounts for 27 percent of the yearly runoff; June, 33 percent. A return to near base flow occurs in August, with monthly runoff during September through March averaging 2 or 3 percent of the total. Monthly details in table 4 indicate a similar runoff regime in the drier Panther Creek drainage to the east.

For the entire Salmon River drainage area above White Bird, ID (fig. 14), covering 13,550 mi<sup>2</sup>, much of this outside the RNR boundary, the 1951-80 average annual runoff volume is about 8,786,000 acre-ft. About 1,125,000 acre-ft are accrued in the 770-mi<sup>2</sup> Middle Fork Salmon drainage area above Middle Fork Lodge.

The areal-average runoff depth equivalents are mapped in figure 14. These depths—calculated as: runoff volume/drainage area—reflect the relative amounts of areal-average precipitation. Runoff depths are near 25 inches for the southwestern drainage areas but only 7 inches for Panther Creek. Areal precipitation may average at least 45 inches for the upper Middle Fork Salmon drainage, given the 27-inch runoff depth and perhaps 18 inches or more annual evapotranspiration (Rosa 1968). With much lower precipitation amounts indicated in the canyon bottom and other locations (fig. 4), 60-inch precipitation amounts may be inferred for some wetter locations—in line with indications from adjacent west-side snow courses.

Highest flows in the RNR area, in at least the past 75 years, apparently occurred during June 16-18, 1974. The Salmon River at White Bird reached a momentary peak of 130,000 ft<sup>3</sup>/s (10.7 times the 1951-80 annual average flow); the Middle Fork Salmon at Middle Fork Lodge, 20,900 ft<sup>3</sup>/s (13.4 times the annual average).

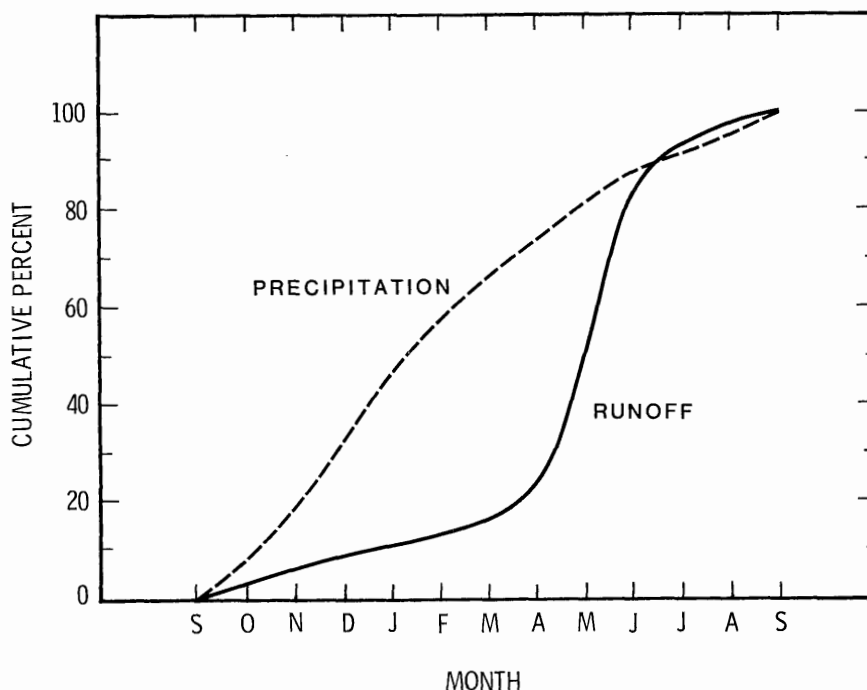


Figure 13—Comparison of average water-year regimes of cumulative precipitation and runoff in or near RNR, wetter western and southwestern area. Curves show cumulative percentage of yearly total attained at end of respective months. From data based on or adjusted to 30-year period 1951-80. Runoff represents unweighted average for four drainages or sub-drainages (fig. 14): Big Creek, Johnson Creek, South Fork, and upper Middle Fork Salmon River. Precipitation is unweighted average for five stations (fig. 4): Big Creek 1 S, Big Creek Summit, Deadwood Dam, Middle Fork Lodge, and Yellow Pine 7 S.

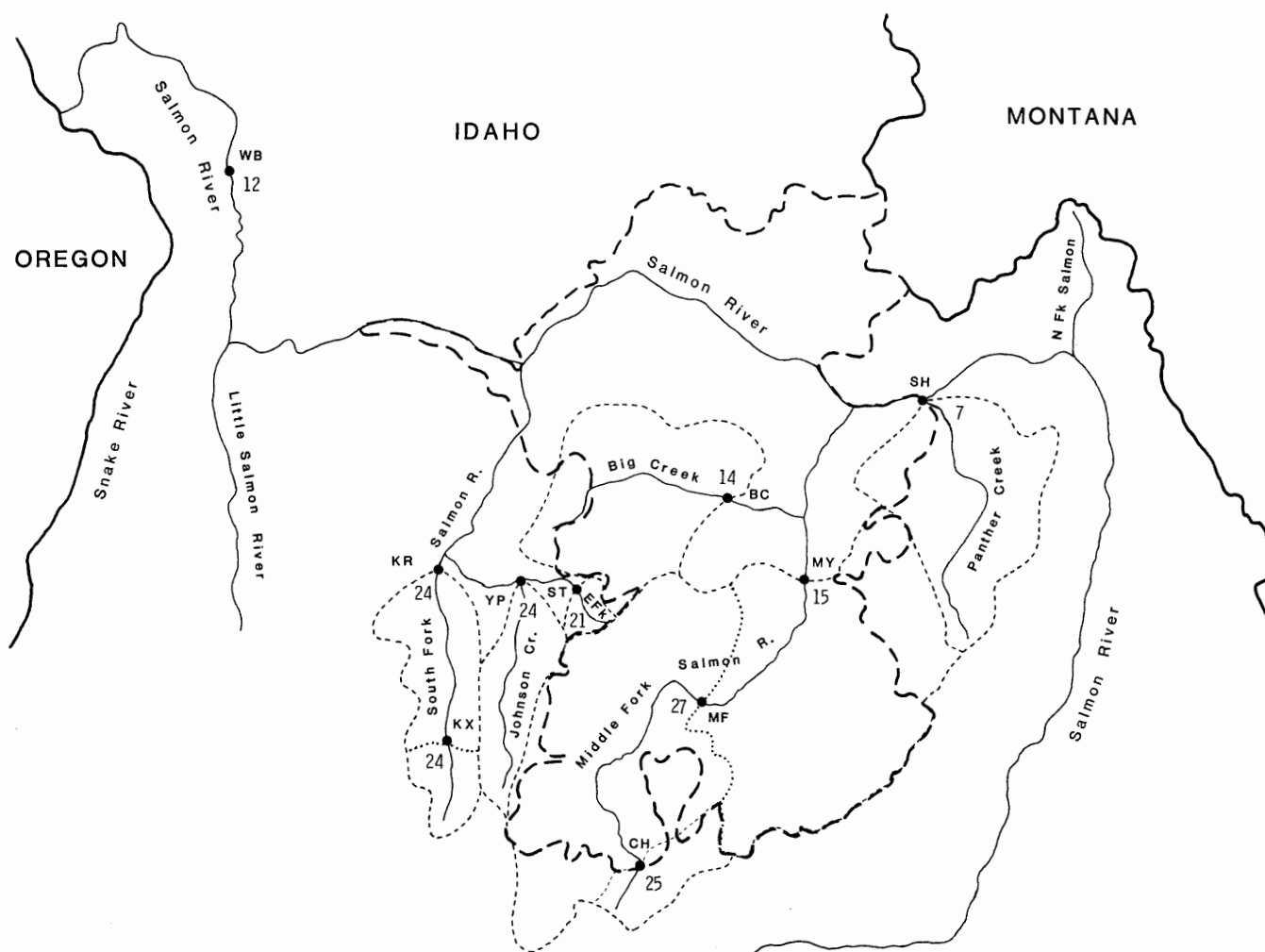


Figure 14—Average yearly runoff, equivalent depth in inches, from drainages or subdrainages in or adjacent to RNR (boundary shown by heavy dashed line). Drainage areas, above gauging points (heavy dots), are shown within fine-dashed or dotted lines. EFK denotes East Fork of South Fork Salmon River. Gauging points are identified in table 11 (appendix). Runoff value at White Bird (WB) is for overall 13,550-mi<sup>2</sup> drainage area of Salmon River.

Table 4—Monthly average runoff from drainages in RNR area; in percentage of annual total. Based on or adjusted to period 1951-80. Drainage locations shown in figure 14

| Drainage, area (mi <sup>2</sup> ),<br>gauging point             | Total                         | Oct.           | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. |
|-----------------------------------------------------------------|-------------------------------|----------------|------|------|------|------|------|------|------|------|------|------|-------|
|                                                                 | <i>Thousand<br/>acre-feet</i> | <i>Percent</i> |      |      |      |      |      |      |      |      |      |      |       |
| Big Creek<br>470, near Big Creek<br>(19 mi east of Post Office) | 361                           | 3.4            | 2.9  | 2.6  | 2.4  | 2.1  | 2.6  | 6.7  | 24.7 | 32.6 | 12.1 | 4.5  | 3.4   |
| Johnson Creek<br>213, at Yellow Pine                            | 269                           | 2.5            | 2.4  | 2.2  | 2.2  | 1.9  | 2.1  | 5.7  | 29.7 | 36.1 | 10.0 | 3.0  | 2.2   |
| Middle Fk Salmon River<br>770, at Middle Fk Lodge               | 1,124                         | 3.7            | 3.4  | 2.9  | 2.7  | 2.6  | 2.9  | 7.1  | 26.0 | 30.4 | 10.4 | 4.5  | 3.4   |
| Panther Creek<br>529, near Shoup                                | 187                           | 3.5            | 3.1  | 2.9  | 2.7  | 2.5  | 3.0  | 6.0  | 25.2 | 32.3 | 10.6 | 4.6  | 3.6   |
| Salmon River<br>6,270, near Shoup                               | 2,226                         | 5.4            | 5.4  | 5.0  | 4.8  | 4.4  | 5.0  | 6.6  | 17.3 | 25.3 | 11.4 | 5.0  | 4.4   |
| Salmon River<br>13,550, at White Bird                           | 8,786                         | 3.7            | 3.6  | 3.4  | 3.2  | 3.1  | 3.9  | 7.6  | 23.7 | 29.7 | 10.7 | 4.1  | 3.3   |
| South Fk Salmon River<br>92, near Knox                          | 116                           | 3.0            | 2.9  | 2.9  | 2.8  | 2.4  | 3.0  | 8.1  | 27.9 | 32.3 | 8.9  | 3.3  | 2.5   |

## Thunderstorms

The main season of lightning (or thunderstorm) activity in this area extends from May to September. Records from surrounding Weather Service airport stations (Kessler 1986) indicate that June, July, and August are generally the months of peak occurrence. This report presents details only for July and August, the months of greatest storm data availability from lookouts and greatest occurrence of lightning-caused fires.

The larger areal pattern of July and August thunderstorm frequency is shown in figure 15. The plotted values indicate a maximum occurrence in the southwestern Montana mountains and a decrease westward across Idaho. Across the RNR, the average July-August storm frequency appears to range from about 10 days in the southwest to 16 days in the northeast. These numbers refer to storms within about 20 miles of a given point; the contributing lookout data are mostly from special observations obtained for lightning research at IFSL.

A large proportion of the July-August thunderstorms start in the afternoon. About 60 percent begin between 1200 and 1759 m.s.t. over most of the RNR (fig. 16), with the peak beginning hour 1300-1359 or 1400-1459. The individual storms have been arbitrarily defined by at least 3 hours time separation between reported thunder or lightning occurrence (within 20 miles). With this definition, there was usually only one storm per storm day—tabulated here as the 24-hour period beginning at 0700 m.s.t.

Storm activity is at a minimum in the early morning hours. Only about 7 to 10 percent of the storms during 1956-70 began between 0300 and 0859 m.s.t.

The Lightning Activity Level (LAL) (Deeming and others 1977) may reach "5" in about 15 percent of the July-August storms (fig. 17). This is based on maximum 15-minute counts of visually observed cloud-to-ground lightning discharges, recorded during 1960-70. The LAL was a milder "2" in about 50 to 60 percent of these storm cases.

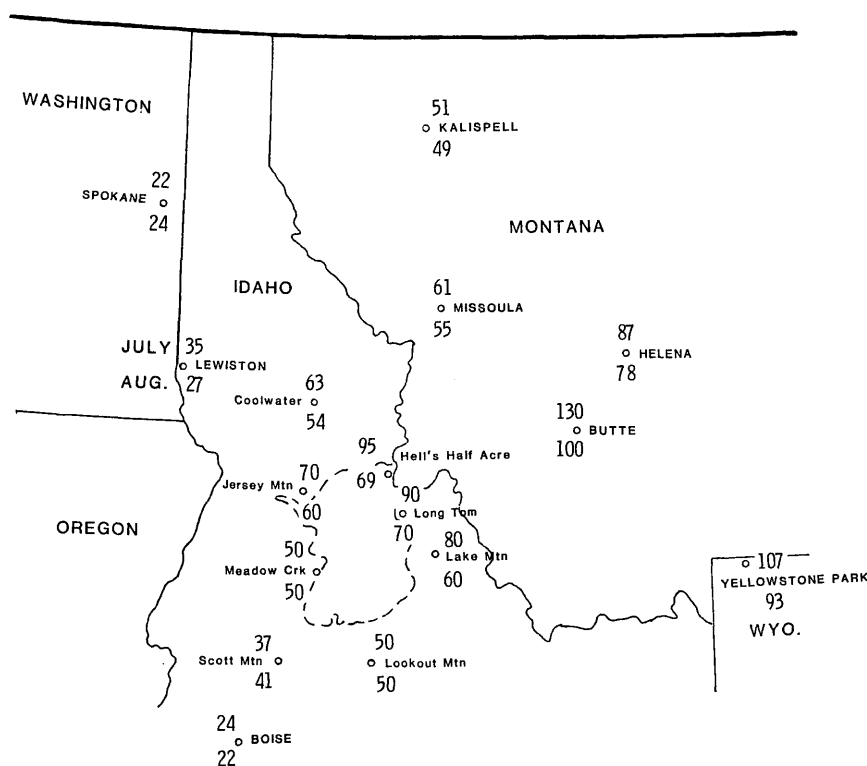


Figure 15—Average number of days per 10 years with observed thunderstorms, during July (top number) and August (bottom number). Data from lookouts during 1956-70 (shorter records adjusted to complete period; averages in round numbers) and airport stations (upper case letters) during 1951-75. Exceptions are averages for Butte airport, based on 1939-51, and Yellowstone Park (Headquarters), based on 1917-40.

Figure 16—Percentages of defined thunderstorms (see text) beginning during 6-hour period 1200-1759 m.s.t. (top number)(PM), and 0300-0859 m.s.t. (bottom number)(AM). Based on storms observed within 20-mile radius of lookout. Peak beginning time (smoothed), in hourly increments, is shown at right; letter B, at Jersey Mountain, denotes broad afternoon peak. Based on available storm cases during 1956-70.

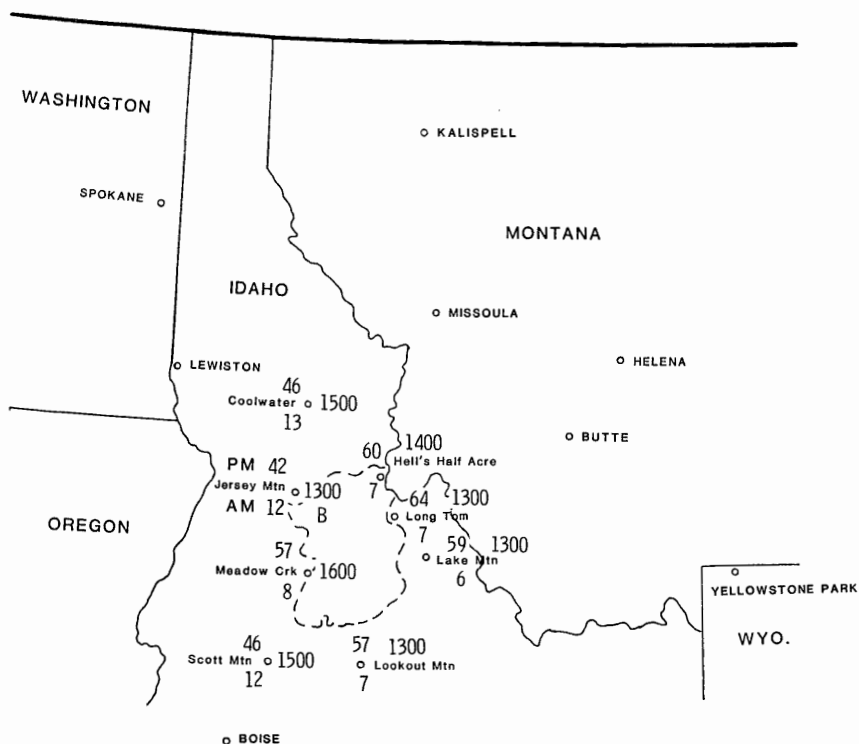


Figure 17—Percentage of thunderstorms with Lightning Activity Level (National Fire Danger Rating System) of "2" (top number) (L2), and "5" (bottom number)(L5). Based on maximum 15-minute counts of cloud-to-ground lightning within 20-mile radius of lookout, in available storm cases during 1960-70. Numbers of cases range from 42 at Meadow Creek to 142 at Hell's Half Acre.



## Temperature

### ANNUAL REGIME

The general yearly course of average temperatures in the RNR, measured about 5 ft above the ground, is portrayed in figure 18. Individual station averages are listed in table 20 (appendix). The averages—calculated normals—for these and additional stations are mapped in figure 19 for January, normally the coldest month, and in figure 20 for July, normally the warmest month. Comparability between stations is affected somewhat by differences in daily observation time and possibly by large-scale horizontal temperature gradients (Finklin 1983b, 1986; Rumbaugh 1934). For example, in the Idaho-Montana area, maximum temperatures based on 24-hour periods ending around 1600 or 1700, local time, commonly average 2 °F higher during spring and summer months than those read in early morning (or at midnight).

In general, average daily maximum temperatures in the lower canyons range from 30 to 35 °F in January to the upper 80's and lower 90's in July. Corresponding average minimum temperatures range from about 15 to 20 °F to the upper 40's and lower 50's. In the west-side valleys and canyons, at 5,000-6,000 ft, average maximums are generally 30 to 32 °F in January; in the upper 70's to lower 80's in July. The corresponding minimums range from about 5 to 10 °F to 35 to 45 °F.

Statistical details pertaining to daily maximum and minimum temperatures are presented for year-round and seasonal (fire-weather) stations in table 21 (appendix). Frequencies of various daily values are shown in table 22 (appendix).

The observed temperature values may be influenced by local shading, radiation, transpiration, and air drainage effects—depending on the immediate topography and surroundings and the related sheltering or exposure to wind (Schroeder and Buck 1970). Smoothing out some of the local daytime and nighttime variations are monthly “mean” temperatures, which in United States climatic practice are calculated as arithmetic averages of the maximum and minimum temperatures. The normal monthly means in the lower canyons thus range generally from 22 to 28 °F in January to 67 to 73 °F in July. The overall annual means are about 44 to 50 °F. In the 5,000- to 6,000-ft valleys and canyons, the range is generally from 18 to 21 °F in January to 57 to 63 °F in July, with annual means 37 to 41 °F.

Mean-temperature statistics are given in table 23 (appendix). The monthly and annual values for each year at McCall and Challis are listed in table 24 (appendix).

### RELATIONSHIP TO ELEVATION; INVERSIONS

Average temperatures tend to decrease with elevation, particularly during daytime, but the available data show little overall decrease in the January maximums (fig. 19). This may reflect both frontal and local temperature inver-

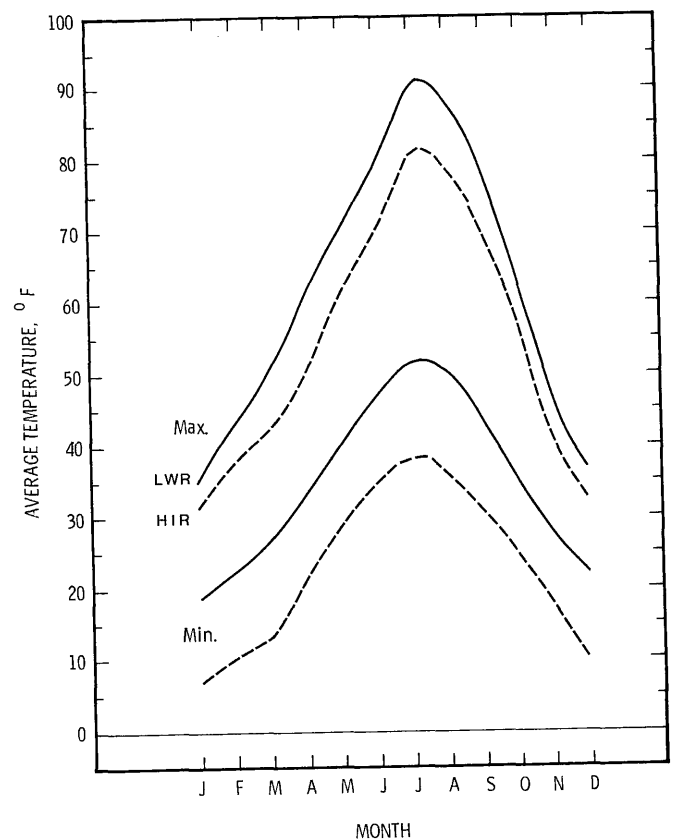
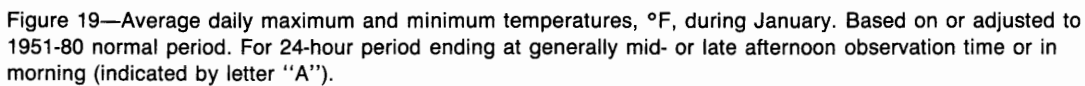


Figure 18—Average daily maximum and minimum temperatures, annual pattern, in or near RNR; averages for two groupings of stations. Based on or adjusted to 1951-80 normal period. HIR denotes higher valley or canyon locations on west side, at 5,000-6,000 ft; data from Dixie, Warren, Big Creek 1 S, Yellow Pine 7 S, and Deadwood Dam. LWR denotes lower canyon locations; data from Middle Fork Lodge, Shoup, Campbell's Ferry, and Riggins.

sions (Critchfield 1974; Schroeder and Buck 1970), aided by cold air entrapment and possible topographic shading in sheltered canyon bottoms, as well as shading by low-lying clouds (Benedict 1986; Martin 1986). Topographic shading is reported during winter at the Taylor Ranch station site, where the January maximum of 28 °F (with a morning observation time) is the second lowest among the stations in figure 19. Higher readings were believed likely had the station been located just 200 yards away (Holly Akenson 1987). January temperatures are notably higher to the west in the Riggins-Slate Creek area, where inversions are inhibited by greater wind movement, often strong in winter (Wallace 1987). This wind, typically from the south, may also have a downslope warming effect.



Temperature-elevation relationships are shown in figures 21 and 22. The regression-line "lapse rate" of summer (July-August) maximum temperatures (fig. 22), 4.0 °F per 1,000 ft (including lookout data), is noticeably steeper than that for winter (December-January) (fig. 21), and the correlation is much better. For the 37 canyon and valley stations alone, the lapse rate for summer maximums was 3.7 °F per 1,000 ft (with  $r_s = -0.94$ ). The rate obtained for

The summer "mean" temperatures, influenced by nighttime inversions, quite evidently require separate treatment of the mountain (lookout) station data. The means at 8,000-ft lookouts, about 58 to 60 °F, are similar to those in valleys or canyons at 5,500-6,000 ft. For the canyon and valley means, the summertime lapse rate per 1,000 ft is 4.0 °F, compared with 2.7 °F in winter (2.2 °F, excluding Riggins and Stibnite). The lookout mean temperatures show a summertime lapse rate of only 2.9 °F per 1,000 ft, due mainly to a slow elevational decrease in minimum temperatures. This smaller rate, which may in part be a peculiarity of the data sample, would indicate a modification of the free-atmosphere conditions.

This possibility is suggested by Boise radiosonde (upper-air sounding) data, obtained from monthly "Climatological Data, National Summary" for a 2000 m.s.t. observation time during 1950-56 and for 0500 during 1957-67. Average

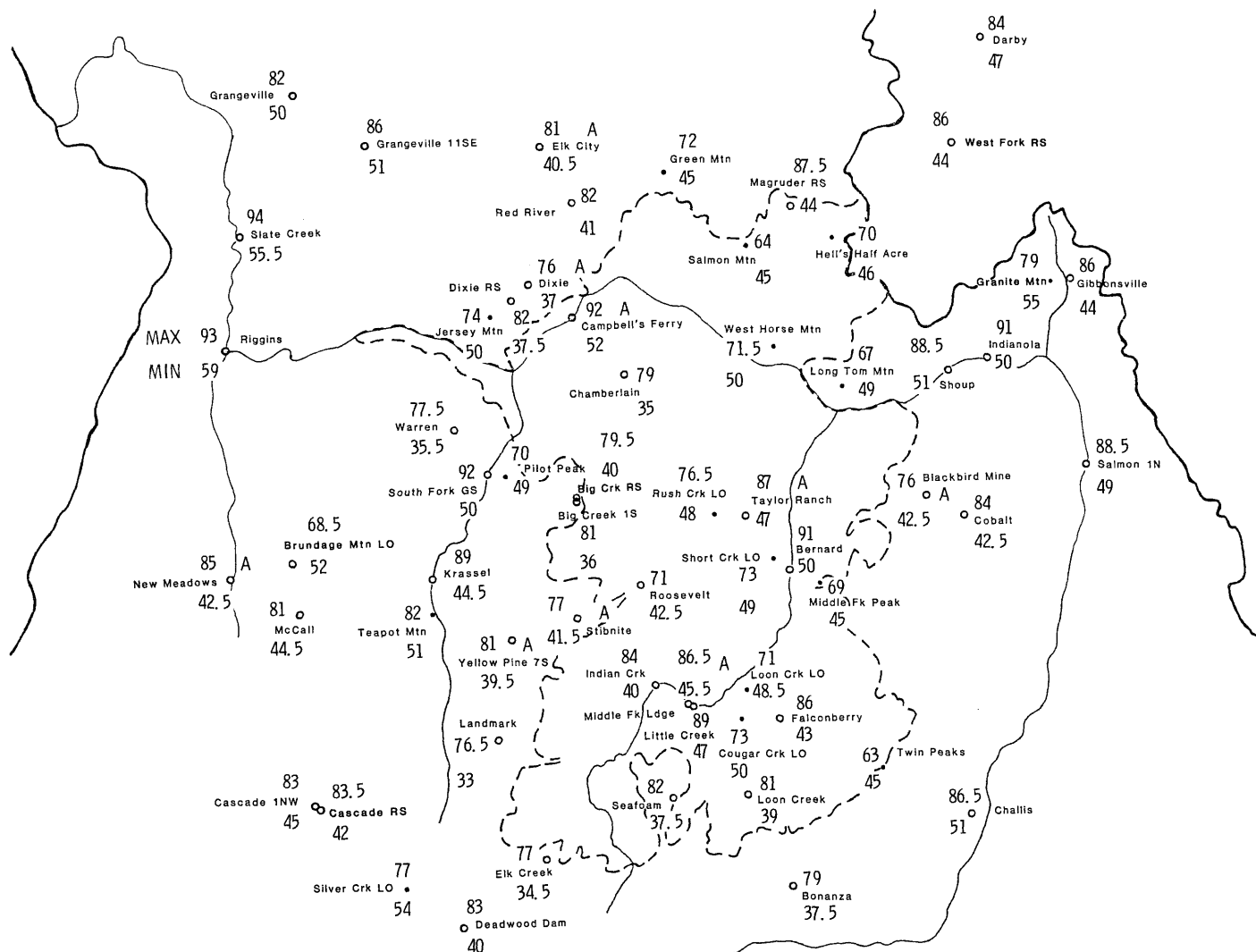


Figure 20—Average daily maximum and minimum temperatures, °F, during July; as in figure 19, except for early afternoon observation time at some of fire-weather stations (see text).

July lapse rates for these times (and periods) between about 5,000 ft and 10,000 ft in the free atmosphere were 4.8 and 3.8 °F, respectively, per 1,000 ft. The corresponding average January lapse rates were 3.0 and 2.4 °F per 1,000 ft.

Figure 21—Relationship between average daily temperatures and elevation, December-January; at canyon and valley stations in or near RNR. Based on or adjusted to period 1951-80. Averages at stations with morning observation time (fig. 19) have been raised 1.0 °F for better compatibility with other stations, having afternoon observation time (see text). LR (lapse rate) is slope of calculated regression line, converted to °F per 1,000 ft; for 20 stations (solid line) and 18 stations (dashed line), excluding Riggins and Stibnite. Mean temperature is based on arithmetic average of daily maximum and minimum values.

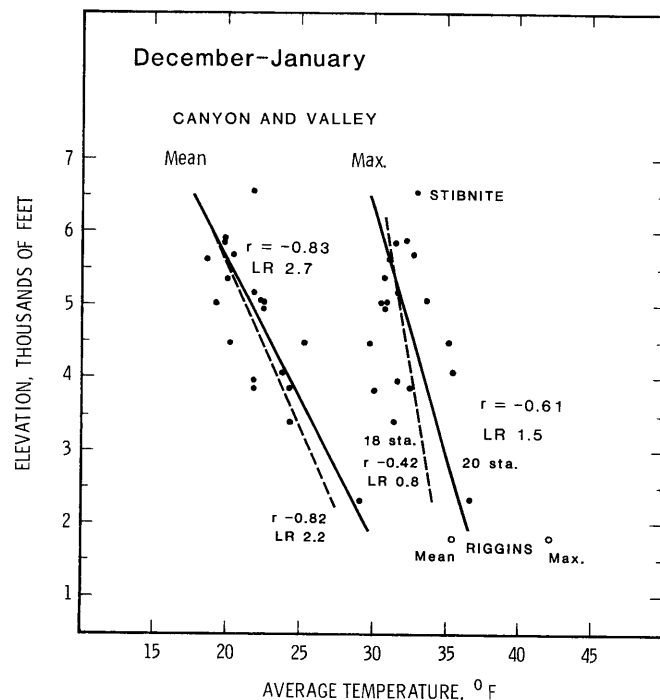
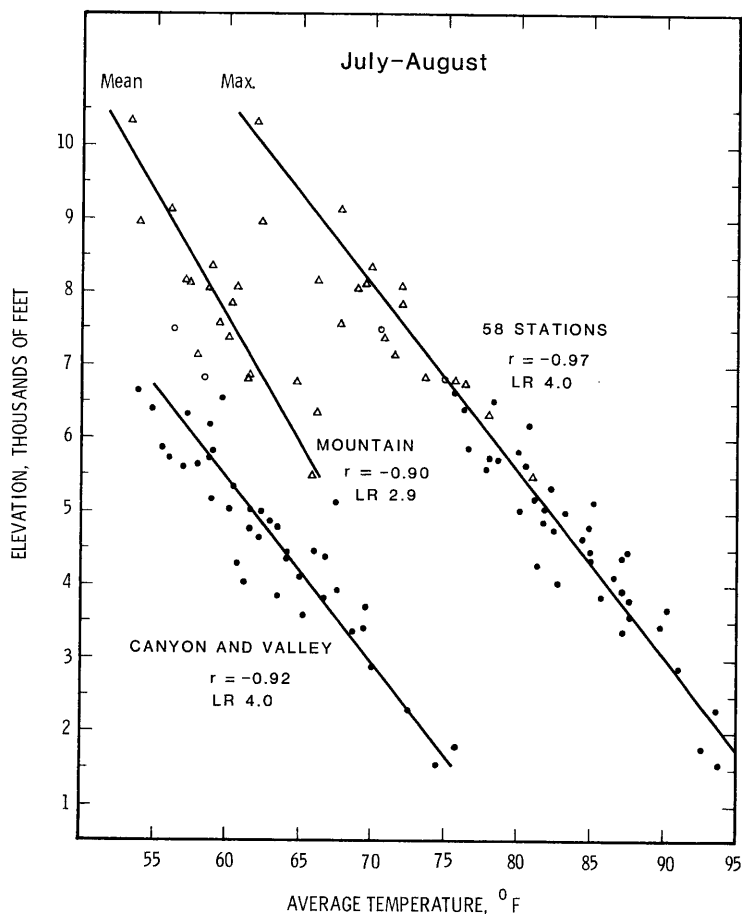


Figure 22—Relationship between average daily temperatures and elevation, July-August, shown as in figure 21; for canyon and valley stations (dots) and mountain (lookout) stations (triangles). Average maximums have been raised 2.0 °F and means 1.0 °F at stations with morning observation time (fig. 20), for better compatibility (see text). Means at two high-elevation mine locations (open circles) are not included in regression-line calculation.



## EXTREME TEMPERATURES

Observed highest and lowest temperatures of record are summarized in table 5. The extreme-maximum values, like the average summer daytime temperatures, generally decrease with elevation. The extreme-minimum values also show an overall decrease, comparing valley or canyon locations, but much local variation may occur. There is relatively small year-to-year variation in the annual extreme

maximums, with standard deviations about 3 °F. The more variable annual extreme minimums have standard deviations of 7 to 9 °F.

Data from table 5 and additional stations indicate that extreme maximums in the past 55 years (since 1930) at lower canyon locations have ranged from about 105 to at least 114 °F—observed at Campbell's Ferry and Riggins in August 1961. In an "average" year, these extremes range

**Table 5**—Annual extreme maximum and minimum temperatures, °F: Average (Avg.), standard deviation (SD), and highest and lowest observed. Averages based on or adjusted to period 1951-80; SD for 1951-80 or indicated years; highest and lowest for available years during 1951-85

| Station                                  | Extreme maximum |     |                               | Extreme minimum |     |                           |
|------------------------------------------|-----------------|-----|-------------------------------|-----------------|-----|---------------------------|
|                                          | Avg. annual     | SD  | Highest, mo, yr               | Avg. annual     | SD  | Lowest mo, yr             |
| Big Creek 1 S<br>1951-67                 | 93              | 2.6 | 97<br>July '59, '60; Aug. '61 | -30             | 8.5 | -42<br>Dec. '64           |
| Blackbird Mine                           | 88              |     |                               | -19             |     |                           |
| Campbell's Ferry<br>1961-85 <sup>1</sup> | 106             | 2.9 | 114<br>Aug. '61               | -6              |     | -18<br>Jan. '79           |
| Cascade 1 NW                             | 94              | 2.6 | 100<br>July '60; Aug. '61     | -20             | 7.8 | -36<br>Jan. '62; Dec. '78 |
| Challis                                  | 97              | 2.4 | 103<br>Aug. '61               | -16             | 8.8 | -34<br>Dec. '83           |
| Cobalt<br>1966-85                        | 96              | 2.4 | 100<br>July '73               | -22             | 7.3 | -34<br>Dec. '78           |
| Deadwood Dam <sup>2</sup><br>1949-74     | 95              | 2.7 | 101<br>Aug. '61               | -29             | 6.1 | -38<br>Jan. '59, '62      |
| Dixie                                    | 90              | 2.8 | 99<br>Aug. '61                | -32             | 8.0 | -48<br>Dec. '64           |
| Elk City                                 | 96              | 3.2 | 103<br>Aug. '61               | -30             | 7.8 | -48<br>Dec. '83           |
| Gibbonsville<br>1964-79, 84-85           | 96              | 1.7 | 100<br>July '85               | -22             | 7.4 | -36<br>Dec. '78           |
| McCall <sup>3</sup>                      | 92              | 2.9 | 98<br>Aug. '61                | -18             | 6.6 | -31<br>Jan. '62; Dec. '83 |
| Middle Fork Lodge<br>1971-85             | 100             | 1.9 | 103<br>July '73, '85          | -12             | 7.4 | -28<br>Dec. '83           |
| New Meadows                              | 97              | 2.8 | 104<br>July '60               | -26             | 8.0 | -45<br>Dec. '83           |
| Riggins                                  | 107             | 3.2 | 114<br>Aug. '61               | 4               | 8.6 | -10<br>Jan. '57           |
| Salmon <sup>4</sup> -Salmon 1 N          | 100             | 2.5 | 105<br>July '60               | -19             | 9.7 | -35<br>Feb. '56           |
| Shoup <sup>5</sup><br>1966-85            | 99              | 1.7 | 104<br>July '85               | -10             | 7.7 | -23<br>Jan. '79           |
| Stibnite                                 | 89              |     |                               | -18             |     |                           |
| Warren<br>1960-85                        | 89              | 2.5 | 94<br>Aug. '61                | -30             | 8.9 | -45<br>Dec. '78           |
| Yellow Pine 7 S<br>1971-85               | 93              | 2.0 | 96<br>Aug. '72; July '73      | -23             | 7.3 | -35<br>Jan. '79           |
| Hell's Half Acre<br>1954-83              | 82              | 2.8 | 86<br>July '60; Aug. '61, '69 |                 |     |                           |

<sup>1</sup>For maximum; 1977-84 for minimum.

<sup>2</sup>Lowest prior to 1951, -45 in Jan. '43; -48 at former Deadwood site in Feb. '33.

<sup>3</sup>Highest prior to 1951, 99 in July '36; lowest, -35 in Jan. '43.

<sup>4</sup>Station moved 1 mile north in 1968. Highest prior to 1951, 106 in July '36; lowest, -37 in Jan. '37.

<sup>5</sup>Maximum of 107 observed at nearby Indianola in July '60 (Aug. '61 data not available); also 107 in July '60 at Bernard and Krassell, 104 at Little Creek.

from about 100 to 107 °F. The corresponding 55-year extreme minimums are generally -20 to -30 °F, although only -10 °F at Riggins; average annual extremes are about -5 to -15 °F (but a milder +4 °F at Riggins). At 5,000- to 6,000-ft valley and canyon locations, the extreme maximums and minimums have reached about 95 to 100 °F and -35 to -50 °F, respectively; for example, 101 °F at Deadwood Dam in August 1961 and -48 °F at Deadwood (near the dam location) in February 1933 and at Dixie in December 1964. The average annual values are about 90 to 95 °F and -18 to -32 °F. Extreme maximums have reached the upper 80's at lookout locations near 8,000 ft.

### **FREEZING TEMPERATURE THRESHOLDS**

The "frost-free" or freeze-free season, based on a 32 °F minimum temperature, is virtually nonexistent in some of the higher valley and canyon locations. This absence may apply nearly as well for a 28 °F threshold, sometimes used to define a "killing frost"—particularly in basinlike terrain which serves as a pond for nighttime cool-air drainage (Geiger 1965; Schroeder and Buck 1970). Examples, shown in table 6, include the stations at Big Creek, Dixie, and Warren; Chamberlain (fig. 20), with similarly low average minimum temperatures, is evidently also in this category. At these locations, the period between 28 °F occurrences averages at most 35 to 40 days, from early July to mid-August, but this temperature can occur on any date during individual summers. Not shown, the corresponding interim at the former Landmark Ranger Station averaged 9 days (using July 31 as a season division point). Following these frosty summer mornings, maximum temperatures are commonly in the 70's and 80's.

The season between 32 °F occurrences averages 65 days at McCall, from late June to late August; 106 days for 28 °F. The listed standard deviations (table 6) indicate that in two-thirds of the years, "last" and "first" frosts should occur within about 15 days of the average dates. In the lower canyons, the season averages about 100 to 150 days for 32 °F, increasing farther west to 182 days at Riggins; about 140 to 180 days for 28 °F, but up to 218 days at Riggins.

In extreme cases, July-August minimum temperatures have been as low as 25 to 35 °F in the lower canyons (though just 42 °F at Riggins) and 20 to 25 °F in the 5,000- to 6,000-ft valleys and canyons. Minimums in the teens have occurred at Landmark Ranger Station in both July and August, with 11 °F on 2 days in August 1960.

Longer seasons between freezes than those shown in table 6 can, in general, be expected at adjacent slope locations—in connection with nighttime inversions.

## **Relative Humidity**

### **ANNUAL REGIME**

The general annual course of afternoon relative humidity in the RNR area is indicated in figure 23, using adjacent airport data. The plotted May-September averages from lower canyon fire-weather stations follow a closely parallel course during at least this portion of the year. The numerical values of relative humidity tend to vary inversely with temperature (Schroeder and Buck 1970), and this accounts largely for the high values in winter, even though the "absolute humidity" (as indicated by the dewpoint temperature) is then lowest. (Monthly average dewpoint at Missoula, MT, for example, ranges from 15 °F in January to 45 °F in July.) Likewise, relative humidity generally averages lowest around midafternoon, but the afternoon values tend to increase with elevation (and lower temperature).

As estimated from figure 23, midafternoon relative humidity averages generally between 65 and 80 percent during December and January, depending on location. A late winter and early spring decrease brings April averages down to about 35 to 45 percent. Related to the late spring shower activity, only a slight further decrease, if any, occurs in the May and June humidity averages. This is followed by a pronounced decrease to annual minimum values in July and August—and the steep rising trend in autumn. July-August averages for early afternoon, to be shown in greater detail, range from about 25 percent in the lower canyons to 30 to 35 percent at 5,000- to 6,000-ft west-side locations and around 40 percent at lookouts near 8,000 ft; midafternoon values average several percentage units lower.

Nighttime relative humidity, which usually reaches a maximum value near dawn, shows greater areal variation than the afternoon averages—particularly in summer. The Boise and Missoula airport stations have 5 a.m. monthly averages of 77 to 81 percent and 85 to 87 percent, respectively, during November through February, but the averages diverge to 53 and 76 percent, respectively, in July. In the RNR, many of the valley and canyon locations with strong nighttime cooling apparently have early morning humidity averaging 90 percent or higher throughout the year. Much lower summer nighttime values typically occur at lookouts and slope locations, above the cool inversion layer.

### **TEMPERATURE AND RELATIVE HUMIDITY DURING THE FIRE SEASON**

#### **Averages and Frequencies of Afternoon Values—**

Figure 24 portrays, with 10-day detail, the average course of early afternoon temperature (dry bulb) and relative humidity during the fire season. The two sets of curves, averaged for the indicated station groupings, give a general though somewhat reduced range of numerical values for canyon and valley locations. Individual station details are given in table 25 (appendix). As mentioned at the beginning of this report, the 1964-83 period used here may not closely represent another 20-year period. Likewise, the averages, based on 1300 m.s.t. observations, do not quite represent the afternoon extreme conditions.

**Table 6**—Freezing temperature thresholds. Mean, median (Med.), earliest recorded, and latest recorded dates of last-spring and first-autumn occurrences of specified minimum temperatures (Min.), °F; season division taken as July 31. SD is standard deviation, days. Mean and median based on or adjusted (Adj.) to period 1951-80; extreme dates as observed during 1951-85, except as noted (Extr.). E denotes estimated (missing data); blank column, item not calculated

| Station              | Min. | Date of occurrence <sup>1</sup> |    |      |          |        |                 |    |       |          |        | No. days interval |    |
|----------------------|------|---------------------------------|----|------|----------|--------|-----------------|----|-------|----------|--------|-------------------|----|
|                      |      | Last in spring                  |    |      |          |        | First in autumn |    |       |          |        |                   |    |
|                      |      | Mean                            | SD | Med. | Earliest | Latest | Mean            | SD | Med.  | Earliest | Latest | Mean              | SD |
| Big Creek 1 S        | 32   | 7/25                            |    |      | 7/17     | 7/31   | 8/ 5            |    |       | 8/ 1     | 8/ 9   | 11                |    |
| Adj.                 | 28   | 7/ 9                            |    |      | 6/ 3     | 7/31   | 8/18            |    |       | 8/ 1     | 9/13   | 40                |    |
| Extr. 1951-67        | 24   | 6/10                            |    |      | 5/14     | 7/29   | 9/ 8            |    |       | 8/12     | 10/15  | 90                |    |
| Blackbird Mine       | 32   | 7/ 1                            |    |      |          |        | 8/27            |    |       |          |        | 57                |    |
| Adj.                 | 28   | 6/14                            |    |      |          |        | 9/10            |    |       |          |        | 88                |    |
|                      | 24   | 5/19                            |    |      |          |        | 9/23            |    |       |          |        | 127               |    |
| Campbell's Fy.       | 32   | 5/ 9                            |    |      |          |        | 10/ 2           |    |       |          |        | 146               |    |
| Adj.                 | 28   | 4/22                            |    |      |          |        | 10/18           |    |       |          |        | 179               |    |
|                      | 24   | 3/27                            |    |      |          |        | 11/ 2           |    |       |          |        | 220               |    |
| Cascade 1 NW         | 32   | 6/18                            | 19 | 6/23 | 5/14     | 7/22   | 9/ 3            | 14 | 9/ 2  | 8/ 4     | 10/16  | 77                | 25 |
|                      | 28   | 5/30                            | 18 | 5/29 | 4/25     | 7/ 8   | 9/13            | 14 | 9/12  | 8/28     | 10/26  | 106               | 26 |
|                      | 24   | 5/ 5                            | 16 | 5/ 2 | 4/ 9     | 6/29   | 10/ 2           | 16 | 9/30  | 9/ 4     | 10/27  | 150               | 22 |
| Challis              | 32   | 5/28                            | 21 | 5/26 | 4/17     | 7/ 2   | 9/17            | 10 | 9/16  | 8/28     | 10/17  | 112               | 24 |
|                      | 28   | 5/13                            | 16 | 5/12 | 4/16     | 6/26   | 10/ 1           | 11 | 9/30  | 9/13     | 10/27  | 141               | 19 |
|                      | 24   | 4/24                            | 10 | 4/24 | 4/ 6     | 5/16   | 10/12           | 12 | 10/15 | 9/17     | 10/30  | 171               | 16 |
| Cobalt               | 32   | 6/27                            |    |      | 6/ 9     | 7/18   | 8/25            |    |       | 8/ 4     | 9/13   | 59                |    |
| Adj.                 | 28   | 6/ 8                            |    |      | 5/ 6     | 7/ 8   | 9/13            |    |       | 9/ 2     | 9/30   | 97                |    |
| Extr. 1966-85        | 24   | 5/14                            |    |      | 4/13     | 5/31   | 9/23            |    |       | 9/ 2     | 10/ 9  | 132               |    |
| Deadwood Dam         | 32   | 7/18                            | 11 |      | 6/29     | 7/31   | 8/15            | 12 |       | 8/ 1     | 9/11   | 28                | 18 |
| Adj.                 | 28   | 6/26                            | 19 |      | 5/18     | 7/30   | 8/27            | 13 |       | 8/ 2     | 9/20   | 62                | 26 |
| Extr. 1949-74        | 24   | 5/29                            | 20 |      | 4/25     | 7/ 7   | 9/19            | 12 |       | 9/ 3     | 10/24  | 113               | 25 |
| Dixie                | 32   | 7/24                            | 9  | 7/28 | 6/29     | 7/31   | 8/ 6            | 5  | 8/ 4  | 8/ 1     | 8/29   | 13                | 11 |
|                      | 28   | 7/10                            | 17 | 7/13 | 6/ 1     | 7/31   | 8/14            | 11 | 8/13  | 8/ 1     | 9/ 6   | 35                | 22 |
|                      | 24   | 6/ 5                            | 22 | 5/31 | 5/ 1     | 7/29   | 9/ 6            | 11 | 9/ 4  | 8/12     | 10/ 2  | 93                | 28 |
| Elk City             | 32   | 7/13                            | 18 | 7/19 | 5/26     | 7/31   | 8/11            | 10 | 8/ 7  | 8/ 1     | 9/ 7   | 30                | 21 |
|                      | 28   | 6/13                            | 27 | 6/ 4 | 5/ 1     | 7/29   | 9/ 2            | 18 | 9/ 1  | 8/ 1     | 10/17  | 81                | 38 |
|                      | 24   | 5/ 8                            | 16 | 5/ 2 | 4/17     | 6/ 3   | 9/20            | 16 | 9/17  | 8/29     | 10/26  | 138               | 22 |
| Gibbonsville         | 32   | 6/22                            |    |      | 5/27     | 7/ 7   | 9/ 3            |    |       | 8/23     | 9/24   | 73                |    |
| Adj.                 | 28   | 6/ 2                            |    |      | 5/ 5     | 6/28   | 9/15            |    |       | 8/30     | 10/24  | 105               |    |
| Extr. 1966-79, 84-85 | 24   | 5/10                            |    |      | 4/19     | 5/30   | 9/30            |    |       | 9/14     | 10/26  | 143               |    |
| McCall               | 32   | 6/22                            | 17 | 6/28 | 5/16     | 7/22   | 8/26            | 14 | 8/28  | 8/ 1     | 9/22   | 65                | 26 |
|                      | 28   | 5/29                            | 17 | 5/28 | 5/ 1     | 7/ 8   | 9/12            | 14 | 9/11  | 8/ 9     | 10/25  | 106               | 24 |
|                      | 24   | 5/ 8                            | 16 | 5/ 5 | 4/13     | 6/26   | 10/ 1           | 17 | 9/30  | 9/ 2     | 11/ 6  | 145               | 25 |
| Middle Fk Lodge      | 32   | 6/ 6                            |    |      | 5/14E    | 7/ 8   | 9/11            |    |       | 8/23     | 10/ 3  | 97                |    |
| Adj.                 | 28   | 5/12                            |    |      | 4/13     | 6/ 8   | 9/26            |    |       | 9/ 2     | 10/27  | 137               |    |
| Extr. 1971-85        | 24   | 4/26                            |    |      | 4/ 7     | 6/ 6   | 10/16           |    |       | 9/17     | 11/ 9E | 173               |    |
| New Meadows          | 32   | 7/ 1                            | 17 | 7/ 2 | 6/ 1     | 7/31   | 8/20            | 12 | 8/23  | 8/ 1     | 9/13   | 51                | 21 |
|                      | 28   | 6/ 5                            | 21 | 5/30 | 4/29     | 7/29   | 9/ 7            | 10 | 9/ 7  | 8/17     | 9/30   | 96                | 23 |
|                      | 24   | 5/17                            | 15 | 5/18 | 4/16     | 6/26   | 9/21            | 11 | 9/18  | 9/ 4     | 10/16  | 128               | 21 |
| Riggins              | 32   | 4/22                            | 17 | 4/21 | 3/16     | 5/31   | 10/21           | 15 | 10/24 | 9/15     | 11/22  | 182               | 21 |
|                      | 28   | 4/ 3                            | 13 | 4/ 1 | 2/ 5     | 4/26   | 11/ 7           | 17 | 11/ 3 | 10/ 6    | 12/23  | 218               | 20 |
|                      | 24   | 3/ 4                            | 26 | 3/12 | 1/ 7     | 4/14   | 11/24           | 20 | 11/21 | 10/13    | 1/12   | 265               | 35 |
| Salmon 1 N           | 32   | 5/30                            | 16 | 5/26 | 5/ 1     | 7/ 2   | 9/15            | 12 | 9/15  | 8/14     | 10/16  | 108               | 19 |
|                      | 28   | 5/11                            | 16 | 5/12 | 4/15     | 7/ 2   | 9/25            | 12 | 9/22  | 8/28     | 10/24  | 137               | 22 |
|                      | 24   | 4/24                            | 9  | 4/22 | 4/ 9     | 5/11   | 10/ 7           | 11 | 10/ 7 | 9/17     | 10/27  | 166               | 16 |
| Shoup                | 32   | 5/19                            |    |      | 4/15     | 6/ 4   | 9/26            |    |       | 9/14     | 10/23  | 130               |    |
| Adj.                 | 28   | 4/30                            |    |      | 4/ 8     | 5/16   | 10/ 6           |    |       | 9/18     | 10/30  | 159               |    |
| Extr. 1966-85        | 24   | 4/ 9                            |    |      | 3/ 8     | 5/12   | 10/24           |    |       | 9/20     | 11/14  | 198               |    |
| Stibnite             | 32   | 7/ 7                            |    |      |          |        | 8/21            |    |       |          |        | 45                |    |
| Adj.                 | 28   | 6/18                            |    |      |          |        | 9/ 7            |    |       |          |        | 81                |    |
|                      | 24   | 6/ 3                            |    |      |          |        | 9/28            |    |       |          |        | 117               |    |
| Warren               | 32   | 7/24                            | 8  | 7/26 | 6/30     | 7/31   | 8/ 6            | 7  | 8/ 3  | 8/ 1     | 8/29   | 13                | 11 |
| 1960-85              | 28   | 7/11                            | 14 | 7/12 | 6/10     | 7/31   | 8/14            | 11 | 8/ 3  | 8/ 1     | 8/29   | 34                | 19 |
|                      | 24   | 6/16                            | 22 | 6/13 | 5/14     | 7/24   | 9/ 3            | 12 | 9/ 6  | 8/ 6     | 9/20   | 79                | 30 |
| Yellow Pine 7 S      | 32   | 6/27                            |    |      | 6/12     | 7/31   | 8/22            |    |       | 8/ 1     | 9/ 5   | 56                |    |
| Adj.                 | 28   | 6/10                            |    |      | 5/27     | 7/ 9   | 9/ 9            |    |       | 8/ 9     | 9/15   | 91                |    |
| Extr. 1970-85        | 24   | 5/13                            |    |      | 4/18     | 6/27   | 9/27            |    |       | 9/ 8     | 10/ 3  | 137               |    |

<sup>1</sup>Month number/day number; thus 5/14 is May 14.

The curves in figure 24 reveal an accelerated trend in late June toward the peak warm, dry conditions of July and August—corresponding with the seasonal decrease in precipitation (fig. 8). During late July-early August, the early afternoon temperatures average about 90 °F at some of the lower canyon locations (along the main Salmon River below 3,000 ft). Corresponding relative humidity

averages near 25 percent over a larger canyon area (including portions of the Middle Fork Salmon and South Fork Salmon). The values portrayed in figure 24 may average 4 or 5 °F below the daily maximum temperatures and about 5 percent below the daily minimum relative humidity; this is indicated in table 7.

Figure 23—Monthly average relative humidity, percent, near 1700 m.s.t., at National Weather Service airport stations adjacent to RNR. Based on years 1940-81 at Boise, ID; 1945-81 at Missoula, MT. Dashed line shows humidity average for five lower canyon fire-weather stations in or near wilderness, at about 1300 m.s.t., based on available 1964-83 data; stations are at Riggins, Campbell's Ferry, Indianola, Krassell, and Little Creek.

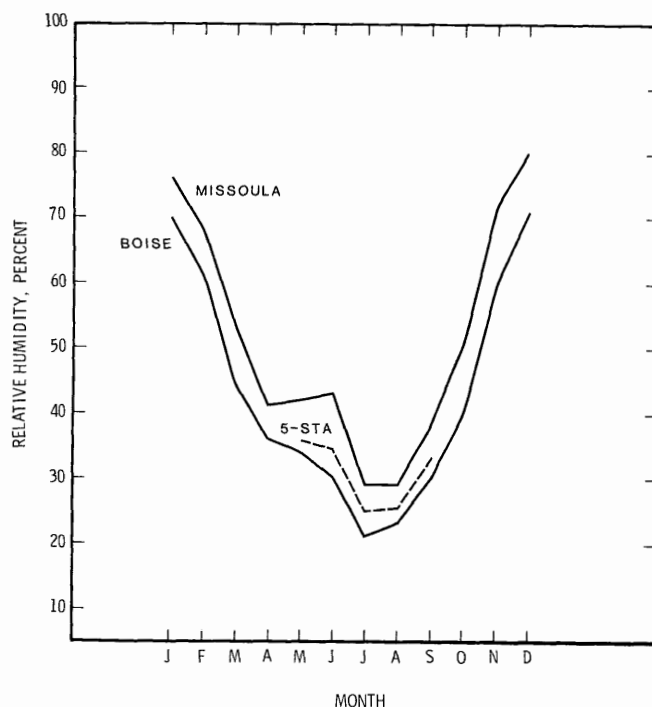


Figure 24—Ten-day average dry bulb temperature and relative humidity at afternoon fire-weather observation time, mostly near 1300 m.s.t., based on 1964-83. Dots, plotted at mid-points of 10 (or 11)-day periods, represent average for five lower canyon (LWR) stations; X symbols, average for four higher valley (HIR) stations (elevations 5,025 to 6,680 ft). Curves are drawn through smoothed values (except at end points), obtained by 1-4-1 weighting factor.

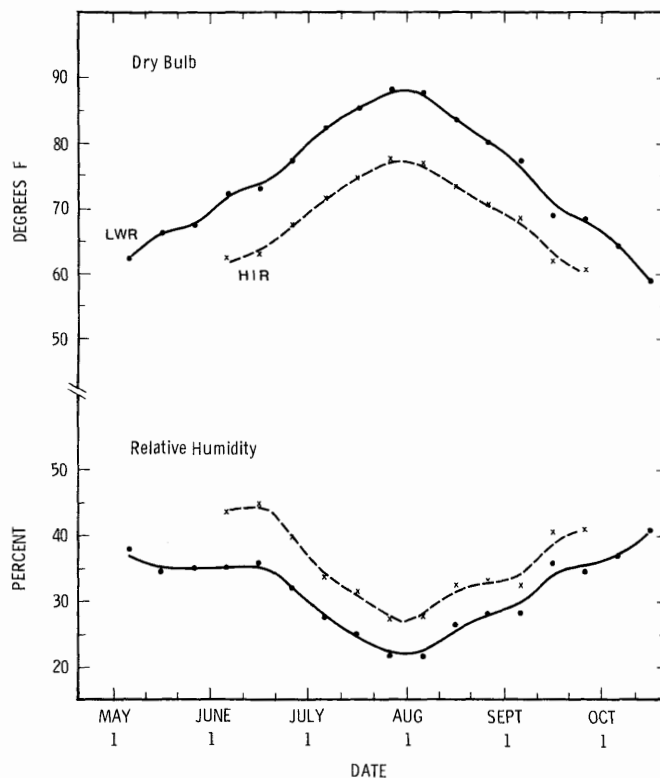


**Table 7**—Left: Average reported daily maximum and minimum relative humidity (RH), percent, at fire-weather stations,<sup>1</sup> July-August; based on available years during 1964-83. Min.-Ob. is difference between average minimum and corresponding average RH at afternoon observation time, mostly near 1300 m.s.t.<sup>2</sup> The 20-year, 1964-83, average minimum RH may be estimated by adding Min.-Ob. to Ob.20, which is the 20-year average at observation time. Right: July-August average daily maximum temperature, °F, during 1968-83 except as noted; based on 24 hours ending at afternoon observation time. Max.-DB is difference between average maximum and corresponding average dry bulb (DB) temperature

| Station                     | July-August average RH,<br>for years shown at left |      |          |                   | July-August<br>average temp.,<br>1968-83 |         |
|-----------------------------|----------------------------------------------------|------|----------|-------------------|------------------------------------------|---------|
|                             | Max.                                               | Min. | Min.-Ob. | Ob.20             | Max.                                     | Max.-DB |
| Bonanza<br>1972-83          | 89.1                                               | 26.2 | - 4.1    | 29.0              | 77.6                                     | + 4.4   |
| Campbell's Ferry<br>1969-78 | 75.6                                               | 23.8 | - 2.9    | <sup>3</sup> 25.7 | <sup>4</sup> 92.4                        | + 5.7   |
| Cascade<br>1968-83          | 84.0                                               | 25.8 | - 4.2    | 29.4              | 82.0                                     | + 5.0   |
| Challis<br>1969-83          | 62.4                                               | 20.1 | - 4.0    | 23.4              | 84.4                                     | + 4.7   |
| Indianola<br>1968-83        | 88.8                                               | 25.4 | - 2.5    | 26.8              | 89.9                                     | + 6.4   |
| Krassel<br>1973-83          | 91.2                                               | 18.1 | - 7.5    | 23.3              | 87.4                                     | + 4.9   |
| Landmark<br>1968-81         | 92.0                                               | 25.6 | - 4.5    | <sup>3</sup> 30.2 | 75.8                                     | + 4.4   |
| Little Creek<br>1975-83     | 82.5                                               | 23.6 | - 5.6    | 24.5              | 86.6                                     | + 5.4   |
| McCall<br>1971-83           | 92.2                                               | 27.2 | - 7.2    | 33.0              | 80.3                                     | + 4.8   |
| Red River<br>1964-83        | 95.9                                               | 32.8 | - 5.1    | 37.9              | 80.6                                     | + 5.4   |
| Riggins<br>1964-83          | 64.0                                               | 23.0 | - 2.8    | 25.8              | 91.8                                     | + 5.4   |
| Hell's Half Acre<br>1965-83 | 72.1                                               | 34.4 | - 8.9    | 43.4              | 68.8                                     | + 5.8   |

<sup>1</sup>Data from hygrothermographs of uncertain accuracy; calibration errors may compensate over a period of years.

<sup>2</sup>Observations near 1600 m.s.t. prior to 1974 at Campbell's Ferry, Red River, Riggins, and Hell's Half Acre; prior to late 1960's at other stations.

<sup>3</sup>Average from shorter period adjusted to 1964-83.

<sup>4</sup>For 1968-78.

The areal pattern of summertime (July-August) early afternoon temperature and humidity is depicted in figure 25. Some of the 20-year averages were calculated (using the previously mentioned "difference method") from only a few years of data and thus represent only a "best estimate." A tendency is shown—at various elevations—for higher average humidity toward the northern edge of the RNR area, where there is also somewhat greater July-August precipitation (fig. 6). Overall, the data from 38 stations (excluding outlying Elk City and Challis) show an average (regression-line) increase in relative humidity with elevation, at a rate of 2.3 percent per 1,000 ft ( $r$ , 0.83). Between neighboring canyon and lookout, the calculated humidity increase is closer to 3.0 percent per 1,000 ft. The overall temperature lapse rate, from all available stations in figure 25, is 3.9 °F per 1,000 ft, with  $r$  - 0.97. These values are nearly identical to those obtained for July-August maximum temperature (fig. 22).

The frequencies of selected afternoon temperature and humidity values, or thresholds, are graphed in figure 26, again for two station groupings. Details for individual stations are presented in table 26 (appendix). The frequency curves tend to follow the seasonal pattern of average values (fig. 25)—inversely in the case of low relative humidity thresholds. The curves, like the average values, show a generally steepening trend beginning in late June.

With the previous caution regarding the 1964-83 period, the frequencies may be regarded as approximate climatic probabilities. Thus, the chance of early afternoon humidity below 15 percent, at an "average" lower canyon location (fig. 26), would hold steady at about 6 percent during mid-May through mid-June, rise to 30 percent or higher during late July-early August, and fall to 5 percent in late September. A smaller chance, peaking at about 12 percent, is indicated near 6,000 ft. The chance of early afternoon temperatures reaching 90 °F or higher would be 40 to 50



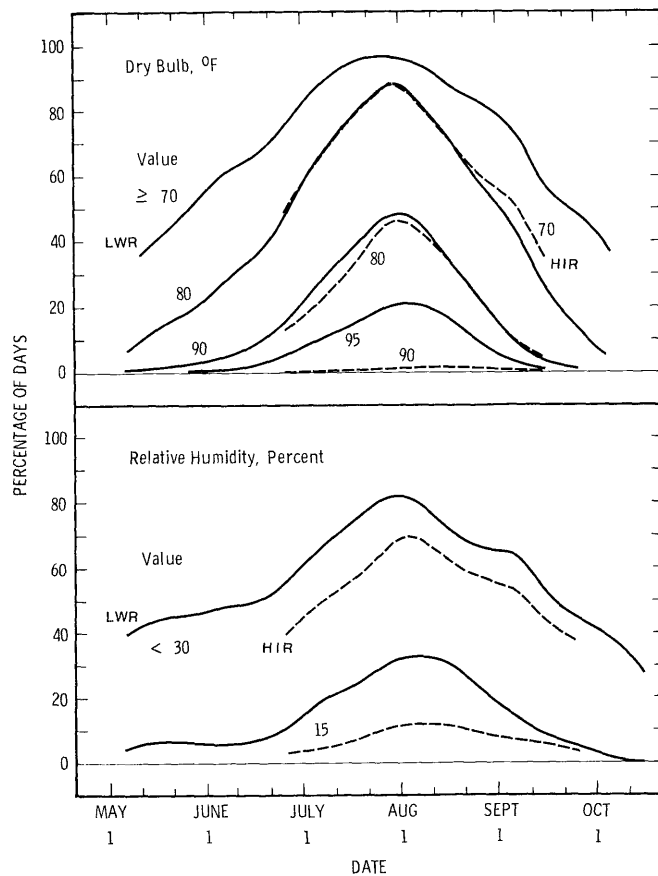


Figure 26—Percentage frequency of days with indicated dry bulb temperature and relative humidity values at afternoon fire-weather observation time, mostly near 1300 m.s.t., for period 1964-83; by 10 (or 11)-day periods. Curves, smoothed, for lower canyon (LWR) and higher valley (HIR) groupings of stations, as in figure 24.

percent during part of July-August at locations near 3,000 ft (more than 60 percent at Campbell's Ferry and Riggins); 1 or 2 percent near 6,000 ft.

The above frequencies, and those of precipitation and thunderstorms, will vary greatly under differing weather-map patterns. In the neighboring Selway-Bitterroot Wilderness (Finklin 1983a), for example, with a dominating upper-air ridge, the 14-year frequency of July-August midafternoon humidity  $\leq 30$  percent was about 95 percent for two ranger stations. With an upper-air trough, the frequency was about 25 percent.

The relationship between frequencies and average values has been plotted for afternoon temperature in figure 27; for relative humidity in figure 28. The drawn curves may be used to estimate frequencies, or probabilities, elsewhere in the RNR (within elevational limits) during any portion of the fire season. Required input is the corresponding 10-day average value, observed or estimated, at an existing station or other location.

To illustrate use of figure 27, the required probability may be that of a 1300 m.s.t. dry bulb  $\geq 80$  °F during

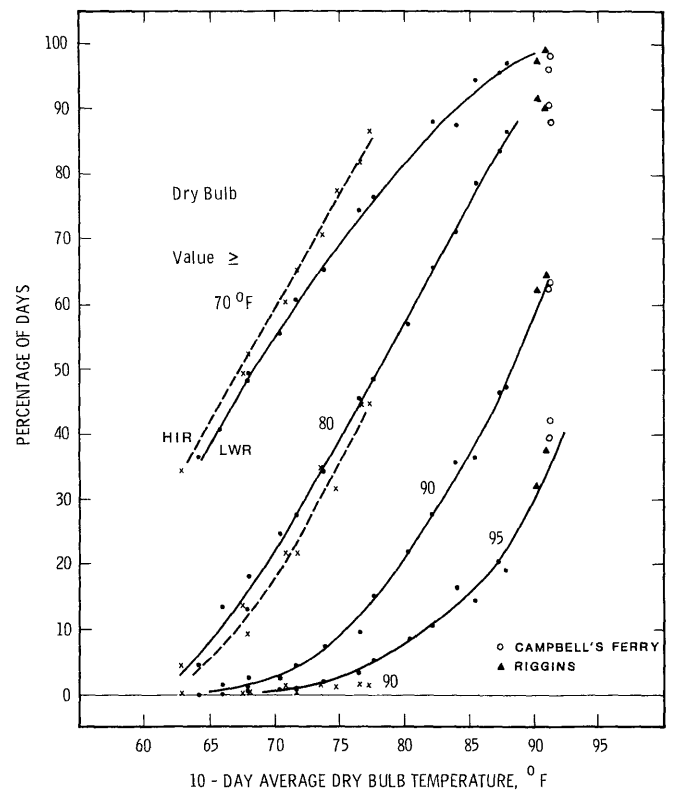


Figure 27—Relationship between 10 (or 11)-day average dry bulb temperature and percentage frequency of indicated values, during fire season; at afternoon observation time, mostly near 1300 m.s.t. Based on period 1964-83. Curves fitted by eye. For two groupings of stations as in figures 24 and 26; plotted points based on smoothed 10-day values. Data cover season May 11-October 10 at lower canyon stations; June 11-September 20 at higher valley stations. Additional points, unsmoothed values, are plotted for individual stations.

September 1-10 at a 3,000-ft location. From figure 24, the September 1-10 climatic average is estimated at 77 °F. Entering figure 27 (horizontal scale) at this value, a line is projected vertically until it intersects the "lower canyon" 80 °F curve. The probability (percentage of days), read by a horizontal line projection from this point, is 47 percent. Probability estimates for temperatures within a range, such as 80-89 °F, can be obtained as the percentage difference between probabilities read from the bracketing curves. In the above case, the result would be 34 percent—the 47 percent value obtained for a dry bulb  $\geq 80$  °F minus 13 percent for a dry bulb  $\geq 90$  °F.

Assuming the figure 27 relationships hold for other times of afternoon, probabilities of specified maximum temperatures (up to 95 °F) may be estimated. The horizontal scale is entered at the appropriate 10-day average maximum value (up to 92 °F), which may be approximated by adding 5 °F to the 1300 m.s.t. average dry bulb.

Analogous procedures are used for probability estimates pertaining to relative humidity (fig. 28).

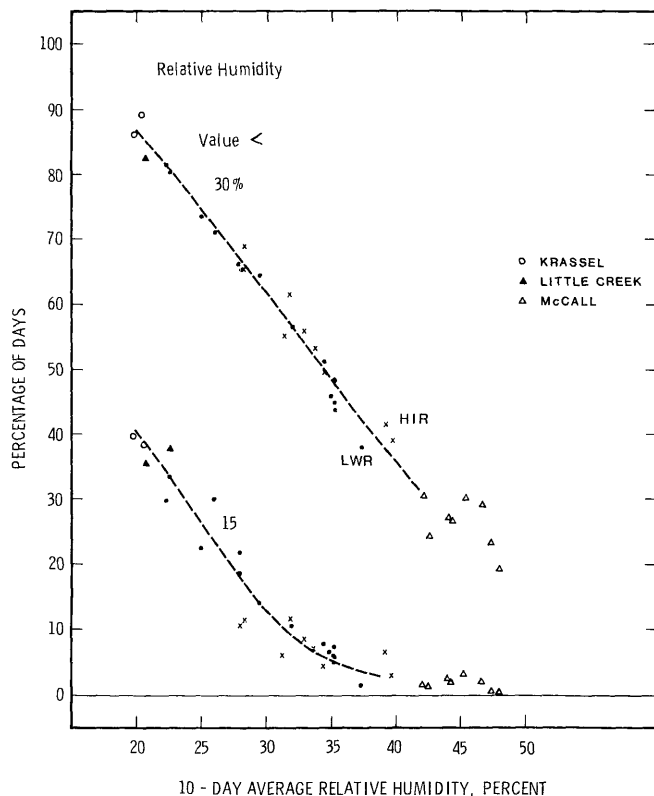


Figure 28—Relationship between 10 (or 11)-day average relative humidity and percentage frequency of indicated values, at afternoon observation time; as in figure 27.

**Diurnal Variation of Temperature and Relative Humidity**—The general diurnal course of summertime temperature and relative humidity is depicted in figure 29 for two different types of location—lower canyon bottom and 8,000-ft lookout. Our choice of stations and months here was limited by the small file of past (Northern Region) hygrothermograph traces available at IFSL—particularly traces representing near-normal monthly conditions and having acceptable calibration accuracy for humidity.

The contrast seen in diurnal ranges illustrates previous comments about nighttime inversion effects and the inverse variation of relative humidity with temperature. Curves for some other canyon or valley locations would probably show average humidity values of 90 percent or higher near dawn (table 7), compared with the 79 percent value at Campbell's Ferry. Figure 29 indicates that the warmest, driest time of day in July is usually near 1500 to 1600 m.s.t. The previous fire-weather observation time, in effect before the late 1960's (Intermountain Region) or 1974 (Northern Region), thus tended to represent the afternoon extreme conditions. Temperatures in figure 29 show average rises of 2 to 5 °F at the lookout and canyon station, respectively, between the present fire-weather observation time (1300 m.s.t.) and 1600. The corresponding humidity decreases are about 2 percent. These 3-hour changes will vary somewhat with location.

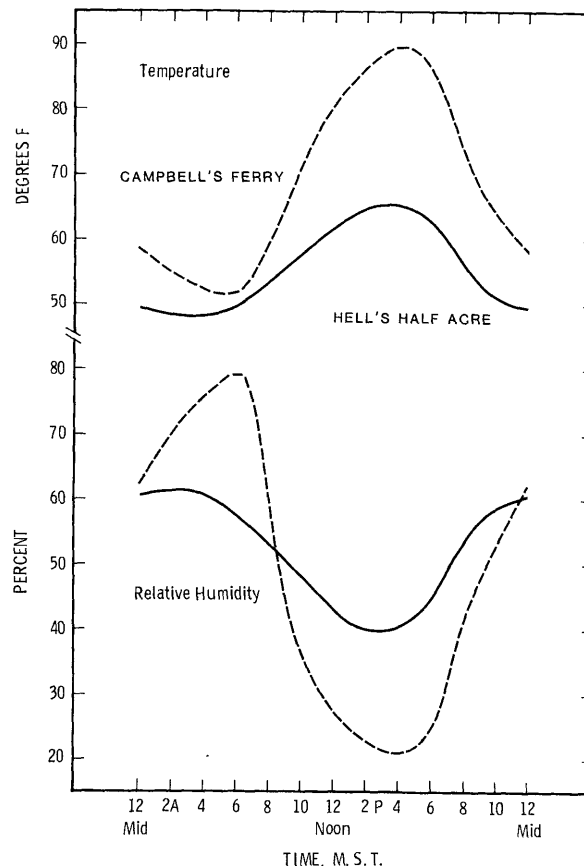


Figure 29—Average diurnal variation of temperature and relative humidity during July at lower canyon and lookout locations; based on limited available data from hygrothermograph (see text). At Campbell's Ferry during 1971 and Hell's Half Acre during 1957 and 1961-62 (3-year average).

**Recent 10-year Anomaly**—The 20-year period 1964-83, used (with little choice) as our primary base for fire-weather data, includes two contrasting successive 10-year periods. As shown in table 8, afternoon dry-bulb temperatures observed during July and August 1974-83 averaged generally 3 to 5 °F lower than those in 1964-73; relative humidity averaged about 5 to 10 percentage units higher. Where available, the June and September averages exhibit little change or even show an opposite tendency. The July and August 1974-83 averages are also noticeably different from those for 1951-70 (table 8), available only for Northern Region stations. This behavior has been found elsewhere in Idaho and Montana (Finklin 1986; Finklin and Fischer 1987).

Part of the 1974-83 anomaly could be explained by the 3-hour change in fire-weather observation time in 1974—judging from figure 29 and diurnal curves elsewhere (Finklin 1983c, 1986). Yet, the anomaly (or fluctuation) is also strong at Intermountain Region stations, where the present observation time was adopted relatively early in the 1964-73 period. The “real” anomaly component reflects a generally cooler, moister summer afternoon regime, apparently related to the greater summertime precipitation during recent years (table 15, appendix).

**Table 8**—Monthly fire-weather averages during 1974-83, at 1300 m.s.t., compared with averages during 1964-73<sup>1</sup> and with available 1951-70 data (differences in parentheses). DB is dry bulb temperature, °F; RH, relative humidity, percent; WS, windspeed, mi/h. Freq <20 is percentage of days with RH less than 20 percent

| Station               | Month | 1974-83, 1300 m.s.t. |      |     |                 | Difference, 1974-83<br>minus 1964-73 (and 1951-70 <sup>2</sup> ) |        |        |             |
|-----------------------|-------|----------------------|------|-----|-----------------|------------------------------------------------------------------|--------|--------|-------------|
|                       |       | DB                   | RH   | WS  | Freq<br><20     | DB                                                               | RH     | WS     | Freq<br><20 |
| Bonanza               | July  | 73.2                 | 32.0 | 6.5 | 29              | -2.5                                                             | +5.9   | +0.9   | -11         |
|                       | Aug.  | 71.3                 | 30.7 | 5.3 | 29              | -3.4                                                             | +3.7   | -0.4   | -11         |
| Cascade               | July  | 76.9                 | 32.1 | 4.4 | 13              | -2.8                                                             | +6.0   | -0.9   | -14         |
|                       | Aug.  | 74.8                 | 33.4 | 4.3 | 14              | -3.5                                                             | +7.0   | -1.6   | -27         |
|                       | Sept. | 66.8                 | 37.7 | 4.5 | 10              | +1.3                                                             | +2.7   | -1.2   | -6          |
| Challis               | June  | 71.4                 | 28.2 | 6.9 | 38              | +0.8                                                             | -2.8   | -0.2   | +13         |
|                       | July  | 80.4                 | 24.1 | 6.6 | 48              | -2.0                                                             | +3.1   | -1.1   | -9          |
|                       | Aug.  | 77.2                 | 26.0 | 5.2 | 43              | -3.4                                                             | +3.7   | -1.9   | -15         |
|                       | Sept. | 68.7                 | 27.2 | 4.4 | 38              | +0.8                                                             | -0.2   | -2.6   | +5          |
| Indianola             | June  | 74.2                 | 35.0 | 5.9 | 16              | 0.0                                                              | +2.1   | -1.3   | -8          |
|                       | July  | 83.5                 | 29.7 | 5.1 | 24              | -3.4                                                             | +8.2   | -2.6   | -35         |
|                       | Aug.  | 80.8                 | 33.5 | 4.4 | 17              | -4.2                                                             | +11.0  | -2.4   | -45         |
|                       | Sept. | 71.7                 | 35.3 | 4.3 | 15              | +1.7                                                             | +2.9   | -1.9   | -10         |
| Krassel               | July  | 81.3                 | 26.1 | 6.8 | 44              | -5.1                                                             | +6.6   | -0.5   | -23         |
|                       | Aug.  | 79.2                 | 26.8 | 7.1 | 43              | -5.7                                                             | +5.8   | +0.1   | -22         |
| Landmark<br>(1974-81) | July  | 71.2                 | 31.3 | 6.8 | 22              | -2.9                                                             | +4.8   | +0.3   | -10         |
|                       | Aug.  | 67.9                 | 33.6 | 6.2 | 24              | -5.0                                                             | +5.9   | -0.8   | -14         |
| Little Creek          | July  | 81.2                 | 27.2 | 7.0 | 37              | -4.0                                                             | +7.3   | -3.2   | -28         |
|                       | Aug.  | 77.7                 | 30.4 | 5.7 | 32              | -5.5                                                             | +10.0  | -4.8   | -35         |
| McCall                | June  | 64.4                 | 45.2 | 6.1 | 2               | -1.6                                                             | +1.0   | +0.9   | -3          |
|                       | July  | 74.7                 | 35.6 | 5.5 | 7               | -3.8                                                             | +6.1   | -0.5   | -15         |
|                       | Aug.  | 73.1                 | 37.0 | 5.4 | 16              | -4.3                                                             | +7.4   | -0.6   | -17         |
|                       | Sept. | 65.5                 | 40.9 | 4.8 | 9               | +1.1                                                             | -0.9   | -0.4   | +2          |
| Red River             | July  | 74.1                 | 41.8 | 4.3 | 5               | -3.5                                                             | +7.4   | -2.0   | -12         |
|                       |       |                      |      |     |                 | (-3.3)                                                           | (+6.3) | (-2.1) | (-8)        |
|                       | Aug.  | 73.3                 | 40.9 | 4.5 | 6               | -3.8                                                             | +6.6   | -2.1   | -15         |
| Riggins               |       |                      |      |     |                 | (-2.0)                                                           | (+4.6) | (-2.1) | (-11)       |
|                       | June  | 76.0                 | 34.9 | 6.3 | 16              | -0.8                                                             | -1.9   | -1.8   | +2          |
|                       |       |                      |      |     |                 | (-1.0)                                                           | (-1.8) | (-1.4) | (+4)        |
|                       | July  | 84.2                 | 30.6 | 6.8 | 19              | -5.4                                                             | +8.6   | -1.8   | -30         |
|                       |       |                      |      |     |                 | (-5.0)                                                           | (+7.4) | (-2.8) | (-24)       |
|                       | Aug.  | 84.4                 | 28.9 | 6.0 | 29              | -4.8                                                             | +7.1   | -2.2   | -31         |
|                       |       |                      |      |     |                 | (-3.1)                                                           | (+5.3) | (-3.1) | (-23)       |
| Hell's Half Acre      | Sept. | 75.2                 | 32.9 | 5.3 | 19              | 0.0                                                              | +2.6   | -1.9   | -8          |
|                       |       |                      |      |     |                 | (-2.5)                                                           | (+3.7) | (-2.7) | (-12)       |
|                       | July  | 61.4                 | 49.0 | 4.9 | <sup>3</sup> 16 | -4.5                                                             | +9.3   | -3.7   | -18         |
|                       |       |                      |      |     |                 | (-4.3)                                                           | (+7.8) | (-4.0) | (-17)       |
|                       | Aug.  | 60.3                 | 49.1 | 5.7 | <sup>3</sup> 15 | -5.8                                                             | +13.7  | -3.8   | -40         |
|                       |       |                      |      |     |                 | (-4.0)                                                           | (+8.3) | (-3.7) | (-28)       |

<sup>1</sup>Observations near 1600 m.s.t. at Red River, Riggins, and Hell's Half Acre; near 1600 m.s.t. prior to late 1960's at other stations.

<sup>2</sup>1954-70 at Hell's Half Acre.

<sup>3</sup>Frequencies at this station are for percentage of days with RH <30 percent.

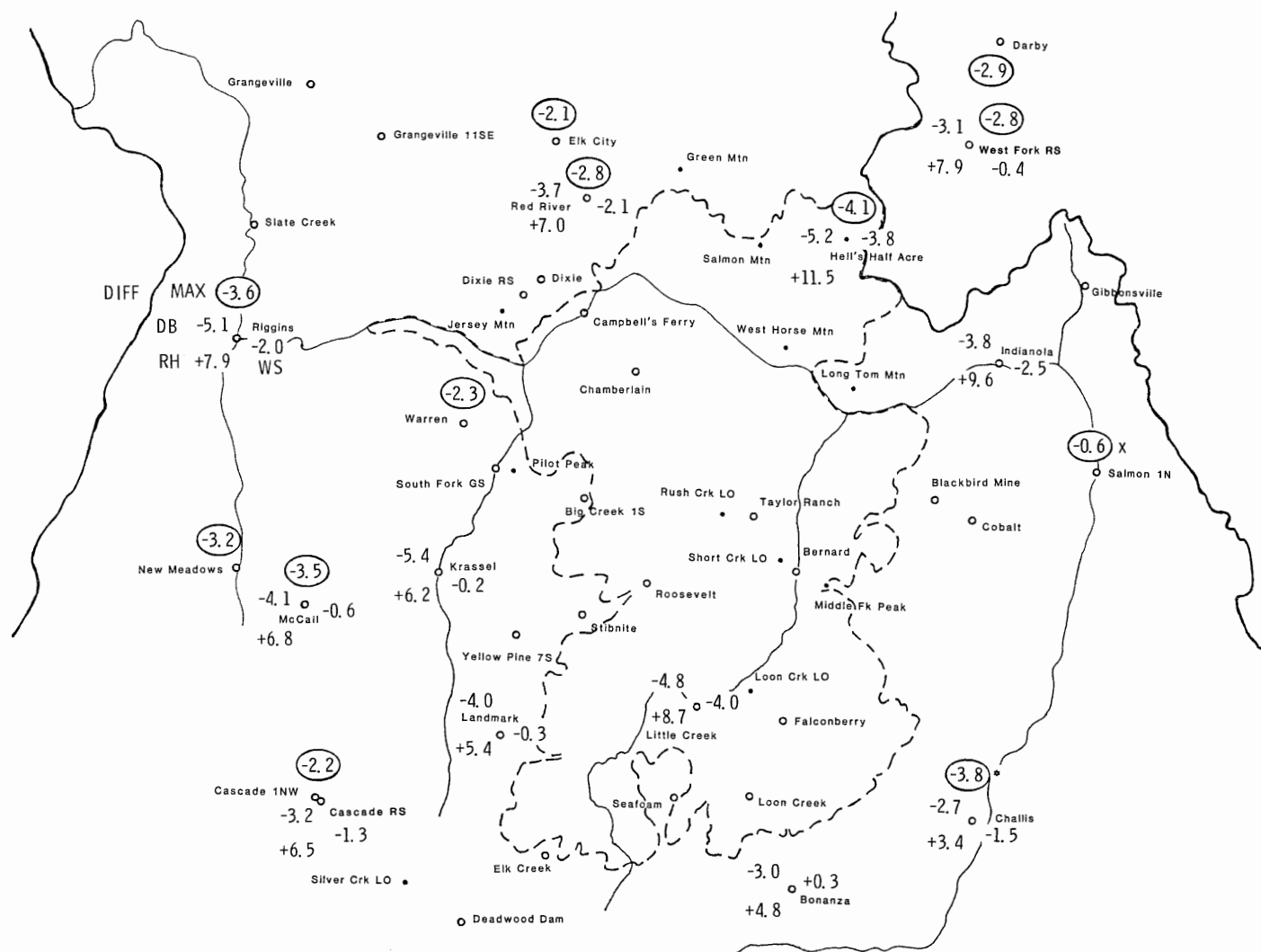


Figure 30—Differences in July-August, 1974-83 average values minus 1964-73 average values. For observed afternoon dry bulb temperature, °F (top number), and relative humidity, percent (bottom number), and for 24-hour maximum temperature, °F (number within oval). X-symbol (at Salmon) denotes station moved and daily observation time changed from midnight to 1700 m.s.t. in 1968. Asterisk (at Challis) denotes observation time changed from afternoon hour to 0800 in 1973.

The 10-year dry bulb and humidity changes, for July-August, are given an areal perspective in figure 30, together with the 10-year change in average daily maximum temperature. In the Intermountain Region, this change could be calculated only for the year-round climatic stations, since maximum temperature data were not included for this region in the National Fire-Weather Data Library archives until 1968 or 1969. The maximum-temperature changes in figure 30 indicate an actual climatic fluctuation of 2 or 3 °F in afternoon temperatures over the RNR area.

Relative to the 10-year changes in average maximum temperature, the changes in afternoon dry bulb (fig. 30) appear to be only 1 or 2 °F greater. This difference, if representing the effect of the fire-weather time change, is somewhat smaller than our previous indications.

## Wind

## ANNUAL PATTERN

Detailed wind data for the RNR area are limited to the fire season. On a larger scale, in the free atmosphere at 10,000 ft, wind flow across central Idaho is from an average westerly direction throughout the year, backing to west-southwesterly in summer (Finklin 1986). This wind is normally strongest in winter, lightest in summer. In the Selway-Bitterroot Wilderness area to the north, average windspeeds observed atop 9,350-ft St. Mary Peak, MT, were about 15 to 20 mi/h in winter months (Arno 1970). Because of modifications by local terrain, actual winds occurring at RNR locations may not closely follow the broad pattern.

Sheltered valley and canyon areas in Idaho-western Montana tend to have their lowest average windspeeds in autumn-winter, around 5 mi/h, and highest average speeds in spring (Finklin 1983a). Within the RNR, this appears to be the experience at Taylor Ranch (James J. Akenson 1987), though gusty winds near 15 mi/h do occur here in winter with a Pacific frontal passage. To the west at Riggins, as previously mentioned, winds during winter are often strong. Some canyon areas may have their highest afternoon winds in summer, associated with daytime heating and with thunderstorms. Squally periods are also reported, at Taylor Ranch, in spring and late autumn.

Wind directions are influenced by obstructing terrain and valley or canyon orientation (and may vary with time of day, discussed later). As reported at climatic stations prior to 1949, prevailing winds are from the southwest throughout the year at McCall, mostly northwest at Cascade, and west at Challis. At Riggins, the prevailing direction is from the south in winter and from the north in summer.

## WIND DURING THE FIRE SEASON

Summer afternoon wind conditions are portrayed in figure 31. Effects of topography on prevailing directions are strongly evident. These directions are mostly west or southwest at the lookouts but represent all quarters of the compass at canyon locations. In addition to forced channeling of wind flow in the canyons, there is indication of a daytime upcanyon wind, described by Schroeder and Buck (1970). Thus, prevailing winds are from a northerly quarter at Bernard, Magruder, and Riggins. Southerly winds at Big Creek, Krassel, South Fork, and Little Creek, however, are from a downcanyon direction, indicating domination by the channeled larger scale (westerly or southwesterly) wind flow.

The early or middle afternoon windspeeds generally average between 6 and 8 mi/h in the canyons and valleys; up to 10 to 13 mi/h at some of the lookouts.

As with the July-August afternoon temperature and relative humidity values, the portrayed 1964-83 windspeeds may be affected by the change to a 1300 m.s.t.

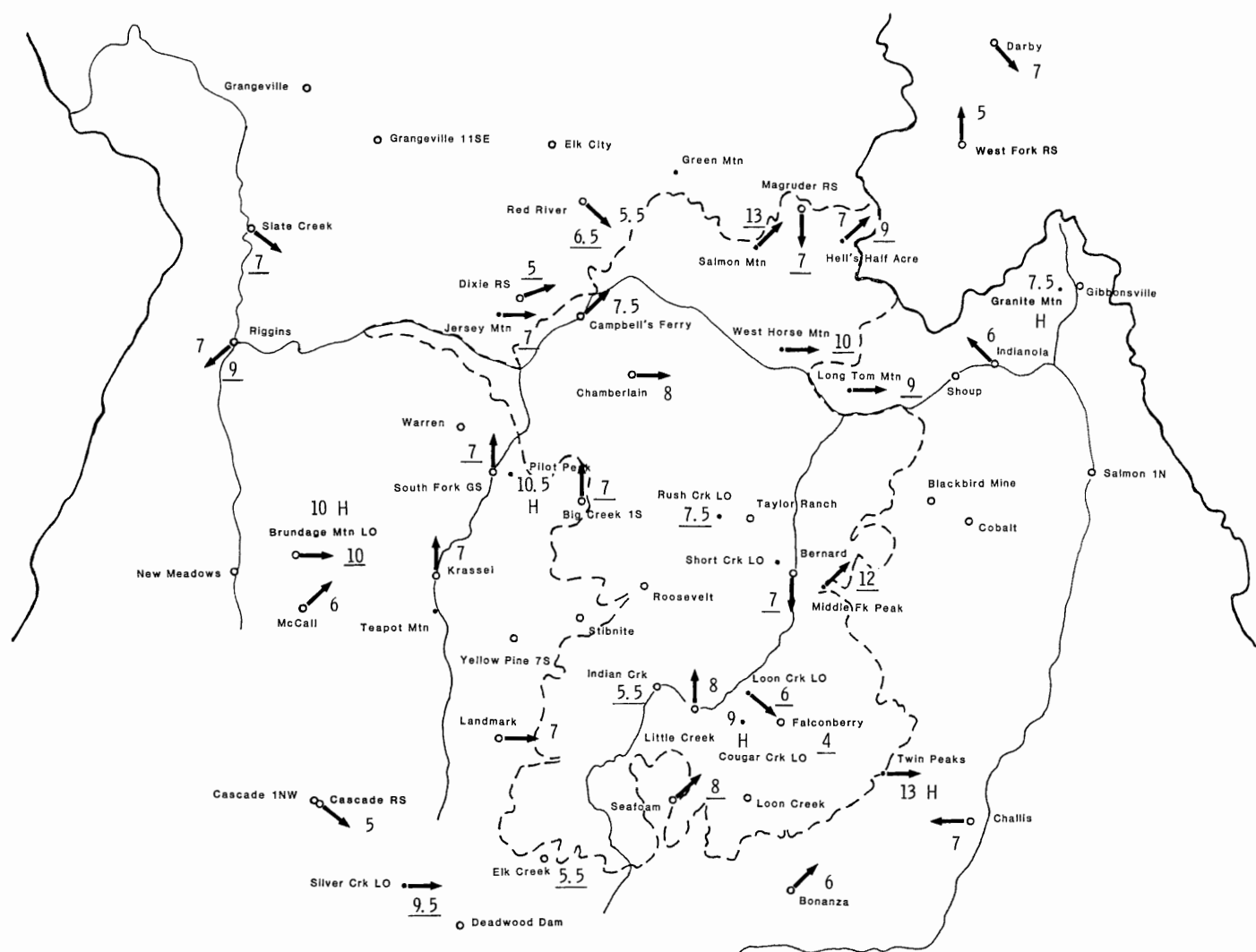


Figure 31—Average July-August windspeed, mi/h, and prevailing wind direction (arrows point downwind) at afternoon observation time. For period 1964-83, mostly near 1300 m.s.t., where available (for 1974-83 at Chamberlain). Earlier data, based on years prior to 1974, shown by underlined numbers (for period 1951-70 at Red River, Riggins, and Hell's Half Acre; observations near 1600 m.s.t.). H, at lookouts, denotes 24-hour average speed (1930's data).

fire-weather observation time, in addition to an anomalous 1974-83 regime. The 1951-70, 1600 m.s.t., averages included in figure 31 at three Northern Region stations are 1 or 2 mi/h higher than those for 1964-83. Ten-year comparisons (table 8) show that the lower 1964-83 averages in the Northern Region are due to 1974-83 decreases of 2 to 4 mi/h relative to 1964-73. Only a small 10-year change occurred at some of the Intermountain Region stations, but the July-August 1974-83 average at Little Creek exhibits a 4-mi/h decrease; the decrease here was 2 mi/h in June and September. Overall, the actual differences in July-August windspeed between early and middle afternoon may range from 0 to 2 mi/h.

Observed frequencies of afternoon wind directions and speeds at individual stations are given in table 27 (appendix). The speeds represent mostly a 10-minute average at the observation time. Frequencies of various windspeed, temperature, and humidity combinations are given in table 28 (appendix). Use of this three-way format will require summation to obtain frequencies for broader ranges of values and for values above or below certain thresholds.

Frequencies of higher windspeeds may be estimated from the relationship with average speed shown in figure 32. The data points, plotted individually for 23 stations, are derived from tables 27 and 28 (appendix). A station with summer afternoon windspeeds averaging 6 mi/h, at the daily observation time, has 10-minute speeds  $\geq 10$  mi/h on about 15 percent of the days;  $\geq 20$  mi/h on 0 to 1 percent. Where the average speed is 12 mi/h, the frequency of speeds  $\geq 20$  mi/h may reach 10 percent. These frequencies should be greater for shorter duration speeds and for

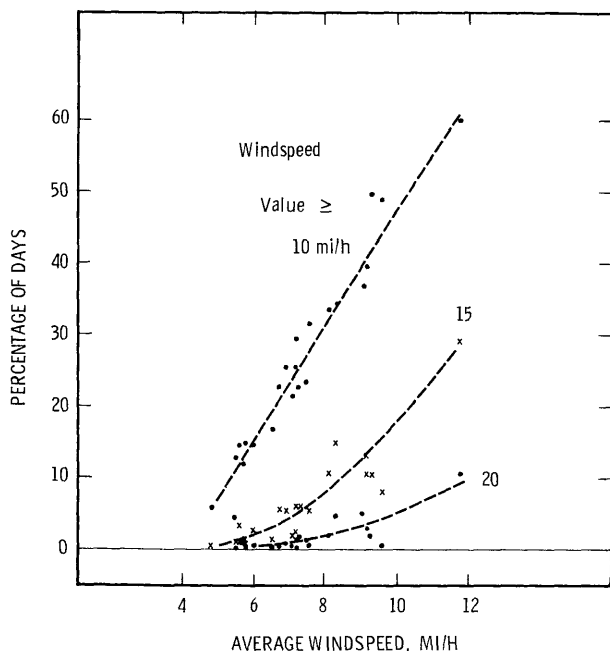


Figure 32—Relationship between average windspeed and frequency of observed higher windspeeds (10-minute averages), at afternoon fire-weather observation time. Curves fitted by eye. Points represent data for individual stations in or near RNR. For July and August combined, based on 1964-83 and shorter or earlier periods of available record.

maximum sustained winds that may occur at any time of day. Crosby and Chandler (1966) found, at Salem, MO, that the probable maximum 1-minute average speed was generally 4 or 5 mi/h higher than the standard 10-minute average.

**Extreme Windspeeds**—Table 27 (appendix) suggests that sustained strong winds ( $\geq 25$  mi/h) are generally rare during the fire season. Available once-daily observations show maximum July-August frequencies of 3 to 4 percent atop Middle Fork Peak and 4 to 5 percent atop Salmon Mountain (1931-53 data). Highest recorded 10-minute speeds, in the 1964-83 fire-weather data, are about 25 to 30 mi/h at canyon locations and 30 to 35 mi/h at lookouts. Lower extreme speeds, below 20 or 25 mi/h, are noted at high valley locations such as McCall, Landmark, and Bonanza. The timing of such extreme events can, of course, be of great importance in the case of wildfire. The extreme windspeeds have occurred with cool and showery conditions, but more often with warm and dry weather.

In the canyon bottom, Campbell's Ferry reported 33 mi/h, from the southwest, in June 1966, on a cool showery day. Speeds of 36 to 37 mi/h were recorded atop Long Tom Mountain and Middle Fork Peak in early September 1969, with fair, cool weather. Earlier data from Salmon Mountain show an afternoon wind of 43 mi/h in August 1953; 42 mi/h on a fair, warm day in August 1945.

On Saint Mary Peak, however, Arno (1970) reports a 1-hour average speed of 60 mi/h on a July day in 1968, associated with thunderstorm activity. Peak gusts reached about 90 mi/h.

**Diurnal Variation of Wind**—Fire-season windspeeds in the canyons and valleys should average highest in mid-afternoon and lowest during the nighttime and early morning hours. This pattern is indicated in the neighboring Selway-Bitterroot Wilderness, where fire-season morning wind data were available (Finklin 1983a), and at adjacent airport weather stations. Near-calm nighttime conditions are indicated at many bottom locations by the strong nighttime cooling (fig. 20), which is related to undisturbed temperature inversions. Nighttime winds may exhibit a reversal in direction—with predominating downslope and downcanyon air movement (or "drainage winds") (Schroeder and Buck 1970). Winds in bottom areas, however slight, would be generally from the south or east.

Winds on some of the openly exposed ridgetop or mountaintop terrain may often increase during the nighttime hours (Baughman 1981). By morning (0900 m.s.t.), however, July-August average speeds atop Hell's Half Acre and Salmon Mountain (Finklin 1983a) were 2 or 3 mi/h lower than those in midafternoon. Nighttime wind directions at such locations tend to change little, remaining generally from the west or southwest.

Nighttime windspeed maximums were observed at two lookouts in southern Idaho (Hanna 1933)—at Bald Mountain and Shafer Butte, near Boise; but not at Brundage Mountain, near McCall. The average diurnal windspeed curves (reproduced in fig. 33) show some marked diversity, indicating local topographic influences that may also apply to the RNR area.

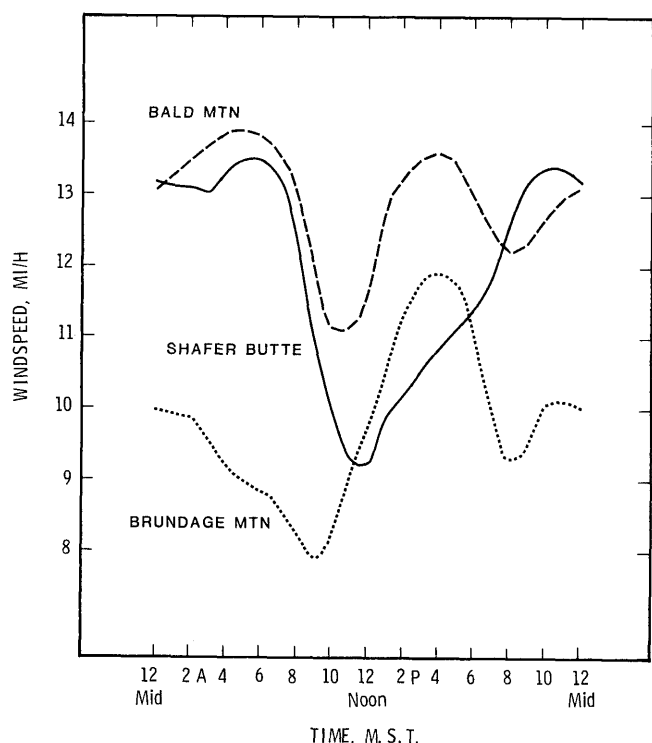


Figure 33—Average diurnal windspeed variation at three lookouts in southern or central Idaho. Based on 4 or 5 years, July-September 1928-32. (From Hanna 1933.)

## Persistence of Weather

A tendency for persistence of weather patterns during the course of a year or fire season could aid in planning for fire management and other activities. Such persistence is examined here, utilizing temperature and precipitation data from McCall, a station with a suitably long record. The primary results are in terms of frequencies or probabilities. As with more elaborate methods of long-range forecasting, monthly or seasonal outlooks based on persistence give only the gross outcomes relative to normal conditions; important details, covering smaller time scales, may be obscured.

For our temperature index, average daily maximum, rather than the mean (of the maximum and minimum), has been chosen as better relating to the clear, dry (or cloudy, moist) character of a month or season. Correlations, based on 55 years, indicated very little persistence in successive monthly temperature regimes. The coefficient,  $r$ , was 0.03 between May and June average maximums, 0.21 between June and July, and 0.12 to 0.05 for the remaining pairs of months through October. A correlation between 2-month averages, representing late spring (May-June) and summer (July-August), was, however, statistically significant at the 1 percent level (Freese 1967; Snedecor 1956), with  $r$  0.51. (A similar tendency was found in northwestern Montana [Finklin 1986].) Persistence between these two seasons is thus explored in table 9.

Table 9—Frequency of specified maximum-temperature classes<sup>1</sup> in summer (July-August) following those in spring (May-June); at McCall, ID, based on 55 years 1931-85. For each combination of May-June and July-August classes, listed top number is the actual number of cases; bottom number is the percentage of all cases in the corresponding row

| May-June<br>max. temp. class    | July-August<br>max. temp. class |                |                 | Total cases | Chi-square<br>test value |
|---------------------------------|---------------------------------|----------------|-----------------|-------------|--------------------------|
|                                 | Below<br>normal                 | Near<br>normal | Above<br>normal |             |                          |
| - - - - Number of cases - - - - |                                 |                |                 |             |                          |
| Below<br>normal                 | 8                               | 9              | 2               | 19          |                          |
| Percent of total in row         |                                 |                |                 |             |                          |
|                                 | 42                              | 47             | 11              |             |                          |
| Near<br>normal                  | 8                               | 8              | 3               | 19          |                          |
|                                 | 42                              | 42             | 16              |             |                          |
| Above<br>normal                 | 1                               | 5              | 11              | 17          |                          |
|                                 | 6                               | 29             | 65              |             |                          |
| Total                           | 17                              | 22             | 16              | 55          | <sup>2</sup> 13.20       |

<sup>1</sup>Criteria are based on standard deviation (SD) about the 55-year average maximum value; observed SD was 3.0 °F for May-June and 2.5 °F for July-August. "Above normal" class is defined by temperature >0.5 SD from average; "below normal," <-0.5 SD from average.

<sup>2</sup>Statistically significant;  $P$  (probability of a greater value) = 0.01.

**Table 10**—Frequency of specified precipitation classes<sup>1</sup> in summer (July-August) following those in spring (May-June); at McCall, ID, based on 55 years 1931-85. Numbers listed as in table 9

|                                     | July-August precipitation class |                |                 |             |                          |
|-------------------------------------|---------------------------------|----------------|-----------------|-------------|--------------------------|
| May-June<br>precip. class           | Below<br>normal                 | Near<br>normal | Above<br>normal | Total cases | Chi-square<br>test value |
| - - - - - Number of cases - - - - - |                                 |                |                 |             |                          |
| Below<br>normal                     | 7                               | 7              | 5               | 19          |                          |
| Percent of total in row             |                                 |                |                 |             |                          |
|                                     | 37                              | 37             | 26              |             |                          |
| Near<br>normal                      | 6                               | 8              | 6               | 20          |                          |
|                                     | 30                              | 40             | 30              |             |                          |
| Above<br>normal                     | 7                               | 4              | 5               | 16          |                          |
|                                     | 44                              | 25             | 31              |             |                          |
| Total cases                         | 20                              | 19             | 16              | 55          | <sup>2</sup> 1.17        |

<sup>1</sup>Criteria are based on percentage of 55-year average 2-month precipitation totals and also consider the median totals and variability. Defined "near normal" limits are 75-120 percent for May-June; 65-120 percent for July-August.

<sup>2</sup>Highly insignificant; *P* (probability of a greater value) is almost 0.90.

In table 9, a defined warmer than normal May-June, occurring in 17 out of 55 years, was followed by a warmer than normal July-August in 65 percent of the cases; a cool July-August in but 6 percent. A converse tendency is indicated following a cooler than normal May-June. A chi-square test (above references), applied to table 9, shows statistically significant persistence (*P*, 0.01).

No such correlation or persistence was found between the May-June and July-August precipitation at McCall; *r* was 0.00 and the chi-square *P* value was almost 0.90. The lack of any useful result is shown in table 10.

## Climatic Trends

Precipitation and temperature trends or fluctuations during about the past 60 years are portrayed in figures 34 and 35, respectively, using successive 5-year annual and seasonal (2-month) averages. The precipitation values are converted to percentages of the 1951-80 normals. Mean temperatures are converted to degree departures from normal.

Annual-precipitation indications from McCall, Challis-Salmon (two-station average), and streamflow measurements all show the historically well known dry period covering much of the 1920's and 1930's. The low point occurred during 1931-35, with the 5-year averages about 70 to 75 percent of the present normal. A recovery to near or slightly above normal followed at the precipitation stations by 1941-45, but this was not attained by the streamflow until 1946-50. Relatively small 5-year fluctuations have occurred at McCall since the 1940's, with little overall trend; some difference in pattern is indicated in the dry Challis-Salmon area. In comparison, fluctuations in streamflow (runoff) have been rather wide since 1965. Successive 5-year averages have alternated from about 90

percent to 115 percent to 85 percent to 110 percent of normal.

The differences seen among the annual graphs may be attributed to both small-scale and larger scale areal variations in precipitation. The temporal fluctuations will truly differ across the RNR area, but the individual precipitation stations (limited here by suitable length of record) represent only sampling points in their respective, smaller areas. The annual runoff amounts, of course, integrate the precipitation received over a larger area, but these amounts also vary with the evapotranspiration and possible changes in ground water storage (generally small).

The seasonal precipitation graphs exhibit some opposing fluctuations but generally share in the extremely dry 1931-35 conditions. A notable feature is the relatively high July-August rainfall during the most recent 10 years (the pentads including 1976-85), reaching about 180 percent of normal at McCall during 1976-80. (See also table 15, appendix.) Averages were only 35 percent of normal during 1931-35 and 48 percent during 1966-70. The recent summer upturn has been found also in the northern Idaho area (Finklin 1983a, 1983c; Finklin and Fischer 1987).

Mean annual temperatures (fig. 35) at our reference stations were near or slightly below the present normal during the dry 1920's and 1930's, largely due to well-below-normal winter (December-February) temperatures. Corresponding May through October temperatures, overall, were about 1 °F above normal. The annual means show a relatively cool period during the 1940's to mid-1950's, about 1 °F below the present normal, followed by a warm peak during 1966-70, 1 °F above normal. The most recent 5-year fluctuation went below normal. A slight overall warming trend may be discerned since the 1920's. The trend since the 1910's would probably be more noticeable (as was found in northern Idaho; above references).

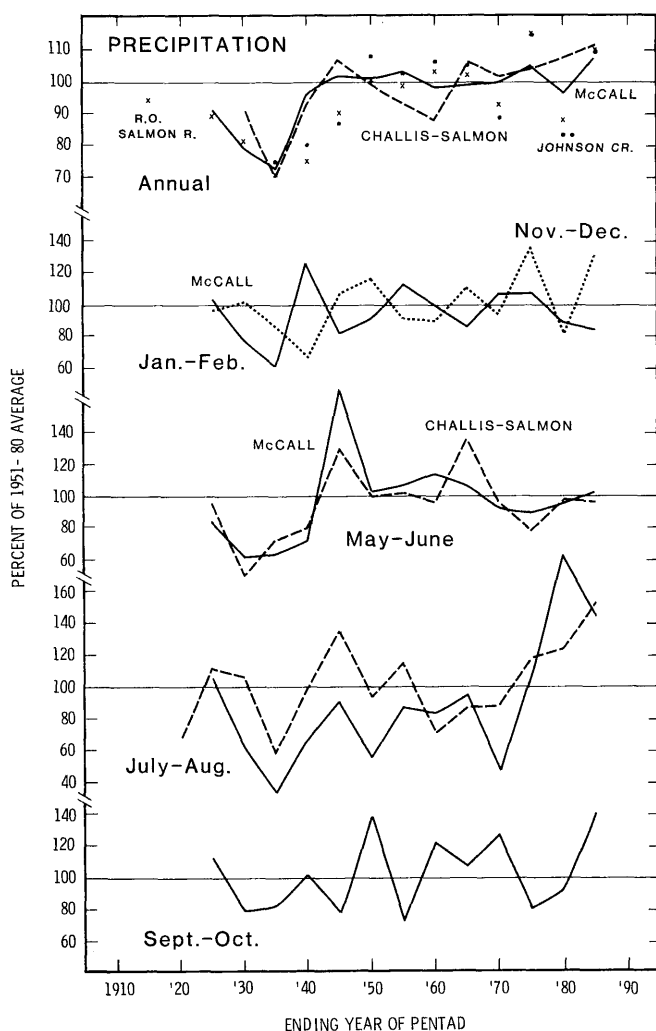


Figure 34—Fluctuations of annual and seasonal precipitation since 1920's at climatic stations adjacent to RNR. Shown by successive 5-year (pentad) averages for periods from 1920's through 1981-85, plotted at ending years of periods; graphs for McCall and Challis-Salmon two-station average. Values are given in percentages of 30-year, 1951-80, average precipitation. Note wider vertical scale used for annual percentages. Corresponding averages of water-year (October-September) runoff are shown, since 1910's, for Salmon River at White Bird (1916-20 data incomplete) and, since 1930, for Johnson Creek at Yellow Pine.

As with precipitation, the seasonal mean temperatures exhibit some opposing fluctuations. December-February means since the 1960's have been about 2 to 3 °F above those of the 1920's to 1940's. July-August means show little overall change since the 1920's but, again, would probably be up from those of the 1910's and earlier.

The generally compensating ups and downs of temperature shown in figure 35 may be upset drastically in the future by an increasing carbon dioxide (CO<sub>2</sub>) "greenhouse effect" (National Research Council 1983). According to most recent scientific consensus (Kerr 1986), a doubling of

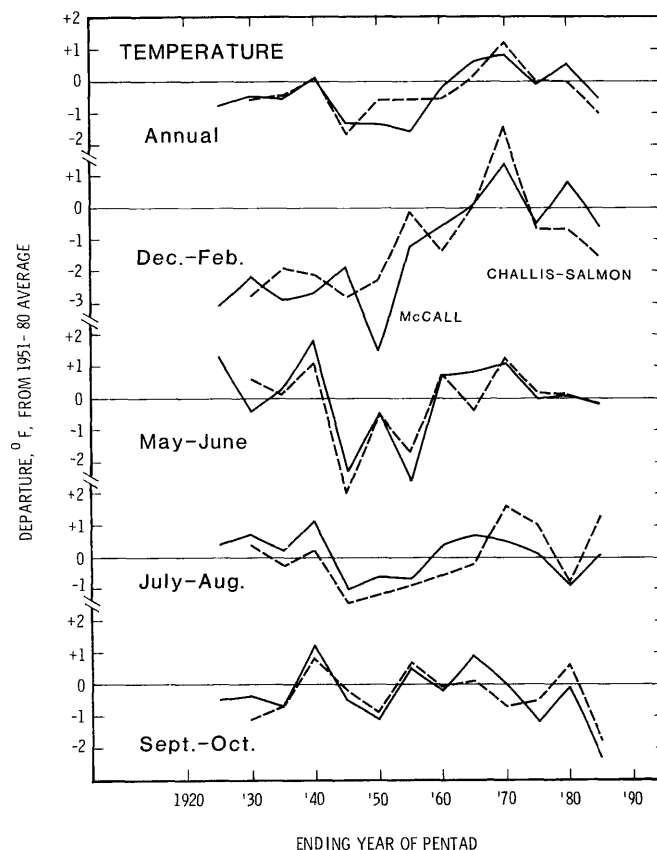


Figure 35—Fluctuations of annual and seasonal mean temperatures since 1920's at stations adjacent to RNR, shown as in figure 34 by successive 5-year (pentad) averages. Values, based on arithmetic averages of maximum and minimum temperatures, are given as departures, °F, from 30-year, 1951-80, averages.

atmospheric CO<sub>2</sub>, and increases of other gases, could raise average temperatures by at least 5 °F sometime during the next century.

## SUMMARY

As shown by the various data, the Frank Church-River of No Return Wilderness area has climatic characteristics related to its geographic location in central Idaho and to its complex mountainous terrain. The broader climatic controls result in generally similar or parallel annual regimes of individual climatic elements across the wilderness.

Thus, except in some dry canyon locations, December and January are normally the wettest (or snowiest) months—favored by the large-scale upper-air flow and associated tracks of weather systems from the Pacific. The precipitation is enhanced particularly in the western RNR area by terrain-enforced uplift of the moist airmasses. Resulting average annual precipitation locally exceeds 60 inches but decreases to 15 inches in "rain shadow" canyon bottoms. Conditions normally are dry throughout the area in July and August, the main fire-danger months, indicated by both low precipitation amounts and low after-

noon relative humidity. Summer conditions appear somewhat drier than those farther north in Idaho, including the adjoining Selway-Bitterroot Wilderness.

Various tables of averages and frequencies are presented in the appendix to aid in fire-management planning. Station locations and lengths of available fire-weather records are limited, but the patterns revealed may be sufficient for many uses. Numerical values for other locations may be estimated or interpolated from general topographic and statistical relationships that have been described or shown in graphs.

For more site-specific data needs, the available averages can serve as a starting point from which local differences may be determined by field observations. The local effects on temperature, humidity, and wind should be at a maximum during fair, quiet weather. A promising future source of data for this area, where permissible, is the Remote Automatic Weather Station (RAWS) now employed in neighboring areas by the Forest Service and other agencies.

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## APPENDIX: TABLES 11-28

**Table 11**—Index of stations used in this report, in RNR (Frank Church-River of No Return Wilderness) and adjacent area; listing by station types. Stations are in Idaho except as noted in Montana. Letter w following elevation (elev.) (ft) denotes location within wilderness or within 1 mile of boundary

### Climatological Stations; data published by U.S. Weather Bureau and successor agencies

| Station name      | Elev.  | Period of record <sup>1</sup> | Relocations, <sup>2</sup> year and distance (mi)             | Comments                                                                          |
|-------------------|--------|-------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Big Creek 1 S     | 5,686w | 1951-69                       | 1965, 0.5; 1966, 1                                           | Much missing data 1968-69. Station at Big Creek 1937-46, 49-50; not used.         |
| Blackbird Mine    | 6,825  | 1948-60                       | 1951, <0.1                                                   | Known as Forney Blackbird Mine to 1951; Cobalt Blackbird Mine thereafter.         |
| Campbell's Ferry  | 2,310w | 1976-85                       |                                                              | Also see fire-weather station listing.                                            |
| Cascade 1 NW      | 4,896  | 1942-                         | 1948, 1; 1968 and 1969, <0.1                                 |                                                                                   |
| Challis           | 5,175  | 1914-                         | 1960, <0.1                                                   | Also see fire-weather station listing.                                            |
| Cobalt            | 5,010  | 1962-                         | 1964, <0.1; 1966, 0.2                                        |                                                                                   |
| Council           | 2,950  | 1911-                         | 1915, 0.1; 1942 and 1951, 1; 1953, 0.5; 1958, 0.1; 1968, 0.4 | Station 1 or 2 mi NE of Council to 1953; briefly relocated 1.7 mi NE during 1960. |
| Cuprum            | 4,276  | 1916-32                       |                                                              | No data 1927-29.                                                                  |
| Darby, MT         | 3,880  | 1926-                         | 1932, 1; 1957, 2                                             | Station at 4,200 ft 1926-32. Also see fire-weather station listing.               |
| Deadwood Dam      | 5,375  | 1930-74                       | 1941, unknown                                                | Known as Deadwood prior to Sept. 1941.                                            |
| Dixie             | 5,620  | 1952-                         |                                                              | Much missing data after 1981.                                                     |
| Elk City          | 4,058  | 1951-                         | 1959, 0.2; 1960, 0.3; 1961, <0.1                             | Much missing data to 1958. Also see fire-weather station listing.                 |
| Gibbonsville      | 4,480  | 1963-                         | 1965, 1                                                      | No data 1980-82.                                                                  |
| Grangeville       | 3,355  | 1922-                         | 1927, 0.6; 1939 and 1946, 1; 1949, 2; 1955 and 1969, 3/4     | Elevations range from 3,323 to 3,409 ft.                                          |
| Grangeville 11 SE | 2,250  | 1965-                         |                                                              | Much missing data 1983-84.                                                        |
| Landore           | 5,330  | 1904-15                       |                                                              |                                                                                   |
| Loon Creek        | 5,810w | 1909-26                       |                                                              | Much missing data in some years.                                                  |
| McCall            | 5,025  | 1916-                         |                                                              | Earlier station 1905-10. Also see fire-weather station listing.                   |
| Middle Fork Lodge | 4,480w | 1971-                         |                                                              |                                                                                   |
| New Meadows       | 3,870  | 1913-                         | 1941 and 1957, <0.1                                          | Station at Meadows 1903-10.                                                       |
| Riggins           | 1,800  | 1930-                         | 1957, <0.1; 1959 and 1973, unk; 1980, 0.6                    | Temperature record begins in 1937. Station closed much of 1979-80.                |
| Roosevelt         | 7,500w | 1902-08                       |                                                              |                                                                                   |
| Salmon-Salmon 1 N | 3,940  | 1906-                         | 1911, 1912, 1919, 1937, and 1943, <0.5; 1968, 1              | Salmon 1 N beginning 1968.                                                        |
| Shoup             | 3,400  | 1966-                         |                                                              |                                                                                   |
| Slate Creek       | 1,568  | 1961-71                       |                                                              | Also see fire-weather station listing.                                            |
| Stibnite          | 6,550  | 1949-58                       |                                                              |                                                                                   |
| Taylor Ranch      | 3,835w | 1974-77, 83-                  |                                                              |                                                                                   |
| Warren            | 5,907  | 1959-                         |                                                              | Earlier records 1895-98 and 1923-31.                                              |
| Yellow Pine 7 S   | 5,070  | 1970-                         | 1972, 4.5                                                    | Station moved north to Yellow Pine in December 1986.                              |

(con.)

Table 11 (Con.)

## Fire-weather stations

| Station name <sup>3</sup> | Elev.   | Forest <sup>4</sup> | Period of record <sup>5</sup> |
|---------------------------|---------|---------------------|-------------------------------|
| Bernard                   | 3,700w  | Salmon              | <sup>6</sup> <1958-72         |
| Big Creek RS              | 5,750w  | Payette             | <1932-72                      |
| Bonanza GS                | 6,376   | Challis             | 1964-                         |
| Brundage Mtn LO           | 7,552   | Payette             | <sup>7</sup> 1928-60 +        |
| Campbell's Ferry          | 2,310w  | Nez Perce           | 1960-78                       |
| Cascade RS                | 4,747   | Boise               | <1932-83                      |
| Challis                   | 5,175   | Challis             | 1934-                         |
| Chamberlain GS            | 5,745w  | Nez Perce           | 1974-                         |
| Cougar Creek LO           | 8,100w  | Challis             | 1937-38 +                     |
| Darby RS, MT              | 3,880   | Bitterroot          | 1948-                         |
| Dixie RS                  | 5,200   | Nez Perce           | 1937-67                       |
| Elk City RS               | 4,058   | Nez Perce           | 1959-70                       |
| Elk Creek RS              | 6,426w  | Boise               | <1964-71                      |
| Falconberry GS            | 4,808w  | Challis             | <1953-58                      |
| Granite Mtn LO            | 6,354   | Salmon              | <1932-38 +                    |
| Green Mtn LO              | 7,150   | Nez Perce           | 1961-70                       |
| Hell's Half Acre LO       | 8,117   | Bitterroot          | 1954-                         |
| Indian Creek GS           | 4,662w  | Boise               | 1959-60 +                     |
| Indianola RS              | 3,450   | Salmon              | <1953-                        |
| Jersey Mtn LO             | 6,867   | Nez Perce           | 1959-70                       |
| Krassel RS                | 3,600   | Payette             | 1960-                         |
| Landmark RS               | 6,680   | Boise               | <1932-81                      |
| Little Creek GS           | 4,400w  | Challis             | 1958-                         |
| Long Tom Mtn LO           | 8,168w  | Salmon              | 1958-74                       |
| Loon Creek LO             | 8,364w  | Challis             | 1965-71                       |
| Magruder RS               | 4,118w  | Bitterroot          | 1961, 64-72                   |
| McCall SO                 | 5,025   | Payette             | <1932-                        |
| Middle Fork Peak LO       | 9,127w  | Salmon              | 1966-74                       |
| Pilot Peak LO             | 8,060   | Payette             | <1932-60 +                    |
| Red River RS              | 4,300   | Nez Perce           | 1935-                         |
| Riggins RS                | 1,800   | Nez Perce           | 1944-85                       |
| Rush Creek LO             | 6,810w  | Payette             | 1965-71                       |
| Salmon Mtn LO             | 8,955w  | Bitterroot          | 1929-53                       |
| Seafoam GS                | 6,200w  | Challis             | 1965-71                       |
| Short Creek LO            | 7,861w  | Salmon              | <1932-38 +                    |
| Silver Creek LO           | 6,778   | Boise               | 1965-71                       |
| Slate Creek RS            | 1,568   | Nez Perce           | 1959-71, 86-                  |
| South Fork GS             | 2,900   | Payette             | <1932-59                      |
| Teapot Mtn LO             | 5,500   | Payette             | <1932-38 +                    |
| Twin Peaks LO             | 10,340w | Challis             | <1932-35                      |
| West Fork RS, MT          | 4,370   | Bitterroot          | 1961-                         |
| West Horse Creek LO       | 7,398w  | Salmon              | <1932-55                      |

Table 11 (Con.)

Storage precipitation gages, recording precipitation gages, snow survey courses, and SNOTEL (snow telemetry) stations<sup>8</sup>

| ID <sup>9</sup> | Station name                    | Elev.  | Station <sup>10</sup><br>type | Period of<br>record |
|-----------------|---------------------------------|--------|-------------------------------|---------------------|
| BAN             | Banner Summit                   | 7,040  | SN                            | 1979-               |
| BDC             | Boulder Creek                   | 5,440  | SC                            | 1938-               |
| BGC             | Big Creek Summit                | 6,580  | SN                            | 1936-               |
| BKN             | Burnt Knob                      | 6,400w | PSz <sup>11</sup>             | 1967-83             |
| BNZ             | Bonanza                         | 6,420  | PS                            | 1966-76             |
| BRG             | Brundage Mtn                    | 7,560  | SC                            | 1965-               |
| BRM             | Bruce Meadows                   | 6,390w | PS                            | 1966-76             |
| CRW             | Crawford GS                     | 4,860  | SC                            | 1936-               |
| DWA             | Deadwood Airstrip <sup>12</sup> | 5,360  | SC                            | 1958-               |
| DWS             | Deadwood Summit                 | 6,860  | PS                            | 1947-76             |
|                 |                                 |        | SN                            | 1936-               |
| GRF             | Greenfield Flat                 | 7,370  | SC                            | 1961-73             |
| GWS             | Game Warden Saddle              | 6,300  | PSz                           | 1974-83             |
| HDC             | Hard Creek                      | 7,100  | PS                            | 1967-73             |
| JDC             | John Day Creek                  | 2,520  | PSz                           | 1976-               |
| KIT             | Kit Carson Pasture              | 4,950w | SC                            | 1937-               |
| LFK             | Lake Fork                       | 5,290  | SC                            | 1936-               |
| LHR             | Lower Hungry Ridge              | 4,400  | PSz                           | 1975-83             |
| LMK             | Landmark                        | 6,680  | PS                            | 1947-50             |
| MCA             | Mica Ridge                      | 6,800  | SC                            | 1962-73             |
| MGC             | Morgan Creek Summit             | 7,600  | SN                            | 1963-               |
| MLC             | Mill Creek Summit               | 8,794  | PS                            | 1966-76             |
|                 |                                 |        | SN                            | 1937-               |
| MSC             | Moose Creek                     | 6,200  | SC                            | 1937-               |
| MSP             | Mullin Spring                   | 4,900  | PSz                           | 1972-83             |
| MTM             | Mountain Meadows                | 6,360  | PSz                           | 1964-80             |
|                 |                                 |        | SN                            | 1965-               |
| NUT             | Nut Basin Ridge                 | 7,400  | PSz                           | 1973-               |
| NZP             | Nez Perce Pass                  | 6,575w | PS                            | 1947-76             |
|                 |                                 |        | SC                            | 1937-               |
|                 | Pittsburg Landing               | 1,400  | PRz                           | 1972-               |
| PLC             | Placer Creek                    | 5,860  | SC                            | 1938-               |
| PNG             | Pungo Creek                     | 4,800w | PS                            | 1950-59             |
| PRM             | Perreau Meadows                 | 8,500  | SC                            | 1979-               |
| PSD             | Pittsburg Saddle                | 4,200  | PSz                           | 1972-               |
|                 | Rapid R. Fish Hatchery          | 2,100  | PRz                           | 1972-               |
|                 | Red River RS                    | 4,300  | PRz                           | 1964-80             |
| RDR             | Reed Ranch                      | 4,100  | PS                            | 1967-76             |
| RKF             | Rock Flat Summit                | 5,310  | SC                            | 1946-               |
| SAD             | Saddle Mountain                 | 7,940  | PS                            | 1967-77             |
|                 |                                 |        | SN                            | 1965                |

(con.)

Table 11 (Con.)

Storage precipitation gages, recording precipitation gages,  
snow survey courses, and SNOTEL (snow telemetry) stations<sup>8</sup>

| ID <sup>9</sup> | Station name        | Elev.  | Station <sup>10</sup><br>type | Period of<br>record |
|-----------------|---------------------|--------|-------------------------------|---------------------|
| SEC             | Secesh Summit       | 6,520  | SN                            | 1942-50, 67-        |
| SIL             | Silver Creek Ridge  | 5,700  | SC                            | 1964-73             |
| SQF             | Squaw Flat          | 6,240  | SN                            | 1962-73, 80-        |
| SQM             | Squaw Meadow        | 5,900  | SC                            | 1936-               |
| SRD             | Sourdough Ridge     | 6,800  | PSz                           | 1977-83             |
| STB             | Stibnite Storage    | 6,500w | PS                            | 1966-76             |
| SWL             | Schwartz Lake       | 8,540  | SC                            | 1962-               |
| SYR             | Sawyer Ridge        | 7,293  | PSz                           | 1975-               |
| TWP             | Twin Peaks          | 9,190w | SC                            | 1963-               |
| WCC             | Wilson Cow Camp     | 7,450  | PSz                           | 1976-83             |
| WBR             | West Branch         | 5,560  | SN                            | 1981-               |
| WFR             | West Fork Rapid R.  | 2,700  | PSz                           | 1972-83             |
| WLC             | Williams Crk Summit | 7,990  | SC                            | 1937-83             |

Table 11 (Con.)

## Streamgauging stations

| ID <sup>13</sup> | Station, location <sup>14</sup> | Elev. | Drainage name and area, mi <sup>2</sup> |        | Period of record |
|------------------|---------------------------------|-------|-----------------------------------------|--------|------------------|
| BC               | Big Creek, 19 E                 | 3,950 | Big Creek                               | 470    | 1944-58          |
| CH               | Cape Horn, 2 NW                 | 6,435 | Middle Fork Salmon R.                   | 138    | 1928-72          |
| KR               | Krassel, 1 N (of RS)            | 3,750 | South Fork Salmon R.                    | 330    | 1966-86          |
| KX               | Knox, 1.5 SW                    | 5,090 | South Fork Salmon R.                    | 92     | 1928-60          |
| MF               | Middle Fork Lodge               | 4,380 | Middle Fork Salmon R.                   | 770    | 1973-81          |
| MY               | Meyers Cove, 15 NW              | 3,550 | Middle Fork Salmon R.                   | 2,020  | 1931-39          |
| SH               | Shoup, 7 SW                     | 3,265 | Panther Creek                           | 529    | 1944-77          |
| ST               | Stibnite, 3 N                   | 5,912 | East Fork S. Fk Salmon                  | 43     | 1928-41          |
| WB               | White Bird                      | 1,413 | Salmon River                            | 13,550 | 1910-            |
| YP               | Yellow Pine                     | 4,656 | Johnson Creek                           | 213    | 1928-            |

<sup>1</sup>Beginning and ending years with at least 3 months of data; blank denotes continuation through 1986.

<sup>2</sup>Moves of 100 ft or greater.

<sup>3</sup>GS denotes Guard Station; RS, Ranger Station; LO, lookout; SO, Forest Supervisor's office.

<sup>4</sup>National Forests. Bitterroot and Nez Perce are in Forest Service Northern Region; others, in Intermountain Region.

<sup>5</sup>For Intermountain Region stations, data for this report were available only from years 1932-38, 1953-55, 1958-60, and 1964-83 (see text).

<sup>6</sup>Symbol < denotes record may have begun somewhat earlier; data for documentation unavailable.

<sup>7</sup>Symbol + denotes record ended sometime between 1938 and 1953 or between 1960 and 1964.

<sup>8</sup>Snow data from USDA Soil Conservation Service. Precipitation data published by U.S. Weather Bureau and successor agencies, except as noted.

<sup>9</sup>Three-letter abbreviations used in figures 2, 4, and 12.

<sup>10</sup>SC denotes snow course; SN, snow course plus SNOTEL (generally beginning about 1980); PS, storage precipitation gauge; PR, year-round recording precipitation gauge.

<sup>11</sup>Letter z denotes data from annual hydrometeorological summaries by Nez Perce National Forest.

<sup>12</sup>Snow course also at nearby Deadwood Dam during 1936-74.

<sup>13</sup>Two-letter abbreviations used in figure 14.

<sup>14</sup>Distance, air miles, from place named.

**Table 12**—Illustration of adjustment of averages to standard 30-year normals; for monthly average daily maximum and minimum temperatures, °F, at Campbell's Ferry, ID, using "difference method"

|                                                                                                        |      | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  |
|--------------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (1) Observed averages at Campbell's Ferry, 1976-85                                                     |      |       |       |       |       |       |       |       |       |       |       |       |       |
| No. years data                                                                                         |      | 7     | 9     | 9     | 8     | 8     | 9     | 6     | 7     | 6     | 9     | 8     | 9     |
| Avg. Max.                                                                                              |      | 34.6  | 43.1  | 53.1  | 62.3  | 69.1  | 80.0  | 90.6  | 91.6  | 78.8  | 61.7  | 45.7  | 34.5  |
| Min.                                                                                                   |      | 17.9  | 23.1  | 29.1  | 34.0  | 40.4  | 46.6  | 51.8  | 51.5  | 44.0  | 34.3  | 27.4  | 20.8  |
| (2) Differences, for same years, (1) minus averages at indicated stations <sup>1</sup>                 |      |       |       |       |       |       |       |       |       |       |       |       |       |
| Dixie                                                                                                  | Max. | +5.0  | +8.0  | +13.5 | +15.8 | +14.7 | +15.0 | +15.7 | +16.1 | +13.7 | +8.6  | +7.5  | +4.8  |
|                                                                                                        | Min. | +16.0 | +15.4 | +14.0 | +13.3 | +11.4 | +12.4 | +13.5 | +15.5 | +14.7 | +11.5 | +13.7 | +15.5 |
| Elk City                                                                                               | Max. | +1.6  | +2.3  | +5.9  | +7.9  | +8.2  | +9.1  | +9.7  | +9.7  | +7.2  | +2.9  | +1.3  | +1.3  |
|                                                                                                        | Min. | +9.7  | +9.1  | +8.7  | +8.3  | +7.9  | +8.6  | +11.8 | +13.1 | +11.8 | +8.4  | +7.4  | +10.9 |
| Grangeville                                                                                            | Max. | -1.0  | -0.2  | +4.3  | +5.6  | +6.9  | +8.6  | +10.2 | +10.5 | +7.9  | +2.8  | +0.8  | -3.1  |
|                                                                                                        | Min. | -2.2  | -2.1  | +0.2  | +1.3  | +1.9  | +1.2  | +1.8  | +1.7  | +2.3  | 0.0   | -0.6  | -1.5  |
| Grangeville<br>11 SE                                                                                   | Max. | -1.3  | -2.0  | +0.4  | +0.7  | +2.2  | +3.7  | +6.8  | +6.6  | +3.7  | +0.1  | +0.1  | -2.0  |
|                                                                                                        | Min. | -3.5  | -3.7  | -2.0  | -0.8  | 0.0   | 0.0   | +0.6  | +2.4  | +1.7  | -0.7  | -2.3  | -3.1  |
| Riggins                                                                                                | Max. | -8.6  | -5.9  | -4.3  | -4.2  | -3.9  | -1.6  | -0.1  | -0.6  | -2.2  | -5.2  | -4.7  | -6.6  |
|                                                                                                        | Min. | -8.0  | -8.9  | -7.0  | -6.7  | -6.0  | -6.5  | -7.4  | -7.3  | -5.9  | -6.7  | -7.0  | -8.3  |
| Shoup                                                                                                  | Max. | +6.2  | +5.1  | +3.1  | +1.1  | +0.1  | +0.9  | +2.7  | +4.2  | +2.6  | +1.6  | +4.0  | +4.4  |
|                                                                                                        | Min. | +4.4  | +4.0  | +1.8  | +1.5  | +1.5  | +1.6  | +1.4  | +1.1  | +2.7  | +1.5  | +2.2  | +4.1  |
| (3) Normals, based on 1951-80, at above six stations; see table 20 (appendix) <sup>2</sup>             |      |       |       |       |       |       |       |       |       |       |       |       |       |
| (4) Calculated normals at Campbell's Ferry, adding (2) to (3), based on indicated stations             |      |       |       |       |       |       |       |       |       |       |       |       |       |
| Maximum                                                                                                |      |       |       |       |       |       |       |       |       |       |       |       |       |
| Dixie                                                                                                  |      | 34.2  | 42.6  | 50.8  | 60.9  | 70.2  | 80.0  | 91.8  | 91.4  | 79.6  | 62.1  | 45.5  | 35.7  |
| Elk City                                                                                               |      | 35.2  | 43.0  | 49.8  | 60.1  | 69.9  | 79.2  | 90.8  | 90.0  | 78.0  | 61.8  | 44.5  | 36.4  |
| Grangeville                                                                                            |      | 35.5  | 42.1  | 50.8  | 60.5  | 70.4  | 80.0  | 92.5  | 92.0  | 79.8  | 62.1  | 45.6  | 35.7  |
| Grangeville 11 SE                                                                                      |      | 35.7  | 43.3  | 51.2  | 60.5  | 69.9  | 79.2  | 92.8  | 92.2  | 79.7  | 62.4  | 46.2  | 36.2  |
| Riggins                                                                                                |      | 32.8  | 43.5  | 51.6  | 61.0  | 69.8  | 80.5  | 92.9  | 91.3  | 79.8  | 62.6  | 46.5  | 36.4  |
| Shoup                                                                                                  |      | 36.5  | 44.2  | 51.7  | 61.7  | 70.6  | 79.3  | 91.3  | 90.0  | 78.1  | 62.2  | 46.2  | 36.9  |
| Minimum                                                                                                |      |       |       |       |       |       |       |       |       |       |       |       |       |
| Dixie                                                                                                  |      | 19.4  | 22.4  | 24.1  | 33.6  | 39.4  | 46.7  | 50.7  | 50.5  | 43.8  | 33.9  | 27.1  | 22.0  |
| Elk City                                                                                               |      | 18.9  | 23.4  | 25.5  | 33.9  | 40.6  | 47.4  | 52.3  | 51.4  | 44.9  | 35.1  | 27.5  | 23.5  |
| Grangeville                                                                                            |      | 17.9  | 22.4  | 26.3  | 33.2  | 40.3  | 46.1  | 51.8  | 50.4  | 44.0  | 34.0  | 26.2  | 21.3  |
| Grangeville 11 SE                                                                                      |      | 19.0  | 23.5  | 27.3  | 34.0  | 40.7  | 46.8  | 51.6  | 51.7  | 44.8  | 35.5  | 27.4  | 22.1  |
| Riggins                                                                                                |      | 19.5  | 22.4  | 26.7  | 31.9  | 39.9  | 46.1  | 51.7  | 50.8  | 44.9  | 35.5  | 27.0  | 21.7  |
| Shoup                                                                                                  |      | 19.6  | 24.4  | 27.0  | 34.3  | 40.5  | 47.0  | 52.1  | 50.3  | 44.5  | 35.1  | 28.2  | 23.2  |
| (5) Estimated normals at Campbell's Ferry, based on weighted six-station average from (4) <sup>3</sup> |      |       |       |       |       |       |       |       |       |       |       |       |       |
| Max.                                                                                                   |      | 34.9  | 43.3  | 51.2  | 60.9  | 70.2  | 79.8  | 92.0  | 91.0  | 79.1  | 62.3  | 45.9  | 36.3  |
| Min.                                                                                                   |      | 19.2  | 23.2  | 26.3  | 33.4  | 40.2  | 46.7  | 51.8  | 50.8  | 44.6  | 35.0  | 27.4  | 22.4  |

<sup>1</sup>In cases of missing monthly data at these stations, differences are based on the corresponding, reduced numbers of years at Campbell's Ferry.

<sup>2</sup>Normals at most of these stations are also adjusted averages (obtained previously).

<sup>3</sup>Uses formula:

$$\left\{ \frac{(D+E)}{2} + \frac{(G+GSE)}{2} + R + S \right\} / 4, \text{ where letters denote values based on the six respective stations.}$$

**Table 13**—Illustration of adjustment of averages to standard 30-year normals; for monthly average precipitation, inches, at Campbell's Ferry, ID, using "ratio method"

|                                                                                                              | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Annual |
|--------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| (1) Observed averages at Campbell's Ferry, 1976-85 except longer period, since 1960, for fire season         |       |       |       |       |       |       |       |       |       |       |       |       |        |
| No. years data                                                                                               | 7     | 9     | 9     | 8     | 15    | 20    | 25    | 26    | 22    | 16    | 10    | 10    |        |
| Avg. precip.                                                                                                 | 1.68  | 1.68  | 1.91  | 2.06  | 2.82  | 2.73  | 1.08  | 1.24  | 1.76  | 1.86  | 1.89  | 2.51  | 23.22  |
| (2) Weighted averages, applying a running 1-4-1, three-point weighting to monthly values in (1) <sup>1</sup> |       |       |       |       |       |       |       |       |       |       |       |       |        |
|                                                                                                              | 1.82  | 1.72  | 1.90  | 2.16  | 2.68  | 2.47  | 1.38  | 1.30  | 1.69  | 1.85  | 1.99  | 2.27  |        |
| (3) Ratios, for same years, (2) divided by similarly weighted averages at indicated stations <sup>2,3</sup>  |       |       |       |       |       |       |       |       |       |       |       |       |        |
| Dixie                                                                                                        | .659  | .667  | .757  | .981  | 1.051 | .969  | .908  | .890  | .962  | .922  | .777  | .711  | .840   |
| Elk City                                                                                                     | .603  | .694  | .771  | .809  | .836  | .843  | .784  | .818  | .876  | .889  | .841  | .735  | .790   |
| Grangeville                                                                                                  | 1.301 | 1.075 | .757  | .783  | .851  | .901  | .945  | .977  | .966  | 1.078 | 1.131 | 1.377 | .975   |
| Riggins                                                                                                      | 1.895 | 1.395 | 1.107 | 1.219 | 1.394 | 1.390 | 1.340 | 1.358 | 1.532 | 1.480 | 1.620 | 1.929 | 1.447  |
| Shoup                                                                                                        | 1.111 | 1.485 | 1.940 | 1.832 | 1.540 | 1.394 | 1.274 | 1.354 | 1.555 | 1.818 | 1.461 | 1.241 | 1.481  |
| Warren                                                                                                       | .861  | .855  | .773  | 1.019 | 1.103 | 1.021 | .952  | .922  | .934  | .864  | .777  | .868  | .910   |
| (4) Normals, based on 1951-80, for above six stations (from table 14, appendix)                              |       |       |       |       |       |       |       |       |       |       |       |       |        |
| Dixie                                                                                                        | 4.24  | 2.77  | 3.07  | 2.41  | 2.71  | 2.80  | 1.07  | 1.43  | 1.61  | 2.24  | 2.99  | 3.85  | 31.19  |
| Elk City                                                                                                     | 3.47  | 2.42  | 2.50  | 2.50  | 3.08  | 2.87  | 1.24  | 1.53  | 1.75  | 2.15  | 2.68  | 3.27  | 29.46  |
| Grangeville                                                                                                  | 1.70  | 1.24  | 2.07  | 2.73  | 3.43  | 2.89  | .96   | 1.32  | 1.69  | 2.00  | 1.77  | 1.62  | 23.42  |
| Riggins                                                                                                      | 1.50  | 1.19  | 1.65  | 1.75  | 2.00  | 1.85  | .73   | .95   | 1.09  | 1.37  | 1.35  | 1.52  | 16.95  |
| Shoup                                                                                                        | 1.48  | 1.03  | .92   | 1.15  | 1.65  | 2.00  | .82   | .90   | 1.00  | .91   | 1.25  | 1.65  | 14.76  |
| Warren                                                                                                       | 3.60  | 2.40  | 2.75  | 2.33  | 2.70  | 2.73  | .95   | 1.32  | 1.60  | 2.20  | 2.60  | 3.20  | 28.38  |
| (5) Calculated normals at Campbell's Ferry, multiplying (3) by (4), based on indicated stations              |       |       |       |       |       |       |       |       |       |       |       |       |        |
| Dixie                                                                                                        | 2.79  | 1.85  | 2.32  | 2.36  | 2.85  | 2.71  | .97   | 1.27  | 1.55  | 2.07  | 2.32  | 2.74  | 26.20  |
| Elk City                                                                                                     | 2.09  | 1.68  | 1.93  | 2.02  | 2.57  | 2.42  | .97   | 1.25  | 1.56  | 1.91  | 2.26  | 2.40  | 23.26  |
| Grangeville                                                                                                  | 2.21  | 1.33  | 1.57  | 2.14  | 2.92  | 2.60  | .91   | 1.29  | 1.63  | 2.16  | 2.00  | 2.23  | 22.83  |
| Riggins                                                                                                      | 2.84  | 1.66  | 1.83  | 2.13  | 2.79  | 2.57  | .98   | 1.29  | 1.67  | 2.03  | 2.19  | 2.93  | 24.52  |
| Shoup                                                                                                        | 1.64  | 1.53  | 1.78  | 2.11  | 2.54  | 2.79  | 1.04  | 1.22  | 1.56  | 1.65  | 1.83  | 2.05  | 21.86  |
| Warren                                                                                                       | 3.10  | 2.05  | 2.13  | 2.37  | 2.98  | 2.79  | .90   | 1.22  | 1.49  | 1.90  | 2.02  | 2.78  | 25.83  |
| (6) Estimated normals at Campbell's Ferry, based on unweighted six-station average from (5) <sup>4</sup>     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|                                                                                                              | 2.45  | 1.68  | 1.93  | 2.19  | 2.78  | 2.65  | .96   | 1.26  | 1.58  | 1.95  | 2.10  | 2.52  | 24.05  |

<sup>1</sup>For calculation purposes only, to smooth sample irregularity in trend of monthly ratios (step 3).

<sup>2</sup>In cases of missing monthly data at these stations, ratios are based on the corresponding, reduced numbers of years at Campbell's Ferry.

<sup>3</sup>Annual ratio is based on sums of unweighted monthly averages.

<sup>4</sup>Listed annual normal is sum of monthly normals; separately calculated annual normal is only 0.03 inch different.

**Table 14**—Monthly average precipitation (P) and snowfall (S), inches, in or adjacent to RNR; based on or adjusted to 30-year normal period 1951-80, except as noted. P includes measured snowfall water content. T denotes trace, an amount too small to measure; blank monthly columns, months without observed snowfall or (if all blank) insufficient basis for calculating monthly averages. Estimates or slight adjustments were made for occasional missing data occurring at long-term stations. Adj. denotes adjustment of shorter period station averages. (f) denotes former station, not continuing through year 1985; (o), old station, closed before 1930

| Station,<br>elev. (ft)                      |     |                | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------------------------------------------|-----|----------------|------|------|------|------|------|------|------|------|-------|------|------|------|--------|
| <i>Inches</i>                               |     |                |      |      |      |      |      |      |      |      |       |      |      |      |        |
| Big Creek 1 S<br>5,686 Adj.                 | (f) | P              | 4.13 | 2.85 | 2.83 | 2.30 | 2.43 | 2.53 | 1.10 | 1.35 | 1.70  | 2.20 | 2.70 | 3.70 | 29.82  |
|                                             |     | S              | 38.5 | 27.0 | 25.0 | 11.8 | 5.0  | 0.5  | T    | T    | 0.4   | 5.0  | 18.3 | 34.8 | 166.3  |
| Blackbird Mine<br>6,825 Adj.                | (f) | P              | 2.40 | 1.85 | 2.10 | 2.03 | 2.35 | 2.60 | 1.00 | 1.20 | 1.15  | 1.45 | 2.12 | 2.50 | 22.75  |
|                                             |     | S              | 26.5 | 22.0 | 23.0 | 13.5 | 7.0  | 1.0  | 0.1  | 0.2  | 1.5   | 6.0  | 20.0 | 24.5 | 145.3  |
| Campbell's Ferry<br>2,310 Adj. <sup>1</sup> |     | P              | 2.45 | 1.68 | 1.93 | 2.19 | 2.78 | 2.65 | .96  | 1.26 | 1.58  | 1.95 | 2.10 | 2.52 | 24.05  |
|                                             |     | S              | 25.0 | 11.7 | 8.0  | 2.2  | T    |      |      |      | 0.3   | 5.7  | 20.0 |      | 72.9   |
| Cascade 1 NW<br>4,896                       |     | P              | 3.06 | 1.96 | 1.88 | 1.51 | 1.62 | 1.83 | .39  | .80  | 1.08  | 1.74 | 2.39 | 3.17 | 21.43  |
|                                             |     | S              | 29.7 | 17.4 | 15.1 | 4.8  | 0.9  | T    |      |      | T     | 1.5  | 10.9 | 23.5 | 103.8  |
| Challis<br>5,175                            |     | P              | .55  | .36  | .40  | .58  | 1.11 | 1.17 | .54  | .59  | .67   | .38  | .42  | .61  | 7.38   |
|                                             |     | S              | 5.5  | 3.0  | 2.5  | 1.0  | 0.1  |      |      |      | 0.1   | 0.1  | 2.5  | 4.7  | 19.5   |
| Cobalt<br>5,010 Adj.                        |     | P              | 1.65 | 1.10 | 1.15 | 1.52 | 2.03 | 2.25 | .95  | 1.13 | 1.15  | 1.05 | 1.30 | 1.75 | 17.03  |
|                                             |     | S              | 20.0 | 12.0 | 11.5 | 7.5  | 1.3  | 0.1  |      |      | 0.5   | 1.6  | 8.0  | 16.0 | 78.5   |
| Darby, MT<br>3,880                          |     | P              | 1.72 | 1.07 | .96  | 1.11 | 1.93 | 1.80 | .78  | .98  | 1.22  | 1.12 | 1.49 | 1.63 | 15.81  |
| Deadwood Dam<br>5,375 Adj.                  | (f) | P              | 5.49 | 3.57 | 3.19 | 2.01 | 1.92 | 2.00 | .57  | .93  | 1.22  | 2.20 | 3.68 | 5.40 | 32.18  |
|                                             |     | S              | 49.7 | 35.0 | 24.8 | 12.0 | 3.3  | 0.1  |      |      | 0.1   | 4.5  | 23.0 | 45.3 | 197.8  |
| Dixie<br>5,620 Adj.                         |     | P              | 4.24 | 2.77 | 3.07 | 2.41 | 2.71 | 2.80 | 1.07 | 1.43 | 1.61  | 2.24 | 2.99 | 3.85 | 31.19  |
|                                             |     | S              | 56.0 | 35.0 | 38.0 | 18.2 | 7.5  | 0.5  |      | T    | 1.0   | 8.2  | 25.0 | 48.0 | 237.4  |
| Elk City<br>4,058 Adj.                      |     | P              | 3.47 | 2.42 | 2.50 | 2.50 | 3.08 | 2.87 | 1.24 | 1.53 | 1.75  | 2.15 | 2.68 | 3.27 | 29.46  |
|                                             |     | S              | 36.0 | 23.2 | 23.3 | 12.2 | 2.5  | T    |      |      | 0.1   | 2.7  | 13.5 | 28.0 | 141.5  |
| Gibbonsville<br>4,480 Adj.                  |     | P              | 2.15 | 1.35 | 1.00 | 1.20 | 1.90 | 2.02 | .92  | 1.00 | 1.05  | .98  | 1.50 | 2.13 | 17.20  |
|                                             |     | S              | 26.0 | 14.0 | 7.0  | 3.0  | 0.8  | T    |      |      | T     | 1.0  | 9.5  | 24.0 | 85.3   |
| Grangeville<br>3,355                        |     | P              | 1.70 | 1.24 | 2.07 | 2.73 | 3.43 | 2.89 | .96  | 1.32 | 1.69  | 2.00 | 1.77 | 1.62 | 23.42  |
|                                             |     | S <sup>2</sup> | 11.9 | 7.0  | 11.3 | 4.1  | 0.5  |      |      |      | 1.7   | 6.6  | 13.4 |      | 56.5   |
| Grangeville 11 SE<br>2,250 Adj.             |     | P              | 1.96 | 1.57 | 2.53 | 2.98 | 3.63 | 3.05 | 1.03 | 1.35 | 1.80  | 2.15 | 2.05 | 2.03 | 26.13  |
|                                             |     | S              | 12.2 | 5.8  | 5.2  | 1.1  | 0.2  |      |      |      | 0.5   | 5.0  | 10.0 |      | 40.0   |
| Loon Creek<br>5,810 Adj.                    | (o) | P              | 1.95 | 1.35 | 1.35 | 1.20 | 1.50 | 1.65 | .65  | 1.00 | 1.25  | 1.20 | 1.65 | 1.90 | 16.60  |
|                                             |     | S <sup>3</sup> |      |      |      |      |      |      |      |      |       |      |      |      | 80.6   |
| McCall<br>5,025                             |     | P              | 4.29 | 2.84 | 2.68 | 2.08 | 2.14 | 2.11 | .57  | 1.10 | 1.50  | 2.02 | 2.89 | 3.85 | 28.07  |
|                                             |     | S              | 48.0 | 29.2 | 26.5 | 8.5  | 1.1  |      |      |      | 0.1   | 2.5  | 17.8 | 37.6 | 171.3  |
| Middle Fork Lodge<br>4,480 Adj.             |     | P              | 2.05 | 1.33 | 1.25 | 1.22 | 1.50 | 1.72 | .70  | 1.05 | 1.12  | 1.33 | 1.63 | 1.90 | 16.80  |
|                                             |     | S              | 16.5 | 9.3  | 6.3  | 2.7  | 0.2  | T    |      |      |       | 0.7  | 7.0  | 11.0 | 53.7   |
| New Meadows R.S.<br>3,870                   |     | P              | 4.00 | 2.44 | 2.31 | 1.88 | 1.88 | 1.88 | .54  | .82  | 1.32  | 1.95 | 2.76 | 3.82 | 25.60  |
|                                             |     | S              | 29.7 | 15.5 | 10.3 | 2.3  | 0.3  | T    |      |      | 0.1   | 1.2  | 9.0  | 27.0 | 95.4   |
| Riggins R.S.<br>1,800                       |     | P              | 1.50 | 1.19 | 1.65 | 1.75 | 2.00 | 1.85 | .73  | .95  | 1.09  | 1.37 | 1.35 | 1.52 | 16.95  |
|                                             |     | S <sup>4</sup> |      |      |      |      |      |      |      |      |       |      |      |      | 10.0   |
| Roosevelt<br>7,500 Adj. <sup>1</sup>        | (o) | P              |      |      |      |      |      |      |      |      |       |      |      |      | 26.50  |
|                                             |     | S <sup>3</sup> |      |      |      |      |      |      |      |      |       |      |      |      | 190.0  |
| Salmon-Salmon 1 N<br>3,940                  |     | P              | .75  | .55  | .54  | .82  | 1.34 | 1.65 | .73  | .78  | .66   | .58  | .71  | .81  | 9.92   |
|                                             |     | S              | 9.0  | 5.0  | 3.0  | 2.0  | 0.1  |      |      |      | T     | 0.1  | 3.0  | 7.5  | 29.7   |
| Shoup<br>3,400 Adj.                         |     | P              | 1.48 | 1.03 | .92  | 1.15 | 1.65 | 2.00 | .82  | .90  | 1.00  | .91  | 1.25 | 1.65 | 14.76  |
|                                             |     | S              | 14.3 | 6.3  | 1.7  | 0.3  | T    |      |      |      |       | 0.1  | 3.7  | 13.7 | 40.1   |
| Slate Creek R.S.<br>1,568 Adj.              | (f) | P              | 1.32 | .98  | 1.47 | 1.78 | 2.43 | 2.38 | .75  | 1.03 | 1.15  | 1.27 | 1.22 | 1.32 | 17.10  |
|                                             |     | S              | 4.3  | 1.7  | 1.0  | T    |      |      |      |      |       | T    | 1.0  | 2.0  | 10.0   |
| Stibnite<br>6,550 Adj. <sup>1</sup>         | (f) | P              | 4.65 | 3.15 | 3.15 | 2.35 | 2.25 | 2.35 | .80  | 1.30 | 1.75  | 2.25 | 3.10 | 4.20 | 31.30  |
|                                             |     | S              | 47.5 | 34.0 | 32.0 | 20.0 | 11.0 | 0.7  | T    | 0.1  | 1.0   | 7.5  | 27.0 | 40.0 | 220.8  |
| Taylor Ranch<br>3,835 Adj. <sup>1</sup>     |     | P              |      |      |      |      |      |      |      |      |       |      |      |      | 15.00  |
|                                             |     | S              |      |      |      |      |      |      |      |      |       |      |      |      | 47.0   |
| Warren<br>5,899 Adj.                        |     | P              | 3.60 | 2.40 | 2.75 | 2.33 | 2.70 | 2.73 | .95  | 1.32 | 1.60  | 2.20 | 2.60 | 3.20 | 28.38  |
|                                             |     | S              | 44.0 | 27.0 | 32.0 | 17.0 | 7.0  | 0.5  |      | T    | 0.7   | 8.0  | 20.5 | 37.0 | 193.7  |
| Yellow Pine 7 S<br>5,070 Adj.               |     | P              | 3.93 | 2.60 | 2.37 | 1.93 | 2.10 | 2.15 | .65  | 1.15 | 1.65  | 2.23 | 2.97 | 3.77 | 27.50  |
|                                             |     | S              | 30.5 | 21.0 | 16.5 | 8.5  | 1.8  | T    |      |      | 0.3   | 3.5  | 13.7 | 28.5 | 124.3  |

(con.)

Table 14 (Con.)

| Station,<br>elev. (ft)                      |   | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------------------------------------------|---|------|------|------|------|------|------|------|------|-------|------|------|------|--------|
| ----- Inches -----                          |   |      |      |      |      |      |      |      |      |       |      |      |      |        |
| SNOTEL Stations:                            |   |      |      |      |      |      |      |      |      |       |      |      |      |        |
| Big Creek Summit<br>6,580 Adj. <sup>5</sup> | P | 8.00 | 5.55 | 5.50 | 4.05 | 3.10 | 2.30 | .60  | 1.20 | 1.95  | 3.45 | 5.40 | 7.50 | 48.60  |
| Secesh Summit<br>6,520 Adj. <sup>5</sup>    | P | 8.50 | 6.05 | 5.75 | 4.45 | 3.60 | 3.10 | .85  | 1.20 | 1.90  | 3.50 | 5.90 | 8.00 | 52.80  |

<sup>1</sup>Adjustment calculations based on less than 10 years of data, except for many additional years at Campbell's Ferry during May-October from fire-weather observations.

<sup>2</sup>Snowfall data missing for about 5 years but no adjustment made.

<sup>3</sup>Snowfall average as observed; adjacent stations insufficient for adjustment calculations or estimates.

<sup>4</sup>Annual average estimated; snowfall record very incomplete but amounts are normally small. Available 1951-80 data gave annual average of 7 inches; rather complete 1931-52 data gave 10.7 inches.

<sup>5</sup>Adjustment calculations based on 5 years of data, 1982-86.

**Table 15**—Monthly and annual precipitation, inches, by individual years; at available, moderately wet long-term stations adjacent to RNR. Data from standard gauge (nonrecording gauge) measurements. T denotes trace, amount too small to measure. E denotes amount estimated in whole or part (for missing data), different from originally published value or estimate; F, from fire-weather data. P denotes estimate as published

McCall, ID

| Year | Precipitation      |      |      |      |      |      |      |       |       |       |      |      | Annual |
|------|--------------------|------|------|------|------|------|------|-------|-------|-------|------|------|--------|
|      | Jan.               | Feb. | Mar. | Apr. | May  | June | July | Aug.  | Sept. | Oct.  | Nov. | Dec. |        |
|      | ----- Inches ----- |      |      |      |      |      |      |       |       |       |      |      |        |
| 1917 | 2.36               | 3.10 | 2.32 | 2.92 | 2.02 | 1.24 | T    | 0.30P | 3.15E | 0.61  | 3.71 | 5.94 | 27.67  |
| 1918 | 4.34               | 3.42 | 2.30 | 1.54 | .78  | .67  | .90P | 1.28  | .75   | 3.61  | 1.08 | 1.43 | 22.10  |
| 1919 | 3.02               | 4.59 | 2.24 | 2.40 | 1.05 | T    | .05  | .09   | .62   | 2.10  | 3.42 | 3.85 | 23.43  |
| 1920 | 1.52               | .51  | 4.46 | 1.99 | .83  | 1.33 | .22  | .95E  | 1.77  | 4.16  | 3.32 | 4.36 | 25.42  |
| 1921 | 5.00               | 2.18 | 1.94 | 2.22 | 2.92 | .61  | T    | 1.46  | 1.27  | 1.31  | 3.98 | 2.39 | 25.28  |
| 1922 | 2.56               | 3.80 | 4.55 | 2.45 | 1.57 | .36  | .99  | 1.00  | .18   | .44   | .66  | 6.39 | 24.95  |
| 1923 | 5.63               | 2.50 | 1.90 | 2.80 | 2.09 | 4.94 | 1.42 | 1.27  | .47   | 2.31  | 1.82 | 2.77 | 29.92  |
| 1924 | 2.62               | 3.04 | .82  | .77  | .02  | 1.21 | .10  | 1.14  | .74   | 3.14  | 3.49 | 2.98 | 20.07  |
| 1925 | 4.38               | 5.17 | 2.41 | 2.71 | 2.08 | 2.22 | .20  | 1.35E | 1.35  | 1.45E | 1.87 | 3.18 | 28.37  |
| 1926 | 1.21               | 5.90 | .90  | .48  | 2.49 | 1.11 | .10  | 3.34  | 1.49  | 1.10  | 7.51 | 3.17 | 28.80  |
| 1927 | 2.67               | 5.65 | 1.53 | 1.76 | 2.08 | .97  | .17  | .62   | 3.40  | 1.91  | 6.52 | 2.52 | 29.80  |
| 1928 | 3.18               | .52  | 3.70 | 2.47 | .15  | .43  | .50  | .08   | .42   | 1.58  | .88  | 1.71 | 15.62  |
| 1929 | 2.18               | 1.45 | 1.36 | 3.62 | 1.08 | 1.35 | .00  | .00   | .00   | .80P  | .15P | 6.29 | 18.28  |
| 1930 | 1.97               | 3.22 | 1.20 | 3.29 | 2.29 | 1.10 | .00  | .44   | .71   | 2.59  | 1.72 | .58  | 19.11  |
| 1931 | 2.80               | 1.59 | 3.86 | .47  | .55  | .53  | T    | .05   | 1.31  | 2.60  | 2.48 | 5.19 | 21.43  |
| 1932 | 2.38               | 1.59 | 5.40 | 2.42 | 3.25 | .73  | 1.19 | .33   | .05   | 2.37  | 3.10 | 3.26 | 26.07  |
| 1933 | 4.53               | 1.97 | .72  | .70  | 2.31 | 1.69 | .04  | .15   | .93   | 2.19  | .99  | 6.21 | 22.43  |
| 1934 | 2.80               | .73  | 2.54 | .74  | .66  | 1.99 | .02  | .63   | .55   | 2.35  | 2.33 | 2.48 | 17.82  |
| 1935 | 2.64               | .83  | 1.83 | 2.40 | .75  | .95  | .26  | .11   | .16   | 1.69  | .78  | 1.47 | 13.87  |
| 1936 | 6.98               | 4.18 | 2.09 | 1.66 | 2.04 | 1.92 | .52  | .62   | .42   | .27   | .09  | 2.06 | 22.85  |
| 1937 | 3.77               | 4.76 | .96  | 3.01 | 1.08 | 2.19 | .52  | .12   | .44   | 1.33  | 4.09 | 4.77 | 27.04  |
| 1938 | 2.19               | 5.79 | 4.57 | 1.77 | 2.70 | 1.78 | 1.75 | .43   | .92   | 2.17  | 2.71 | 1.91 | 28.69  |
| 1939 | 2.93               | 3.65 | 3.09 | .45  | 1.02 | 1.50 | 1.11 | .18   | 1.71  | 2.52  | .06  | 4.42 | 22.64  |
| 1940 | 4.43               | 6.05 | 5.24 | 2.42 | .39  | .50  | .37  | .02   | 4.63  | 3.55  | 3.31 | 2.71 | 33.62  |
| 1941 | 3.27               | 2.49 | 1.10 | 1.66 | 4.73 | 4.13 | 1.13 | 2.06  | .61   | 1.87  | 3.64 | 5.52 | 32.21  |
| 1942 | 2.22               | 3.33 | .97  | 2.81 | 5.34 | 2.10 | .80  | .43   | .15   | 1.74  | 5.97 | 5.85 | 31.71  |
| 1943 | 5.76               | 2.25 | 1.77 | 2.09 | 1.43 | 3.11 | 1.10 | .58   | .26   | 3.85  | 1.36 | 1.63 | 25.19  |
| 1944 | .94                | 2.62 | 1.69 | 2.81 | 1.06 | 4.72 | .38  | .46   | 1.29  | .81   | 3.62 | 1.70 | 22.10  |
| 1945 | 2.87               | 3.43 | 3.20 | 1.24 | 5.63 | 3.09 | .45  | .15   | 2.29  | 1.07  | 5.14 | 4.03 | 32.59  |
| 1946 | 2.90               | 3.96 | 1.97 | 1.25 | 2.00 | 1.02 | .86  | .30   | 2.88  | 3.36  | 7.49 | 2.83 | 30.82  |
| 1947 | 2.12               | 1.62 | 2.57 | .61  | 1.93 | 3.99 | .00  | .14   | 1.42  | 4.36  | 2.38 | 2.44 | 23.58  |
| 1948 | 2.88               | 2.97 | 3.73 | 3.64 | 4.28 | 2.90 | 1.10 | .71   | .85   | 1.99  | 4.25 | 4.33 | 33.63  |
| 1949 | 1.69               | 5.09 | 1.36 | .72  | 2.60 | .35  | .22  | .30   | 2.12  | 1.32  | 3.16 | 3.15 | 22.08  |
| 1950 | 5.55               | 2.96 | 4.59 | 1.60 | .62  | 2.19 | .04  | .96   | .85   | 4.96  | 2.24 | 4.19 | 30.75  |
| 1951 | 3.61               | 3.62 | 5.56 | .68  | 1.19 | 2.47 | .59  | 1.18  | .48   | 6.47  | 3.35 | 6.93 | 36.13  |
| 1952 | 4.78               | 2.82 | 2.61 | .49P | 2.65 | 2.14 | .33  | .12   | .47   | .21   | .93  | 4.62 | 22.17  |
| 1953 | 7.63               | 2.56 | 2.66 | 3.11 | 3.14 | 3.63 | .00  | 2.01  | .00   | .48   | 2.12 | 2.65 | 29.99  |
| 1954 | 6.96               | 4.19 | 2.42 | 2.88 | 1.67 | 2.71 | .84  | 1.07  | .60   | .61   | 1.17 | 1.89 | 27.01  |
| 1955 | 1.89               | 1.92 | 2.17 | 4.17 | 1.81 | 1.26 | 1.18 | .02   | 1.52  | 1.90  | 4.07 | 7.72 | 29.63  |
| 1956 | 4.29               | 3.49 | 1.46 | .52  | 3.65 | 1.77 | .56  | 1.03  | .27   | 5.53  | .56  | 2.63 | 25.76  |
| 1957 | 2.96               | 3.72 | 3.77 | 2.49 | 4.82 | 1.60 | .20  | .42   | .38   | 2.20  | 1.35 | 4.26 | 28.17  |
| 1958 | 3.33               | 3.94 | 2.16 | 3.83 | .44  | 3.73 | .49  | .63   | 1.20  | .57   | 3.56 | 2.89 | 26.77  |
| 1959 | 5.26               | 3.59 | 2.27 | 1.35 | 3.03 | .99  | .12  | 1.20  | 6.43  | 2.65  | 1.05 | 1.35 | 29.29  |
| 1960 | 2.26               | 2.88 | 4.17 | 2.20 | 3.67 | .29  | .47  | 1.79  | .58   | 1.51  | 6.07 | .93  | 26.82  |

(con.)

Table 15 (Con.)  
McCall, ID (Con.)

| Year             | Precipitation      |      |      |      |      |      |      |       |       |      |      |      | Annual |
|------------------|--------------------|------|------|------|------|------|------|-------|-------|------|------|------|--------|
|                  | Jan.               | Feb. | Mar. | Apr. | May  | June | July | Aug.  | Sept. | Oct. | Nov. | Dec. |        |
|                  | ----- Inches ----- |      |      |      |      |      |      |       |       |      |      |      |        |
| 1961             | 2.41               | 2.84 | 2.75 | 1.60 | 2.41 | .74  | .22  | .61   | 1.13  | 2.80 | 2.95 | 3.27 | 23.73  |
| 1962             | 2.29               | 3.33 | 2.61 | 1.62 | 4.03 | .72  | .49  | 1.11  | 1.10  | 6.45 | 3.66 | 2.11 | 29.52  |
| 1963             | 1.58               | 2.28 | 3.19 | 3.18 | 1.91 | 3.36 | .22  | .20   | 1.57  | 1.34 | 3.92 | 2.09 | 24.84  |
| 1964             | 5.28               | .62  | 4.03 | 2.03 | 1.02 | 5.57 | .66  | 1.44E | 1.16  | .85  | 3.37 | 8.75 | 34.78  |
| 1965             | 8.45               | 1.74 | .32  | 4.01 | .77  | 1.81 | .22  | 2.83F | 1.76  | .71  | 2.35 | 1.25 | 26.22  |
| 1966             | 4.76               | 1.72 | 3.41 | 1.29 | .52  | 1.15 | .06  | .19F  | 1.10  | 1.12 | 4.56 | 4.48 | 24.36  |
| 1967             | 6.45               | .92  | 3.36 | 3.01 | 2.07 | 1.91 | .22  | T     | 2.46  | 3.63 | 1.48 | 3.88 | 29.39  |
| 1968             | 2.78               | 3.24 | 1.62 | 1.03 | 2.20 | .84  | .27  | 3.27  | 1.31  | 2.33 | 4.37 | 3.96 | 27.22  |
| 1969             | 6.21               | 2.33 | .72  | 1.68 | 1.67 | 3.07 | .00  | T     | 2.80  | 1.55 | .81  | 3.69 | 24.53  |
| 1970             | 7.67               | 1.73 | 1.78 | 1.52 | 1.76 | 4.26 | .04  | T     | 4.00  | 2.04 | 4.48 | 5.57 | 34.85  |
| 1971             | 5.38               | 1.60 | 3.10 | 0.68 | 1.93 | 4.73 | 0.06 | 0.13F | 0.78  | 1.07 | 2.84 | 5.20 | 27.50  |
| 1972             | 3.48               | 3.91 | 2.58 | 2.60 | 1.88 | 2.11 | .28  | .66   | 1.27  | 1.15 | 2.16 | 3.77 | 25.85  |
| 1973             | 3.99               | 1.10 | 1.74 | .87  | 1.85 | 1.24 | .26  | .81F  | 2.37  | 1.56 | 9.25 | 5.04 | 30.08  |
| 1974             | 6.24               | 3.20 | 5.07 | 2.15 | .76  | 1.19 | 1.05 | .76   | .11   | .36  | 2.46 | 4.49 | 27.84  |
| 1975             | 3.48               | 5.62 | 3.69 | 2.32 | 1.44 | 1.83 | 1.53 | 3.30  | .06   | 5.51 | 3.81 | 2.67 | 35.26  |
| 1976             | 4.48               | 2.87 | 2.11 | 2.07 | 1.63 | 1.50 | 2.43 | 3.25  | 1.77  | .54  | .36  | .81  | 23.82  |
| 1977             | .90                | .90  | 2.70 | .28  | 2.51 | .84  | 2.01 | 1.92  | 3.11  | 1.03 | 3.80 | 6.87 | 26.87  |
| 1978             | 4.13               | 3.06 | 1.68 | 4.19 | 2.22 | 2.01 | 1.32 | 1.68  | 2.06  | .05  | 1.47 | 2.62 | 26.49  |
| 1979             | 1.89               | 5.50 | 1.65 | 2.05 | 1.29 | .59  | .11  | 1.34  | .04   | 3.31 | 1.87 | 2.80 | 22.44  |
| 1980             | 3.74               | 3.81 | 2.97 | 2.41 | 4.24 | 3.36 | .83  | .41   | 3.10  | 1.10 | 2.44 | 6.44 | 34.85  |
| 1981             | 2.07               | 3.21 | 1.75 | 1.89 | 3.34 | 2.61 | 1.14 | .17   | 1.31  | 3.13 | 4.99 | 4.46 | 30.07  |
| 1982             | 4.43               | 4.97 | 3.15 | 2.91 | 1.58 | 2.83 | 1.40 | .14   | 2.37  | 4.45 | 2.95 | 5.52 | 36.70  |
| 1983             | 2.55               | 4.97 | 4.38 | 1.78 | 1.17 | 1.53 | 2.07 | 1.70  | .86   | 1.69 | 5.58 | 5.49 | 33.77  |
| 1984             | 1.77               | 3.32 | 3.17 | 1.60 | 2.38 | 3.71 | 2.22 | 1.82  | 1.94  | 1.75 | 3.42 | 2.07 | 29.17  |
| 1985             | .41                | 2.01 | 1.75 | .65  | 1.84 | .76  | .77  | .64   | 5.24  | 1.86 | 2.89 | 1.39 | 20.21  |
| 1986             | 2.90               | 5.65 | 2.40 | 2.09 | 2.02 | 1.78 | 1.02 | .65   | 4.22  | .77  | 2.40 | .39  | 26.29  |
| 1987             | 2.91               | 2.14 | 2.99 | .62  | 1.43 | 1.47 | 1.20 | .54   | .01   | .00  | 2.10 | 2.82 | 18.23  |
| 10-year averages |                    |      |      |      |      |      |      |       |       |      |      |      |        |
| 1921-30          | 3.14               | 3.34 | 2.03 | 2.26 | 1.68 | 1.43 | .35  | 1.07  | 1.00  | 1.66 | 2.86 | 3.20 | 24.02  |
| 1931-40          | 3.55               | 3.11 | 3.03 | 1.60 | 1.48 | 1.38 | .58  | .26   | 1.11  | 2.10 | 1.99 | 3.45 | 23.65  |
| 1941-50          | 3.02               | 3.07 | 2.30 | 1.84 | 2.96 | 2.76 | .61  | .61   | 1.27  | 2.53 | 3.93 | 3.57 | 28.47  |
| 1951-60          | 4.30               | 3.27 | 2.93 | 2.17 | 2.61 | 2.06 | .48  | .95   | 1.19  | 2.21 | 2.42 | 3.59 | 28.18  |
| 1961-70          | 4.79               | 2.08 | 2.38 | 2.10 | 1.84 | 2.34 | .24  | .97   | 1.84  | 2.28 | 3.20 | 3.91 | 27.94  |
| 1971-80          | 3.77               | 3.16 | 2.73 | 1.96 | 1.98 | 1.94 | .99  | 1.43  | 1.47  | 1.57 | 3.05 | 4.07 | 28.10  |
| 30-year averages |                    |      |      |      |      |      |      |       |       |      |      |      |        |
| 1921-50          | 3.24               | 3.18 | 2.45 | 1.90 | 2.04 | 1.86 | .51  | .65   | 1.13  | 2.10 | 2.93 | 3.40 | 25.38  |
| 1931-60          | 3.62               | 3.15 | 2.75 | 1.87 | 2.35 | 2.07 | .56  | .61   | 1.19  | 2.28 | 2.78 | 3.54 | 26.76  |
| 1941-70          | 4.04               | 2.81 | 2.54 | 2.04 | 2.47 | 2.39 | .44  | .84   | 1.43  | 2.34 | 3.18 | 3.69 | 28.20  |
| 1951-80          | 4.29               | 2.84 | 2.68 | 2.08 | 2.14 | 2.11 | .57  | 1.11  | 1.50  | 2.02 | 2.89 | 3.86 | 28.07  |

(con.)

**Table 15 (Con.)**  
**Deadwood Dam, ID<sup>1</sup>**

| Year             | Precipitation     |                   |                   |      |      |      |      |      |       |      |       |       | Annual |
|------------------|-------------------|-------------------|-------------------|------|------|------|------|------|-------|------|-------|-------|--------|
|                  | Jan.              | Feb.              | Mar.              | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov.  | Dec.  |        |
|                  | <i>Inches</i>     |                   |                   |      |      |      |      |      |       |      |       |       |        |
| 1931             | M                 | M                 | M                 | 0.56 | T    | 0.01 | 0.28 | T    | 1.37  | 1.18 | 3.04  | 13.67 | M      |
| 1932             | 4.16              | 1.84              | 9.10              | .88  | 2.04 | 2.29 | 2.04 | .67  | T     | 1.07 | 3.22  | 6.50  | 33.81  |
| 1933             | 10.18             | 6.30              | 1.45              | .81  | 4.31 | 1.80 | .05  | .60  | .81   | 3.05 | .81   | 9.85  | 40.02  |
| 1934             | 2.92              | .72               | 3.40              | 1.25 | .29  | 1.99 | 2.68 | 1.04 | .14   | 3.15 | 3.64  | 4.39  | 25.61  |
| 1935             | 4.12              | .68               | 2.88              | 4.47 | 1.09 | .49  | .13  | T    | .14   | 1.34 | 1.10  | 2.98  | 19.42  |
| 1936             | 8.66              | 7.89              | 1.90              | 2.04 | 1.50 | 2.79 | 1.19 | 1.76 | .67   | .11  | .19   | 2.99  | 31.69  |
| 1937             | 5.04              | 5.74              | 3.06              | 3.58 | .82  | 3.96 | .14  | .00  | .48   | 1.30 | 6.05  | 7.20  | 37.37  |
| 1938             | 4.98              | 6.26              | 9.35              | 2.93 | 1.57 | 1.80 | 2.36 | .58  | .95   | 3.62 | 3.48  | 2.82  | 40.70  |
| 1939             | 4.25              | 3.90              | 3.62              | 1.07 | .51  | 1.60 | .77  | .30  | 1.88  | 2.27 | .32   | 7.15  | 27.64  |
| 1940             | 5.36              | 10.99             | 5.97              | 2.31 | .42  | .51  | .40  | .05  | 4.95  | 3.59 | 4.34  | 5.82  | 44.71  |
| 1941             | 4.06              | 4.04              | .77               | 1.39 | 5.32 | 2.04 | 1.52 | 3.62 | .93   | 1.61 | 5.07  | 10.80 | 41.17  |
| 1942             | 3.66              | 3.01              | .94               | 1.89 | 2.92 | 1.15 | .20  | .16  | .21   | 1.01 | 8.48  | 9.01  | 32.64  |
| 1943             | 7.99              | 2.79              | 4.39              | 2.84 | 2.20 | 2.02 | .60  | .65  | .13   | 4.04 | 2.45  | 1.33  | 31.43  |
| 1944             | 1.62              | 3.39              | 2.27              | 2.62 | 1.76 | 4.02 | .39  | T    | .68   | 1.98 | 3.87  | 3.30  | 25.90  |
| 1945             | 2.40              | 4.83              | 3.61              | 1.08 | 5.25 | 2.75 | .09  | .46  | .99   | 1.79 | 6.22  | 6.38  | 35.85  |
| 1946             | 3.83              | 3.61              | 3.49              | 1.65 | 2.57 | .64  | .74  | .48  | 2.30  | 2.70 | 9.61  | 3.01  | 34.63  |
| 1947             | 2.49              | 2.51              | 2.63              | .63  | 1.55 | 3.54 | .00  | .27  | .92   | 4.86 | 1.94  | 1.40  | 22.74  |
| 1948             | 4.87              | 4.36              | 2.87              | 4.06 | 2.20 | 2.08 | .08  | .29  | 1.09  | 1.03 | 4.75  | 7.19  | 34.87  |
| 1949             | 1.11              | 7.08              | .81               | .42  | 3.19 | .94  | .14  | .06  | .91   | 1.52 | 3.00  | 3.19  | 22.37  |
| 1950             | 9.23              | 3.89              | 6.38              | 1.29 | .49  | 1.25 | .10  | .74  | 1.47  | 5.32 | 3.02  | 4.11  | 37.29  |
| 1951             | 5.11              | 4.25              | 4.18              | 1.87 | 1.83 | 1.92 | .69  | 1.93 | .49   | 6.22 | 4.21  | 8.52  | 41.22  |
| 1952             | 4.90              | 2.81              | 1.84              | .78  | 2.03 | 2.17 | .30  | .08  | .11   | .08  | 1.33  | 6.31  | 22.74  |
| 1953             | 8.55              | 3.78              | 2.80              | 1.74 | 3.13 | 2.09 | .01  | .47  | .07   | .24  | 4.34  | 2.93  | 30.15  |
| 1954             | 8.13              | 4.01              | 3.57              | 2.97 | 1.53 | 3.30 | .41  | .59  | .20   | .32  | 1.80  | 2.79  | 29.62  |
| 1955             | 1.57              | 2.31              | 3.51              | 4.01 | 1.46 | .89  | .99  | .02  | 1.29  | 2.41 | 6.30  | 11.82 | 36.58  |
| 1956             | 4.89              | 4.22              | 1.60              | 1.03 | 2.83 | 1.56 | .37  | .18  | .45   | 6.47 | 1.25  | 2.96  | 27.81  |
| 1957             | 3.26              | 7.10              | 4.33              | 1.80 | 3.46 | .55  | .05  | .48  | .15   | 1.87 | 1.50  | 7.37  | 31.92  |
| 1958             | 4.30              | 5.01              | 3.07              | 4.05 | 1.90 | 3.40 | 1.11 | .38  | .55   | .65  | 5.95  | 4.02  | 34.39  |
| 1959             | 7.04              | 3.82              | 2.50              | 1.26 | 2.79 | .96  | .06  | .89  | 4.95  | 2.32 | 1.47  | 1.95  | 30.01  |
| 1960             | 2.95              | 4.52              | 4.61              | 1.30 | 2.41 | .36  | .27  | 1.27 | .78   | 1.00 | 6.50  | 1.23  | 27.20  |
| 1961             | 2.12              | 4.30              | 3.53              | 1.45 | 2.03 | .52  | .24  | .98  | 1.97  | 3.93 | 4.85  | 4.04  | 29.96  |
| 1962             | 1.98              | 4.59              | 3.45              | 1.93 | 3.09 | 1.45 | .70  | .35  | 1.44  | 6.56 | 5.16  | 2.98  | 33.68  |
| 1963             | 2.04              | 4.22              | 3.41              | 3.73 | 2.84 | 4.22 | .07  | .94  | 1.95  | 2.10 | 5.08  | 2.20  | 32.80  |
| 1964             | 6.01              | .67               | 4.06              | 1.73 | .67  | 4.57 | 1.01 | 1.12 | .57   | .84  | 5.37  | 16.61 | 43.23  |
| 1965             | 7.30              | 2.02              | 1.01              | 5.75 | 1.30 | 1.44 | .65  | 2.00 | .23   | .73  | 3.19  | 2.67  | 28.29  |
| 1966             | 6.29              | 1.33              | 3.68              | 1.02 | .61  | .78  | .11  | .30  | .53   | .94  | 5.03  | 4.56  | 25.18  |
| 1967             | 7.85              | .92               | 3.10              | 2.48 | 1.32 | 2.61 | .45  | T    | 1.68  | 3.68 | .99   | 3.47  | 28.55  |
| 1968             | 3.27              | 5.52              | 1.56              | .95  | 1.87 | 1.46 | .15  | 3.59 | .74   | 2.53 | 4.56  | 6.38  | 32.58  |
| 1969             | 12.21             | 3.50              | 1.35              | 1.11 | 1.13 | 2.70 | .20  | T    | 1.20  | 1.21 | .87   | 5.81  | 31.29  |
| 1970             | 11.97             | 1.76              | 2.96              | 1.45 | 2.45 | 4.28 | .91  | .21  | 2.33  | 3.72 | 8.62  | 9.16  | 49.82  |
| 1971             | 7.47              | 2.55              | 6.50              | .79  | 1.14 | 4.13 | .55  | .21  | .54   | .99  | 3.53  | 5.89  | 34.29  |
| 1972             | 6.16              | 4.51              | 2.61              | 2.76 | .77  | 2.98 | .05  | .68  | 1.22  | 1.99 | 1.78  | 6.80  | 32.31  |
| 1973             | 5.56              | 1.87              | 1.47              | 1.27 | 1.21 | 1.14 | .64  | .48  | 2.00  | 2.09 | 8.69P | 6.50  | 32.92  |
| 1974             | 9.51              | 2.70              | 8.65              | 1.42 | .33  | 1.09 | 1.08 | 1.15 | T     | 1.26 | M     | M     | M      |
| 10-year averages |                   |                   |                   |      |      |      |      |      |       |      |       |       |        |
| 1931-40          | <sup>2</sup> 5.52 | <sup>2</sup> 4.43 | <sup>2</sup> 4.53 | 1.99 | 1.79 | 1.72 | 1.00 | .50  | 1.14  | 2.07 | 2.62  | 6.34  | 33.65  |
| 1941-50          | 4.13              | 3.95              | 2.82              | 1.79 | 2.75 | 2.04 | .39  | .67  | .96   | 2.59 | 4.84  | 4.97  | 31.89  |
| 1951-60          | 5.07              | 4.18              | 3.20              | 2.08 | 2.34 | 1.72 | .43  | .63  | .90   | 2.16 | 3.47  | 4.99  | 31.17  |
| 1961-70          | 6.10              | 2.88              | 2.81              | 2.16 | 1.73 | 2.40 | .45  | .95  | 1.26  | 2.62 | 4.37  | 5.79  | 33.54  |

(con.)

Table 15 (Con.)

Dixie, ID<sup>3</sup>

| Year              | Precipitation |      |       |       |       |      |       |       |       |       |       |      | Annual |
|-------------------|---------------|------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|--------|
|                   | Jan.          | Feb. | Mar.  | Apr.  | May   | June | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec. |        |
|                   | <i>Inches</i> |      |       |       |       |      |       |       |       |       |       |      |        |
| 1952              | M             | M    | M     | M     | M     | M    | 0.94  | 0.65  | 0.25  | 0.27  | 0.54  | 2.58 | M      |
| 1953              | 8.02          | 3.49 | 2.96  | 2.71  | 3.61  | 2.17 | .03   | .95   | .15   | .58   | 3.00  | 4.53 | 32.20  |
| 1954              | 5.24          | 2.33 | 3.22  | 3.76  | 1.45  | 4.37 | 1.21  | 2.68  | .53   | 1.22  | 1.10  | 1.54 | 28.65  |
| 1955              | 1.60          | 3.15 | 3.51  | 2.80  | 2.41  | 2.31 | 1.68  | T     | 1.51  | 3.65  | 6.99  | 4.33 | 33.94  |
| 1956              | 3.10          | 2.82 | 3.71  | .20   | 2.95  | 2.57 | 1.14  | 3.69  | .07   | 2.92  | 2.00  | 3.68 | 28.85  |
| 1957              | 2.58          | 2.58 | 3.25  | 2.36  | 6.45  | 2.26 | .56   | 1.29  | T     | 1.17  | 2.26  | 5.22 | 29.98  |
| 1958              | 2.79          | 1.78 | 1.60  | 3.98  | 2.04  | 5.12 | 1.92  | 1.61  | 1.70  | 1.94  | 4.04  | 3.69 | 32.21  |
| 1959              | 4.29          | 2.52 | 2.98  | 1.14  | 3.84  | 1.81 | .64   | .91   | 4.94  | 4.10  | 2.91  | .86  | 30.94  |
| 1960              | 1.41          | 2.65 | 3.33  | 3.38  | 4.57  | .80  | .62   | 1.98  | .84   | 2.65  | 4.98  | 1.86 | 29.07  |
| 1961              | 1.53          | 4.00 | 3.38  | 3.88  | 4.09  | 1.32 | .38   | .85   | 2.33  | 3.65  | 4.20  | 4.27 | 33.88  |
| 1962              | 3.84          | 1.93 | 3.05  | 1.80  | 4.10  | 2.10 | .10   | .95   | 1.53  | 4.25  | 3.85  | 1.70 | 29.20  |
| 1963              | 2.48          | 3.01 | 3.11  | 3.29  | 2.34  | 6.44 | .72   | .37   | 1.24  | 1.89  | 3.27  | 2.70 | 30.86  |
| 1964              | 6.89          | 1.86 | 6.01  | 2.33  | 2.32  | 4.55 | 2.10  | 3.30  | 1.09  | 1.32  | 2.70  | 9.76 | 44.23  |
| 1965              | 8.09          | 3.52 | .89   | 3.54  | 1.84  | 1.82 | 1.35  | 3.26  | 1.94  | 1.01  | 1.93  | 1.21 | 30.40  |
| 1966              | 3.26          | 2.72 | 2.40  | 1.65  | 1.34  | 3.75 | .03   | .48   | 1.11  | 1.87  | 2.22  | 3.48 | 24.31  |
| 1967              | 6.18          | 1.97 | 4.85  | 3.69  | 1.98  | 3.54 | .68   | .61   | 1.30  | 5.59  | 3.02  | 4.49 | 37.90  |
| 1968              | 2.88          | 3.91 | 1.86  | 2.36  | 2.72  | 1.92 | 1.09  | 2.86  | 2.72  | 2.78  | 3.96  | 4.20 | 33.26  |
| 1969              | 6.67          | 1.47 | 1.26  | 1.44  | 1.94  | 5.00 | .13   | .03   | 2.29  | 2.81  | 1.17  | 2.81 | 27.02  |
| 1970              | 6.39          | 1.85 | 3.56  | 2.76  | 1.64  | 3.49 | 1.24  | .07   | 4.57  | 2.00  | 3.35  | 3.45 | 34.37  |
| 1971              | 8.17          | 3.19 | 3.10  | 2.11  | 2.50  | 3.18 | .32   | .47   | 1.60  | 1.01  | 3.40  | 5.60 | 34.65  |
| 1972              | 7.72          | 5.45 | 3.99  | 3.11  | 1.41  | 1.84 | 1.01  | .27   | 1.81  | .87   | 2.26  | 4.49 | 34.23  |
| 1973              | 1.77          | .71  | 2.16  | 1.82  | 1.89  | 2.15 | .61   | .48   | 2.49  | 1.50  | 7.28  | 4.98 | 27.84  |
| 1974              | 6.00          | 4.16 | 6.67  | 2.08  | 1.28  | 2.06 | 1.51  | 1.64  | .26   | .56   | 1.79  | 4.63 | 32.64  |
| 1975              | 7.41          | 3.66 | 2.26  | 4.18  | 2.69  | 2.44 | .84   | 2.94  | .28   | 5.96  | 3.74  | 6.44 | 42.84  |
| 1976              | 4.30          | 3.40 | 2.65  | 2.28  | 2.24  | 2.53 | 2.23  | 1.69  | 2.02  | 1.13  | .68   | 1.37 | 26.52  |
| 1977              | 1.38          | 1.18 | 5.08  | .84   | 3.30  | 1.39 | 2.67  | 2.09P | 3.75  | 2.61  | 4.11  | 5.72 | 34.12  |
| 1978              | 2.71          | 2.80 | 1.37  | 3.26  | 3.09  | 1.77 | 1.30  | 2.69  | 1.67  | .06   | 1.51  | 5.25 | 27.48  |
| 1979              | 2.06          | 4.52 | 1.38  | 2.45  | 1.97  | 1.79 | 1.60  | 2.12  | .15   | 1.99  | 1.63  | 1.65 | 23.31  |
| 1980              | 2.87          | 1.75 | 2.61  | 1.35  | 3.55  | 3.55 | 2.23  | .64   | 3.65  | 1.00E | 2.85E | 4.04 | 30.09  |
| 1981              | .67           | 2.96 | 2.00E | 1.69  | 2.47  | 5.33 | 1.52  | .63E  | 1.54  | 1.24  | 2.38  | 4.89 | 27.32  |
| 1982              | 5.19          | 3.52 | 1.79  | 2.42E | 1.90E | 2.11 | 2.18  | 1.30E | 1.70  | 3.00E | 1.58  | 3.35 | 30.04  |
| 1983              | 3.35          | 2.07 | 3.32  | 1.51  | 2.36  | 3.90 | 2.72  | 2.64  | 1.59  | 2.10  | 4.11  | 3.35 | 33.02  |
| 1984              | 3.31          | 2.29 | 4.25  | 1.74  | 4.93  | 3.04 | 1.26  | 1.21  | 2.35E | 1.59  | 3.70  | 4.74 | 34.41  |
| 1985              | .94           | 4.20 | 2.05E | 2.03  | 2.17  | .51  | 1.17E | 2.18E | 3.85E | .95   | 2.59  | .68  | 23.32  |
| 1986 <sup>4</sup> | 1.89          | 3.37 | 2.40  | 1.50  | 2.03  | 1.34 | 1.82  | .80   | 1.99  | M     | 3.58  | .28  |        |
| 10-year averages  |               |      |       |       |       |      |       |       |       |       |       |      |        |
| 1951-60           | 3.45          | 2.62 | 3.06  | 2.20  | 3.31  | 2.75 | .99   | 1.51  | 1.03  | 2.33  | 3.07  | 3.34 | 29.66  |
| (adjusted)        |               |      |       |       |       |      |       |       |       |       |       |      |        |
| 1961-70           | 4.82          | 2.62 | 3.04  | 2.67  | 2.43  | 3.39 | .78   | 1.28  | 2.01  | 2.72  | 2.97  | 3.81 | 32.54  |
| 1971-80           | 4.44          | 3.08 | 3.13  | 2.35  | 2.39  | 2.27 | 1.43  | 1.50  | 1.77  | 1.67  | 2.93  | 4.42 | 31.37  |
| 30-year average   |               |      |       |       |       |      |       |       |       |       |       |      |        |
| 1951-80           | 4.24          | 2.77 | 3.07  | 2.41  | 2.71  | 2.80 | 1.07  | 1.43  | 1.61  | 2.24  | 2.99  | 3.85 | 31.19  |

<sup>1</sup>Station known as Deadwood, at nearby site, prior to May 1940; precipitation amounts apparently not compatible (relatively heavy at former location). Station closed 1974.

<sup>2</sup>Average for 9 years.

<sup>3</sup>Several changes in observer during 1980-85, affecting completeness and homogeneity of data.

<sup>4</sup>Some of observed amounts appear much too low in comparison with data from recording gauge at same location; for example, 3.20 inches in April, 2.90 inches in May, 4.90 inches in November 1986.

**Table 16**—Precipitation statistics for climatic stations in RNR vicinity; amounts in inches. Based on indicated years of record, 1951-80 where available. Number 0.00 denotes either zero or trace. Year (YR), first two digits omitted, is the most recent in cases of more than one occurrence

| P R E C I P I T A T I O N |            |               |                           |               |                    |                   |                    |                      |            | BY 10 (OR 11)-DAY AND MONTHLY PERIODS |       |       |       |  |  |
|---------------------------|------------|---------------|---------------------------|---------------|--------------------|-------------------|--------------------|----------------------|------------|---------------------------------------|-------|-------|-------|--|--|
| STATION NUMBR             |            |               | 100835                    | BIG CREEK 1 S |                    |                   | YRS 1949-1967      |                      |            |                                       |       |       |       |  |  |
| PERIOD<br>BEGINS          | NO.<br>YRS | MEAN<br>TOTAL | 10-DAY AND MONTHLY TOTALS |               |                    |                   |                    | MAXIMUM DAILY TOTALS |            |                                       |       |       |       |  |  |
|                           |            |               | STD,<br>DEV               | MEDIAN        | HIGHEST<br>TOT, YR | LOWEST<br>TOT, YR | I<br>EXTREME<br>YR | AVE<br>MAX           | STD<br>DEV | MEDIAN                                |       |       |       |  |  |
| JAN 1                     | 16         | 1.036         | 0.793                     | 0.900         | 2.60               | 53                | 0.05               | 58                   | I 1.40     | 60                                    | 0.491 | 0.405 | 0.385 |  |  |
| JAN 11                    | 16         | 1.417         | 1.205                     | 1.175         | 4.04               | 54                | 0.00               | 65                   | I 1.40     | 64                                    | 0.540 | 0.386 | 0.435 |  |  |
| JAN 21                    | 17         | 1.468         | 1.323                     | 1.430         | 4.45               | 65                | 0.00               | 66                   | I 2.45     | 63                                    | 0.631 | 0.633 | 0.670 |  |  |
| FEB 1                     | 18         | 1.163         | 0.795                     | 1.155         | 2.99               | 63                | 0.00               | 54                   | I 2.11     | 63                                    | 0.674 | 0.572 | 0.495 |  |  |
| FEB 11                    | 17         | 0.932         | 0.721                     | 0.840         | 2.87               | 54                | 0.01               | 55                   | I 1.08     | 54                                    | 0.389 | 0.270 | 0.400 |  |  |
| FEB 21                    | 17         | 0.674         | 0.722                     | 0.300         | 2.72               | 57                | 0.00               | 67                   | I 0.85     | 57                                    | 0.295 | 0.245 | 0.210 |  |  |
| MAR 1                     | 18         | 0.939         | 0.649                     | 1.050         | 2.43               | 60                | 0.00               | 65                   | I 0.96     | 55                                    | 0.413 | 0.269 | 0.380 |  |  |
| MAR 11                    | 18         | 0.766         | 0.558                     | 0.705         | 2.10               | 57                | 0.04               | 62                   | I 1.12     | 57                                    | 0.357 | 0.257 | 0.320 |  |  |
| MAR 21                    | 18         | 1.039         | 0.582                     | 0.900         | 2.36               | 63                | 0.21               | 49                   | I 1.18     | 61                                    | 0.489 | 0.293 | 0.460 |  |  |
| APR 1                     | 18         | 0.732         | 0.668                     | 0.495         | 2.09               | 58                | 0.00               | 49                   | I 1.45     | 58                                    | 0.403 | 0.398 | 0.260 |  |  |
| APR 11                    | 18         | 1.069         | 0.951                     | 0.595         | 3.17               | 65                | 0.05               | 56                   | I 1.38     | 65                                    | 0.476 | 0.335 | 0.380 |  |  |
| APR 21                    | 18         | 0.683         | 0.423                     | 0.610         | 1.41               | 59                | 0.00               | 52                   | I 0.80     | 62                                    | 0.357 | 0.235 | 0.350 |  |  |
| MAY 1                     | 18         | 0.975         | 0.596                     | 0.860         | 2.67               | 63                | 0.02               | 52                   | I 1.10     | 49                                    | 0.501 | 0.272 | 0.440 |  |  |
| MAY 11                    | 18         | 0.672         | 0.670                     | 0.490         | 2.71               | 57                | 0.00               | 54                   | I 0.75     | 58                                    | 0.296 | 0.208 | 0.310 |  |  |
| MAY 21                    | 18         | 0.977         | 0.697                     | 0.830         | 2.46               | 59                | 0.00               | 50                   | I 0.97     | 59                                    | 0.436 | 0.299 | 0.310 |  |  |
| JUN 1                     | 18         | 1.010         | 0.816                     | 0.850         | 2.78               | 63                | 0.00               | 65                   | I 1.36     | 63                                    | 0.431 | 0.314 | 0.415 |  |  |
| JUN 11                    | 18         | 0.709         | 0.438                     | 0.610         | 1.58               | 64                | 0.02               | 59                   | I 1.05     | 60                                    | 0.426 | 0.270 | 0.400 |  |  |
| JUN 21                    | 18         | 0.702         | 0.655                     | 0.425         | 2.25               | 52                | 0.00               | 61                   | I 0.80     | 63                                    | 0.356 | 0.251 | 0.270 |  |  |
| JUL 1                     | 19         | 0.360         | 0.391                     | 0.290         | 1.16               | 55                | 0.00               | 60                   | I 0.80     | 58                                    | 0.220 | 0.225 | 0.170 |  |  |
| JUL 11                    | 19         | 0.236         | 0.449                     | 0.080         | 1.73               | 54                | 0.00               | 66                   | I 1.73     | 54                                    | 0.186 | 0.401 | 0.050 |  |  |
| JUL 21                    | 19         | 0.272         | 0.321                     | 0.160         | 0.86               | 64                | 0.00               | 66                   | I 0.80     | 51                                    | 0.193 | 0.245 | 0.110 |  |  |
| AUG 1                     | 19         | 0.355         | 0.424                     | 0.190         | 1.45               | 63                | 0.00               | 66                   | I 1.27     | 63                                    | 0.273 | 0.333 | 0.160 |  |  |
| AUG 11                    | 19         | 0.324         | 0.369                     | 0.160         | 1.23               | 54                | 0.00               | 67                   | I 0.60     | 65                                    | 0.217 | 0.216 | 0.120 |  |  |
| AUG 21                    | 19         | 0.548         | 0.588                     | 0.350         | 1.87               | 56                | 0.00               | 55                   | I 0.98     | 51                                    | 0.308 | 0.297 | 0.200 |  |  |
| SEP 1                     | 18         | 0.334         | 0.359                     | 0.300         | 1.10               | 61                | 0.00               | 62                   | I 0.95     | 65                                    | 0.249 | 0.302 | 0.130 |  |  |
| SEP 11                    | 18         | 0.751         | 0.591                     | 0.620         | 1.85               | 59                | 0.00               | 53                   | I 0.90     | 66                                    | 0.360 | 0.252 | 0.325 |  |  |
| SEP 21                    | 18         | 0.381         | 0.404                     | 0.255         | 1.19               | 59                | 0.00               | 65                   | I 1.14     | 67                                    | 0.272 | 0.308 | 0.200 |  |  |
| OCT 1                     | 18         | 0.779         | 0.846                     | 0.545         | 2.99               | 62                | 0.00               | 54                   | I 1.20     | 62                                    | 0.383 | 0.383 | 0.285 |  |  |
| OCT 11                    | 18         | 0.856         | 0.954                     | 0.800         | 4.08               | 62                | 0.00               | 53                   | I 1.82     | 62                                    | 0.458 | 0.446 | 0.390 |  |  |
| OCT 21                    | 18         | 0.711         | 0.811                     | 0.395         | 2.99               | 56                | 0.00               | 65                   | I 0.80     | 51                                    | 0.315 | 0.288 | 0.255 |  |  |
| NOV 1                     | 17         | 0.580         | 0.607                     | 0.410         | 2.18               | 58                | 0.00               | 54                   | I 0.60     | 58                                    | 0.270 | 0.199 | 0.220 |  |  |
| NOV 11                    | 17         | 1.050         | 0.744                     | 0.790         | 2.51               | 60                | 0.11               | 59                   | I 1.00     | 55                                    | 0.474 | 0.250 | 0.460 |  |  |
| NOV 21                    | 17         | 0.971         | 0.864                     | 0.850         | 2.88               | 61                | 0.00               | 56                   | I 1.24     | 60                                    | 0.391 | 0.346 | 0.310 |  |  |
| DEC 1                     | 17         | 0.899         | 0.714                     | 0.660         | 2.43               | 66                | 0.00               | 59                   | I 1.20     | 51                                    | 0.421 | 0.366 | 0.280 |  |  |
| DEC 11                    | 16         | 1.066         | 0.834                     | 0.805         | 3.21               | 55                | 0.04               | 59                   | I 1.20     | 55                                    | 0.480 | 0.331 | 0.425 |  |  |
| DEC 21                    | 16         | 1.567         | 2.322                     | 0.895         | 8.97               | 64                | 0.10               | 63                   | I 2.62     | 64                                    | 0.618 | 0.730 | 0.385 |  |  |
| MONTH                     |            |               |                           |               |                    |                   |                    |                      | I          |                                       |       |       |       |  |  |
| JAN                       | 16         | 4.013         | 2.118                     | 4.030         | 7.62               | 54                | 1.18               | 61                   | I 2.45     | 63                                    | 1.005 | 0.528 | 0.840 |  |  |
| FEB                       | 17         | 2.819         | 0.978                     | 2.930         | 4.90               | 61                | 0.90               | 64                   | I 2.11     | 63                                    | 0.858 | 0.492 | 0.770 |  |  |
| MAR                       | 18         | 2.744         | 1.104                     | 2.660         | 4.90               | 60                | 0.92               | 49                   | I 1.18     | 61                                    | 0.653 | 0.276 | 0.570 |  |  |
| APR                       | 18         | 2.485         | 1.499                     | 2.415         | 5.77               | 65                | 0.15               | 56                   | I 1.45     | 58                                    | 0.667 | 0.391 | 0.610 |  |  |
| MAY                       | 18         | 2.624         | 1.323                     | 2.600         | 4.92               | 57                | 0.72               | 66                   | I 1.10     | 49                                    | 0.622 | 0.275 | 0.570 |  |  |
| JUN                       | 18         | 2.421         | 1.321                     | 1.955         | 6.12               | 63                | 0.70               | 49                   | I 1.36     | 63                                    | 0.658 | 0.249 | 0.630 |  |  |
| JUL                       | 19         | 0.868         | 0.800                     | 0.710         | 2.54               | 58                | 0.00               | 49                   | I 1.73     | 54                                    | 0.404 | 0.412 | 0.330 |  |  |
| AUG                       | 19         | 1.227         | 0.759                     | 1.040         | 2.29               | 64                | 0.07               | 67                   | I 1.27     | 63                                    | 0.502 | 0.334 | 0.510 |  |  |
| SEP                       | 18         | 1.465         | 0.994                     | 1.300         | 3.41               | 59                | 0.09               | 53                   | I 1.14     | 67                                    | 0.500 | 0.321 | 0.455 |  |  |
| OCT                       | 18         | 2.345         | 1.931                     | 1.945         | 7.07               | 62                | 0.00               | 49                   | I 1.82     | 62                                    | 0.633 | 0.427 | 0.595 |  |  |
| NOV                       | 17         | 2.601         | 1.457                     | 2.440         | 4.92               | 62                | 0.73               | 52                   | I 1.24     | 60                                    | 0.601 | 0.268 | 0.520 |  |  |
| DEC                       | 16         | 3.582         | 3.035                     | 2.525         | 12.41              | 64                | 0.95               | 59                   | I 2.62     | 64                                    | 0.871 | 0.647 | 0.595 |  |  |

(con.)

Table 16 (Con.)

| P R E C I P I T A T I O N |            |               |                           |         |                    |                   |               |               |                      | BY 10 (OR 11)-DAY AND MONTHLY PERIODS |        |       |       |       |
|---------------------------|------------|---------------|---------------------------|---------|--------------------|-------------------|---------------|---------------|----------------------|---------------------------------------|--------|-------|-------|-------|
| STATION NUMBER            |            |               | 101663                    | CHALLIS |                    |                   | YRS 1951-1980 |               |                      |                                       |        |       |       |       |
| PERIOD<br>BEGINS          | NO.<br>YRS | MEAN<br>TOTAL | 10-DAY AND MONTHLY TOTALS |         |                    |                   |               |               | MAXIMUM DAILY TOTALS |                                       |        |       |       |       |
|                           |            |               | STD,<br>DEV               | MEDIAN  | HIGHEST<br>TOT, YR | LOWEST<br>TOT, YR | I<br>I        | EXTREME<br>YR | AVE<br>MAX           | STD<br>DEV                            | MEDIAN |       |       |       |
| JAN 1                     | 30         | 0.149         | 0.158                     | 0.090   | 0.49               | 53                | 0.00          | 74            | I                    | 0.31                                  | 53     | 0.091 | 0.091 | 0.065 |
| JAN 11                    | 30         | 0.224         | 0.261                     | 0.115   | 0.95               | 69                | 0.00          | 77            | I                    | 0.83                                  | 80     | 0.139 | 0.184 | 0.070 |
| JAN 21                    | 30         | 0.181         | 0.190                     | 0.100   | 0.64               | 69                | 0.00          | 77            | I                    | 0.47                                  | 65     | 0.102 | 0.112 | 0.070 |
| FEB 1                     | 30         | 0.141         | 0.223                     | 0.050   | 0.86               | 63                | 0.00          | 79            | I                    | 0.74                                  | 63     | 0.107 | 0.173 | 0.040 |
| FEB 11                    | 30         | 0.130         | 0.144                     | 0.070   | 0.53               | 79                | 0.00          | 77            | I                    | 0.33                                  | 62     | 0.080 | 0.087 | 0.060 |
| FEB 21                    | 30         | 0.091         | 0.102                     | 0.065   | 0.44               | 76                | 0.00          | 72            | I                    | 0.30                                  | 67     | 0.069 | 0.076 | 0.050 |
| MAR 1                     | 30         | 0.177         | 0.216                     | 0.125   | 1.07               | 74                | 0.00          | 65            | I                    | 0.54                                  | 74     | 0.118 | 0.128 | 0.070 |
| MAR 11                    | 30         | 0.106         | 0.126                     | 0.075   | 0.50               | 79                | 0.00          | 78            | I                    | 0.48                                  | 79     | 0.081 | 0.110 | 0.060 |
| MAR 21                    | 30         | 0.119         | 0.107                     | 0.090   | 0.33               | 74                | 0.00          | 62            | I                    | 0.24                                  | 60     | 0.079 | 0.067 | 0.060 |
| APR 1                     | 30         | 0.172         | 0.241                     | 0.060   | 0.85               | 63                | 0.00          | 77            | I                    | 0.70                                  | 63     | 0.121 | 0.187 | 0.050 |
| APR 11                    | 30         | 0.129         | 0.244                     | 0.055   | 1.30               | 73                | 0.00          | 74            | I                    | 0.90                                  | 73     | 0.098 | 0.176 | 0.040 |
| APR 21                    | 30         | 0.280         | 0.283                     | 0.165   | 0.94               | 60                | 0.00          | 77            | I                    | 0.47                                  | 53     | 0.169 | 0.156 | 0.135 |
| MAY 1                     | 30         | 0.299         | 0.300                     | 0.250   | 1.17               | 80                | 0.00          | 74            | I                    | 0.85                                  | 58     | 0.180 | 0.179 | 0.175 |
| MAY 11                    | 30         | 0.444         | 0.548                     | 0.275   | 2.25               | 57                | 0.00          | 79            | I                    | 0.99                                  | 61     | 0.247 | 0.231 | 0.200 |
| MAY 21                    | 30         | 0.371         | 0.349                     | 0.230   | 1.17               | 62                | 0.00          | 75            | I                    | 1.00                                  | 62     | 0.220 | 0.219 | 0.170 |
| JUN 1                     | 30         | 0.505         | 0.588                     | 0.320   | 1.98               | 68                | 0.00          | 79            | I                    | 0.81                                  | 53     | 0.231 | 0.232 | 0.150 |
| JUN 11                    | 30         | 0.341         | 0.320                     | 0.220   | 1.08               | 55                | 0.00          | 71            | I                    | 0.99                                  | 74     | 0.189 | 0.191 | 0.135 |
| JUN 21                    | 30         | 0.326         | 0.330                     | 0.235   | 1.08               | 63                | 0.00          | 74            | I                    | 0.74                                  | 63     | 0.209 | 0.211 | 0.135 |
| JUL 1                     | 30         | 0.200         | 0.254                     | 0.070   | 0.81               | 55                | 0.00          | 76            | I                    | 0.69                                  | 55     | 0.136 | 0.179 | 0.045 |
| JUL 11                    | 30         | 0.157         | 0.293                     | 0.050   | 1.34               | 54                | 0.00          | 80            | I                    | 0.70                                  | 54     | 0.097 | 0.150 | 0.040 |
| JUL 21                    | 30         | 0.178         | 0.227                     | 0.100   | 1.13               | 77                | 0.00          | 80            | I                    | 0.71                                  | 77     | 0.119 | 0.148 | 0.070 |
| AUG 1                     | 30         | 0.192         | 0.227                     | 0.105   | 0.89               | 74                | 0.00          | 80            | I                    | 0.39                                  | 74     | 0.129 | 0.133 | 0.070 |
| AUG 11                    | 30         | 0.208         | 0.296                     | 0.040   | 1.10               | 68                | 0.00          | 80            | I                    | 0.75                                  | 74     | 0.118 | 0.173 | 0.040 |
| AUG 21                    | 30         | 0.181         | 0.198                     | 0.135   | 0.70               | 51                | 0.00          | 78            | I                    | 0.47                                  | 75     | 0.120 | 0.138 | 0.075 |
| SEP 1                     | 30         | 0.151         | 0.220                     | 0.025   | 0.91               | 78                | 0.00          | 79            | I                    | 0.57                                  | 78     | 0.098 | 0.141 | 0.025 |
| SEP 11                    | 30         | 0.398         | 0.526                     | 0.120   | 1.85               | 76                | 0.00          | 79            | I                    | 1.22                                  | 76     | 0.238 | 0.337 | 0.085 |
| SEP 21                    | 30         | 0.122         | 0.188                     | 0.035   | 0.88               | 68                | 0.00          | 78            | I                    | 0.88                                  | 68     | 0.102 | 0.179 | 0.030 |
| OCT 1                     | 30         | 0.135         | 0.255                     | 0.045   | 1.19               | 67                | 0.00          | 80            | I                    | 0.58                                  | 67     | 0.085 | 0.135 | 0.035 |
| OCT 11                    | 29         | 0.133         | 0.221                     | 0.040   | 0.95               | 72                | 0.00          | 78            | I                    | 0.75                                  | 72     | 0.109 | 0.183 | 0.040 |
| OCT 21                    | 29         | 0.123         | 0.150                     | 0.070   | 0.50               | 67                | 0.00          | 78            | I                    | 0.39                                  | 57     | 0.083 | 0.104 | 0.050 |
| NOV 1                     | 30         | 0.123         | 0.193                     | 0.030   | 0.67               | 68                | 0.00          | 78            | I                    | 0.48                                  | 80     | 0.084 | 0.126 | 0.030 |
| NOV 11                    | 29         | 0.121         | 0.196                     | 0.050   | 0.95               | 73                | 0.00          | 78            | I                    | 0.35                                  | 73     | 0.062 | 0.090 | 0.030 |
| NOV 21                    | 30         | 0.158         | 0.155                     | 0.110   | 0.63               | 70                | 0.00          | 69            | I                    | 0.28                                  | 70     | 0.095 | 0.083 | 0.070 |
| DEC 1                     | 29         | 0.172         | 0.167                     | 0.110   | 0.68               | 51                | 0.00          | 76            | I                    | 0.68                                  | 51     | 0.123 | 0.134 | 0.070 |
| DEC 11                    | 29         | 0.133         | 0.168                     | 0.080   | 0.66               | 64                | 0.00          | 80            | I                    | 0.35                                  | 73     | 0.081 | 0.090 | 0.050 |
| DEC 21                    | 29         | 0.287         | 0.577                     | 0.130   | 2.84               | 64                | 0.00          | 76            | I                    | 1.62                                  | 64     | 0.190 | 0.341 | 0.100 |
| MONTH                     |            |               |                           |         |                    |                   |               |               | I                    |                                       |        |       |       |       |
| JAN                       | 30         | 0.553         | 0.366                     | 0.485   | 1.68               | 69                | 0.00          | 61            | I                    | 0.83                                  | 80     | 0.220 | 0.167 | 0.180 |
| FEB                       | 30         | 0.362         | 0.264                     | 0.330   | 0.86               | 63                | 0.00          | 56            | I                    | 0.74                                  | 63     | 0.177 | 0.164 | 0.135 |
| MAR                       | 30         | 0.402         | 0.314                     | 0.330   | 1.64               | 74                | 0.03          | 61            | I                    | 0.54                                  | 74     | 0.176 | 0.132 | 0.125 |
| APR                       | 30         | 0.581         | 0.455                     | 0.480   | 1.70               | 67                | 0.00          | 74            | I                    | 0.90                                  | 73     | 0.278 | 0.213 | 0.280 |
| MAY                       | 30         | 1.114         | 0.823                     | 1.030   | 3.49               | 57                | 0.10          | 54            | I                    | 1.00                                  | 62     | 0.383 | 0.237 | 0.305 |
| JUN                       | 30         | 1.172         | 0.743                     | 1.035   | 3.83               | 63                | 0.00          | 60            | I                    | 0.99                                  | 74     | 0.410 | 0.212 | 0.390 |
| JUL                       | 30         | 0.535         | 0.435                     | 0.430   | 1.75               | 54                | 0.00          | 66            | I                    | 0.71                                  | 77     | 0.249 | 0.198 | 0.235 |
| AUG                       | 30         | 0.581         | 0.428                     | 0.475   | 1.64               | 74                | 0.02          | 64            | I                    | 0.75                                  | 74     | 0.247 | 0.158 | 0.235 |
| SEP                       | 30         | 0.671         | 0.689                     | 0.395   | 2.28               | 76                | 0.01          | 51            | I                    | 1.22                                  | 76     | 0.308 | 0.319 | 0.205 |
| OCT                       | 29         | 0.397         | 0.480                     | 0.240   | 1.79               | 67                | 0.00          | 78            | I                    | 0.75                                  | 72     | 0.169 | 0.197 | 0.120 |
| NOV                       | 29         | 0.406         | 0.346                     | 0.320   | 1.67               | 73                | 0.00          | 59            | I                    | 0.48                                  | 80     | 0.170 | 0.120 | 0.140 |
| DEC                       | 29         | 0.592         | 0.717                     | 0.380   | 3.72               | 64                | 0.00          | 76            | I                    | 1.62                                  | 64     | 0.275 | 0.329 | 0.190 |

(con.)

Table 16 (Con.)

| P R E C I P I T A T I O N |            |               |                           |        |                    |                   |               |                      |            | BY 10 (OR 11)-DAY AND MONTHLY PERIODS |        |       |       |       |
|---------------------------|------------|---------------|---------------------------|--------|--------------------|-------------------|---------------|----------------------|------------|---------------------------------------|--------|-------|-------|-------|
| STATION NUMBER            |            |               | 101932                    | COBALT |                    |                   | YRS 1962-1981 |                      |            |                                       |        |       |       |       |
| PERIOD<br>BEGINS          | NO.<br>YRS | MEAN<br>TOTAL | 10-DAY AND MONTHLY TOTALS |        |                    |                   |               | MAXIMUM DAILY TOTALS |            |                                       |        |       |       |       |
|                           |            |               | STD,<br>DEV               | MEDIAN | HIGHEST<br>TOT, YR | LOWEST<br>TOT, YR | I             | EXTREME<br>YR        | AVE<br>MAX | STD<br>DEV                            | MEDIAN |       |       |       |
| JAN 1                     | 20         | 0.547         | 0.403                     | 0.470  | 1.52               | 71                | 0.00          | 81                   | I          | 0.62                                  | 76     | 0.257 | 0.162 | 0.255 |
| JAN 11                    | 20         | 0.606         | 0.481                     | 0.510  | 1.57               | 71                | 0.03          | 81                   | I          | 0.88                                  | 66     | 0.331 | 0.264 | 0.260 |
| JAN 21                    | 20         | 0.529         | 0.580                     | 0.260  | 1.78               | 65                | 0.00          | 77                   | I          | 0.78                                  | 75     | 0.241 | 0.259 | 0.120 |
| FEB 1                     | 20         | 0.334         | 0.415                     | 0.300  | 1.92               | 63                | 0.00          | 81                   | I          | 1.43                                  | 63     | 0.234 | 0.309 | 0.165 |
| FEB 11                    | 20         | 0.441         | 0.393                     | 0.355  | 1.56               | 81                | 0.00          | 77                   | I          | 0.56                                  | 68     | 0.214 | 0.149 | 0.220 |
| FEB 21                    | 20         | 0.276         | 0.219                     | 0.235  | 0.73               | 72                | 0.00          | 73                   | I          | 0.38                                  | 76     | 0.158 | 0.108 | 0.150 |
| MAR 1                     | 19         | 0.386         | 0.432                     | 0.190  | 1.73               | 74                | 0.00          | 81                   | I          | 0.53                                  | 72     | 0.202 | 0.169 | 0.160 |
| MAR 11                    | 19         | 0.382         | 0.240                     | 0.360  | 0.93               | 67                | 0.02          | 78                   | I          | 0.36                                  | 70     | 0.201 | 0.111 | 0.220 |
| MAR 21                    | 19         | 0.341         | 0.252                     | 0.310  | 0.97               | 71                | 0.00          | 64                   | I          | 0.43                                  | 72     | 0.176 | 0.120 | 0.180 |
| APR 1                     | 18         | 0.650         | 0.407                     | 0.515  | 1.67               | 63                | 0.22          | 78                   | I          | 0.90                                  | 67     | 0.354 | 0.231 | 0.290 |
| APR 11                    | 18         | 0.402         | 0.374                     | 0.390  | 1.60               | 67                | 0.00          | 80                   | I          | 0.92                                  | 67     | 0.231 | 0.216 | 0.215 |
| APR 21                    | 18         | 0.733         | 0.628                     | 0.670  | 2.47               | 71                | 0.00          | 68                   | I          | 1.67                                  | 71     | 0.380 | 0.377 | 0.360 |
| MAY 1                     | 17         | 0.607         | 0.369                     | 0.610  | 1.50               | 80                | 0.03          | 69                   | I          | 0.86                                  | 81     | 0.337 | 0.210 | 0.330 |
| MAY 11                    | 17         | 0.662         | 0.529                     | 0.570  | 1.65               | 78                | 0.00          | 79                   | I          | 0.62                                  | 78     | 0.308 | 0.219 | 0.270 |
| MAY 21                    | 17         | 0.741         | 0.627                     | 0.480  | 2.41               | 80                | 0.03          | 63                   | I          | 1.04                                  | 81     | 0.389 | 0.275 | 0.310 |
| JUN 1                     | 17         | 0.741         | 0.636                     | 0.520  | 2.14               | 63                | 0.08          | 75                   | I          | 1.03                                  | 63     | 0.351 | 0.265 | 0.290 |
| JUN 11                    | 17         | 0.894         | 0.487                     | 1.000  | 1.59               | 62                | 0.03          | 74                   | I          | 1.13                                  | 79     | 0.466 | 0.295 | 0.420 |
| JUN 21                    | 17         | 0.644         | 0.772                     | 0.400  | 2.61               | 70                | 0.00          | 81                   | I          | 1.37                                  | 70     | 0.319 | 0.373 | 0.300 |
| JUL 1                     | 17         | 0.498         | 0.535                     | 0.370  | 1.59               | 69                | 0.00          | 79                   | I          | 0.95                                  | 69     | 0.281 | 0.295 | 0.220 |
| JUL 11                    | 17         | 0.401         | 0.392                     | 0.200  | 1.10               | 67                | 0.00          | 81                   | I          | 0.82                                  | 68     | 0.287 | 0.291 | 0.140 |
| JUL 21                    | 17         | 0.438         | 0.526                     | 0.240  | 1.75               | 75                | 0.00          | 79                   | I          | 0.98                                  | 75     | 0.275 | 0.278 | 0.170 |
| AUG 1                     | 19         | 0.254         | 0.281                     | 0.210  | 1.00               | 77                | 0.00          | 81                   | I          | 0.74                                  | 77     | 0.165 | 0.182 | 0.120 |
| AUG 11                    | 19         | 0.497         | 0.597                     | 0.410  | 2.26               | 68                | 0.00          | 77                   | I          | 0.89                                  | 68     | 0.269 | 0.268 | 0.200 |
| AUG 21                    | 19         | 0.380         | 0.351                     | 0.270  | 1.19               | 75                | 0.00          | 81                   | I          | 0.55                                  | 73     | 0.247 | 0.220 | 0.200 |
| SEP 1                     | 19         | 0.410         | 0.546                     | 0.190  | 2.10               | 70                | 0.00          | 81                   | I          | 1.10                                  | 70     | 0.258 | 0.291 | 0.130 |
| SEP 11                    | 18         | 0.607         | 0.566                     | 0.500  | 1.64               | 68                | 0.00          | 79                   | I          | 1.05                                  | 66     | 0.324 | 0.289 | 0.285 |
| SEP 21                    | 19         | 0.274         | 0.286                     | 0.220  | 0.90               | 77                | 0.00          | 78                   | I          | 0.86                                  | 67     | 0.174 | 0.200 | 0.200 |
| OCT 1                     | 19         | 0.373         | 0.456                     | 0.180  | 1.37               | 67                | 0.00          | 80                   | I          | 0.81                                  | 75     | 0.204 | 0.241 | 0.130 |
| OCT 11                    | 19         | 0.371         | 0.300                     | 0.370  | 0.90               | 63                | 0.00          | 78                   | I          | 0.60                                  | 63     | 0.224 | 0.181 | 0.230 |
| OCT 21                    | 20         | 0.414         | 0.442                     | 0.290  | 1.61               | 75                | 0.00          | 80                   | I          | 0.68                                  | 75     | 0.223 | 0.218 | 0.165 |
| NOV 1                     | 19         | 0.479         | 0.430                     | 0.340  | 1.58               | 68                | 0.00          | 81                   | I          | 0.92                                  | 68     | 0.248 | 0.203 | 0.210 |
| NOV 11                    | 19         | 0.399         | 0.379                     | 0.270  | 1.24               | 68                | 0.00          | 78                   | I          | 0.65                                  | 68     | 0.205 | 0.175 | 0.160 |
| NOV 21                    | 19         | 0.526         | 0.399                     | 0.420  | 1.31               | 70                | 0.00          | 80                   | I          | 0.85                                  | 81     | 0.292 | 0.245 | 0.230 |
| DEC 1                     | 19         | 0.607         | 0.629                     | 0.250  | 2.09               | 75                | 0.07          | 73                   | I          | 1.31                                  | 75     | 0.333 | 0.342 | 0.190 |
| DEC 11                    | 19         | 0.454         | 0.529                     | 0.280  | 2.17               | 77                | 0.00          | 80                   | I          | 1.13                                  | 77     | 0.238 | 0.262 | 0.170 |
| DEC 21                    | 19         | 0.654         | 0.454                     | 0.550  | 1.61               | 73                | 0.03          | 63                   | I          | 1.00                                  | 62     | 0.289 | 0.232 | 0.240 |
| MONTH                     |            |               |                           |        |                    |                   |               |                      | I          |                                       |        |       |       |       |
| JAN                       | 20         | 1.682         | 0.994                     | 1.785  | 3.33               | 71                | 0.15          | 81                   | I          | 0.88                                  | 66     | 0.461 | 0.259 | 0.515 |
| FEB                       | 20         | 1.050         | 0.666                     | 1.015  | 2.59               | 63                | 0.05          | 73                   | I          | 1.43                                  | 63     | 0.327 | 0.291 | 0.275 |
| MAR                       | 19         | 1.108         | 0.706                     | 0.910  | 2.89               | 74                | 0.10          | 65                   | I          | 0.53                                  | 72     | 0.284 | 0.128 | 0.300 |
| APR                       | 18         | 1.784         | 0.982                     | 1.425  | 3.36               | 67                | 0.49          | 77                   | I          | 1.67                                  | 71     | 0.515 | 0.351 | 0.410 |
| MAY                       | 17         | 2.011         | 1.142                     | 1.630  | 4.42               | 80                | 0.72          | 73                   | I          | 1.04                                  | 81     | 0.502 | 0.231 | 0.520 |
| JUN                       | 17         | 2.278         | 1.038                     | 2.000  | 5.21               | 63                | 0.43          | 74                   | I          | 1.37                                  | 70     | 0.672 | 0.299 | 0.630 |
| JUL                       | 17         | 1.336         | 0.884                     | 1.060  | 3.30               | 75                | 0.00          | 79                   | I          | 0.98                                  | 75     | 0.568 | 0.267 | 0.600 |
| AUG                       | 19         | 1.131         | 0.768                     | 0.970  | 3.34               | 68                | 0.13          | 69                   | I          | 0.89                                  | 68     | 0.444 | 0.206 | 0.520 |
| SEP                       | 18         | 1.268         | 0.873                     | 1.475  | 2.68               | 70                | 0.07M         | 62                   | I          | 1.10                                  | 70     | 0.469 | 0.318 | 0.375 |
| OCT                       | 19         | 1.180         | 0.881                     | 0.920  | 3.20               | 75                | 0.05          | 78                   | I          | 0.81                                  | 75     | 0.377 | 0.190 | 0.380 |
| NOV                       | 19         | 1.404         | 0.777                     | 1.080  | 3.24               | 68                | 0.34          | 76                   | I          | 0.92                                  | 68     | 0.425 | 0.217 | 0.370 |
| DEC                       | 19         | 1.715         | 1.021                     | 1.500  | 4.34               | 77                | 0.29          | 76                   | I          | 1.31                                  | 75     | 0.478 | 0.334 | 0.400 |

(con.)

Table 16 (Con.)

| P R E C I P I T A T I O N |            |               |                           |        |                    |                   |                    |              |                      | BY 10 (OR 11)-DAY AND MONTHLY PERIODS |        |       |       |       |  |  |  |  |  |
|---------------------------|------------|---------------|---------------------------|--------|--------------------|-------------------|--------------------|--------------|----------------------|---------------------------------------|--------|-------|-------|-------|--|--|--|--|--|
| STATION NUMBER            |            |               | 102575                    | DIXIE  |                    |                   | YRS 1952-1980      |              |                      |                                       |        |       |       |       |  |  |  |  |  |
| PERIOD<br>BEGINS          | NO.<br>YRS | MEAN<br>TOTAL | 10-DAY AND MONTHLY TOTALS |        |                    |                   |                    | I<br>TOT, YR | MAXIMUM DAILY TOTALS |                                       |        |       |       |       |  |  |  |  |  |
|                           |            |               | STD.<br>DEV               | MEDIAN | HIGHEST<br>TOT, YR | LOWEST<br>TOT, YR | I<br>EXTREME<br>YR |              | AVE<br>MAX           | STD<br>DEV                            | MEDIAN |       |       |       |  |  |  |  |  |
| JAN 1                     | 28         | 1.145         | 0.880                     | 0.930  | 3.15               | 69                | 0.00               | 58           | I                    | 0.90                                  | 69     | 0.365 | 0.258 | 0.300 |  |  |  |  |  |
| JAN 11                    | 28         | 1.666         | 1.152                     | 1.260  | 4.65               | 53                | 0.15               | 65           | I                    | 1.41                                  | 72     | 0.577 | 0.381 | 0.475 |  |  |  |  |  |
| JAN 21                    | 28         | 1.533         | 1.407                     | 1.120  | 6.40               | 65                | 0.00               | 77           | I                    | 1.47                                  | 65     | 0.479 | 0.348 | 0.460 |  |  |  |  |  |
| FEB 1                     | 28         | 0.942         | 0.640                     | 0.885  | 2.29               | 74                | 0.00               | 54           | I                    | 1.11                                  | 79     | 0.411 | 0.279 | 0.385 |  |  |  |  |  |
| FEB 11                    | 28         | 1.123         | 0.701                     | 1.145  | 2.46               | 76                | 0.00               | 57           | I                    | 1.27                                  | 68     | 0.385 | 0.256 | 0.390 |  |  |  |  |  |
| FEB 21                    | 28         | 0.734         | 0.555                     | 0.670  | 2.59               | 72                | 0.03               | 67           | I                    | 0.57                                  | 57     | 0.314 | 0.148 | 0.310 |  |  |  |  |  |
| MAR 1                     | 28         | 1.070         | 0.725                     | 1.015  | 3.25               | 74                | 0.00               | 65           | I                    | 1.14                                  | 67     | 0.439 | 0.267 | 0.400 |  |  |  |  |  |
| MAR 11                    | 28         | 0.974         | 0.496                     | 0.930  | 2.36               | 67                | 0.34               | 79           | I                    | 0.90                                  | 64     | 0.444 | 0.190 | 0.405 |  |  |  |  |  |
| MAR 21                    | 28         | 1.035         | 0.528                     | 0.980  | 2.37               | 64                | 0.16               | 78           | I                    | 1.27                                  | 64     | 0.444 | 0.225 | 0.410 |  |  |  |  |  |
| APR 1                     | 28         | 0.888         | 0.493                     | 0.875  | 2.33               | 54                | 0.10               | 56           | I                    | 1.24                                  | 54     | 0.417 | 0.238 | 0.365 |  |  |  |  |  |
| APR 11                    | 28         | 0.889         | 0.656                     | 0.725  | 2.23               | 60                | 0.00               | 56           | I                    | 0.98                                  | 67     | 0.410 | 0.264 | 0.345 |  |  |  |  |  |
| APR 21                    | 28         | 0.743         | 0.421                     | 0.715  | 1.71               | 75                | 0.00               | 77           | I                    | 0.94                                  | 75     | 0.349 | 0.220 | 0.295 |  |  |  |  |  |
| MAY 1                     | 28         | 0.877         | 0.553                     | 0.890  | 1.94               | 75                | 0.03               | 66           | I                    | 0.80                                  | 60     | 0.398 | 0.222 | 0.385 |  |  |  |  |  |
| MAY 11                    | 28         | 0.830         | 0.800                     | 0.730  | 4.18               | 57                | 0.00               | 79           | I                    | 1.09                                  | 57     | 0.375 | 0.247 | 0.385 |  |  |  |  |  |
| MAY 21                    | 28         | 0.992         | 0.515                     | 0.880  | 1.93               | 80                | 0.24               | 75           | I                    | 1.02                                  | 60     | 0.453 | 0.243 | 0.430 |  |  |  |  |  |
| JUN 1                     | 28         | 1.070         | 0.804                     | 0.865  | 2.68               | 58                | 0.00               | 73           | I                    | 1.63                                  | 69     | 0.504 | 0.349 | 0.415 |  |  |  |  |  |
| JUN 11                    | 28         | 0.861         | 0.563                     | 0.805  | 2.11               | 73                | 0.00               | 74           | I                    | 1.06                                  | 73     | 0.413 | 0.234 | 0.390 |  |  |  |  |  |
| JUN 21                    | 28         | 0.856         | 0.793                     | 0.575  | 3.32               | 63                | 0.00               | 61           | I                    | 1.09                                  | 55     | 0.426 | 0.315 | 0.360 |  |  |  |  |  |
| JUL 1                     | 29         | 0.450         | 0.491                     | 0.300  | 2.16               | 80                | 0.00               | 76           | I                    | 1.00                                  | 80     | 0.278 | 0.274 | 0.200 |  |  |  |  |  |
| JUL 11                    | 29         | 0.293         | 0.367                     | 0.130  | 1.42               | 76                | 0.00               | 79           | I                    | 0.78                                  | 54     | 0.205 | 0.224 | 0.130 |  |  |  |  |  |
| JUL 21                    | 29         | 0.322         | 0.391                     | 0.140  | 1.43               | 64                | 0.00               | 71           | I                    | 1.01                                  | 64     | 0.206 | 0.238 | 0.140 |  |  |  |  |  |
| AUG 1                     | 28         | 0.332         | 0.294                     | 0.280  | 0.95               | 60                | 0.00               | 79           | I                    | 0.95                                  | 60     | 0.245 | 0.227 | 0.220 |  |  |  |  |  |
| AUG 11                    | 28         | 0.491         | 0.587                     | 0.235  | 2.14               | 68                | 0.00               | 73           | I                    | 1.14                                  | 74     | 0.292 | 0.320 | 0.195 |  |  |  |  |  |
| AUG 21                    | 28         | 0.587         | 0.699                     | 0.350  | 2.86               | 56                | 0.00               | 70           | I                    | 1.35                                  | 56     | 0.324 | 0.342 | 0.235 |  |  |  |  |  |
| SEP 1                     | 29         | 0.427         | 0.577                     | 0.220  | 2.78               | 70                | 0.00               | 79           | I                    | 1.40                                  | 70     | 0.262 | 0.321 | 0.170 |  |  |  |  |  |
| SEP 11                    | 29         | 0.764         | 0.667                     | 0.590  | 2.34               | 80                | 0.00               | 79           | I                    | 0.88                                  | 80     | 0.359 | 0.263 | 0.380 |  |  |  |  |  |
| SEP 21                    | 29         | 0.457         | 0.643                     | 0.170  | 2.50               | 77                | 0.00               | 78           | I                    | 1.14                                  | 59     | 0.242 | 0.266 | 0.140 |  |  |  |  |  |
| OCT 1                     | 29         | 0.664         | 0.755                     | 0.470  | 2.69               | 62                | 0.00               | 80           | I                    | 1.37                                  | 62     | 0.356 | 0.380 | 0.330 |  |  |  |  |  |
| OCT 11                    | 29         | 0.583         | 0.572                     | 0.310  | 2.30               | 68                | 0.00               | 78           | I                    | 1.11                                  | 68     | 0.336 | 0.293 | 0.220 |  |  |  |  |  |
| OCT 21                    | 29         | 0.921         | 0.855                     | 0.770  | 3.64               | 75                | 0.00               | 65           | I                    | 1.23                                  | 75     | 0.416 | 0.369 | 0.290 |  |  |  |  |  |
| NOV 1                     | 28         | 0.801         | 0.786                     | 0.570  | 3.65               | 73                | 0.00               | 52           | I                    | 1.34                                  | 73     | 0.364 | 0.309 | 0.260 |  |  |  |  |  |
| NOV 11                    | 28         | 0.947         | 0.552                     | 0.770  | 2.23               | 60                | 0.19               | 76           | I                    | 1.12                                  | 62     | 0.424 | 0.233 | 0.360 |  |  |  |  |  |
| NOV 21                    | 28         | 1.248         | 0.916                     | 1.225  | 3.57               | 55                | 0.00               | 69           | I                    | 1.30                                  | 61     | 0.514 | 0.343 | 0.475 |  |  |  |  |  |
| DEC 1                     | 29         | 1.324         | 0.936                     | 1.130  | 4.42               | 75                | 0.05               | 65           | I                    | 1.42                                  | 75     | 0.517 | 0.318 | 0.440 |  |  |  |  |  |
| DEC 11                    | 29         | 1.081         | 0.707                     | 1.010  | 2.66               | 64                | 0.00               | 76           | I                    | 0.91                                  | 57     | 0.412 | 0.258 | 0.340 |  |  |  |  |  |
| DEC 21                    | 29         | 1.406         | 1.121                     | 1.250  | 6.02               | 64                | 0.30               | 62           | I                    | 1.70                                  | 64     | 0.523 | 0.317 | 0.510 |  |  |  |  |  |
| MONTH                     |            |               |                           |        |                    |                   |                    |              |                      | I                                     |        |       |       |       |  |  |  |  |  |
|                           |            |               |                           |        |                    |                   |                    |              |                      | I                                     |        |       |       |       |  |  |  |  |  |
| JAN                       | 28         | 4.344         | 2.354                     | 3.550  | 8.17               | 71                | 1.38               | 77           | I                    | 1.47                                  | 65     | 0.747 | 0.362 | 0.700 |  |  |  |  |  |
| FEB                       | 28         | 2.799         | 1.079                     | 2.760  | 5.45               | 72                | 0.71               | 73           | I                    | 1.27                                  | 68     | 0.584 | 0.236 | 0.540 |  |  |  |  |  |
| MAR                       | 28         | 3.079         | 1.367                     | 3.075  | 6.67               | 74                | 0.89               | 65           | I                    | 1.27                                  | 64     | 0.610 | 0.234 | 0.555 |  |  |  |  |  |
| APR                       | 28         | 2.520         | 1.018                     | 2.400  | 4.18               | 75                | 0.20               | 56           | I                    | 1.24                                  | 54     | 0.606 | 0.239 | 0.560 |  |  |  |  |  |
| MAY                       | 28         | 2.698         | 1.173                     | 2.375  | 6.45               | 57                | 1.28               | 74           | I                    | 1.09                                  | 57     | 0.592 | 0.214 | 0.585 |  |  |  |  |  |
| JUN                       | 28         | 2.787         | 1.336                     | 2.285  | 6.44               | 63                | 0.80               | 60           | I                    | 1.63                                  | 69     | 0.714 | 0.297 | 0.655 |  |  |  |  |  |
| JUL                       | 29         | 1.065         | 0.715                     | 1.010  | 2.67               | 77                | 0.03               | 66           | I                    | 1.01                                  | 64     | 0.440 | 0.273 | 0.430 |  |  |  |  |  |
| AUG                       | 28         | 1.410         | 1.128                     | 0.945  | 3.69               | 56                | 0.00               | 55           | I                    | 1.35                                  | 56     | 0.518 | 0.335 | 0.515 |  |  |  |  |  |
| SEP                       | 29         | 1.648         | 1.324                     | 1.520  | 4.94               | 59                | 0.00               | 57           | I                    | 1.40                                  | 70     | 0.491 | 0.324 | 0.520 |  |  |  |  |  |
| OCT                       | 29         | 2.168         | 1.496                     | 1.890  | 5.96               | 75                | 0.06               | 78           | I                    | 1.37                                  | 62     | 0.646 | 0.349 | 0.570 |  |  |  |  |  |
| NOV                       | 28         | 2.996         | 1.637                     | 2.955  | 7.28               | 73                | 0.54               | 52           | I                    | 1.34                                  | 73     | 0.685 | 0.327 | 0.645 |  |  |  |  |  |
| DEC                       | 29         | 3.811         | 1.898                     | 4.040  | 9.76               | 64                | 0.86               | 59           | I                    | 1.70                                  | 64     | 0.706 | 0.349 | 0.750 |  |  |  |  |  |

(con.)

Table 16 (Con.)

| P R E C I P I T A T I O N |            |               |                           |        |                    |                   |               |            |        | BY 10 (OR 11)-DAY AND MONTHLY PERIODS |        |       |       |       |  |
|---------------------------|------------|---------------|---------------------------|--------|--------------------|-------------------|---------------|------------|--------|---------------------------------------|--------|-------|-------|-------|--|
| STATION NUMBER            |            |               | 105708                    |        | MC CALL            |                   | YRS 1951-1980 |            |        |                                       |        |       |       |       |  |
| PERIOD<br>BEGINS          | NO.<br>YRS | MEAN<br>TOTAL | 10-DAY AND MONTHLY TOTALS |        |                    |                   |               |            | I<br>I | MAXIMUM DAILY TOTALS                  |        |       |       |       |  |
|                           |            |               | STD,<br>DEV               | MEDIAN | HIGHEST<br>TOT, YR | LOWEST<br>TOT, YR | EXTREME<br>YR | AVE<br>MAX |        | STD<br>DEV                            | MEDIAN |       |       |       |  |
| JAN 1                     | 30         | 1.208         | 0.990                     | 0.905  | 3.89               | 66                | 0.00          | 58         | I      | 1.41                                  | 53     | 0.542 | 0.379 | 0.525 |  |
| JAN 11                    | 30         | 1.652         | 1.162                     | 1.375  | 4.55               | 74                | 0.00          | 65         | I      | 1.90                                  | 56     | 0.616 | 0.428 | 0.525 |  |
| JAN 21                    | 30         | 1.425         | 1.295                     | 0.920  | 4.86               | 65                | 0.00          | 77         | I      | 1.51                                  | 61     | 0.573 | 0.418 | 0.415 |  |
| FEB 1                     | 30         | 0.922         | 0.728                     | 0.875  | 2.70               | 51                | 0.00          | 76         | I      | 1.02                                  | 62     | 0.421 | 0.291 | 0.440 |  |
| FEB 11                    | 30         | 1.156         | 0.996                     | 0.930  | 4.09               | 54                | 0.00          | 77         | I      | 1.29                                  | 79     | 0.480 | 0.357 | 0.395 |  |
| FEB 21                    | 30         | 0.757         | 0.692                     | 0.625  | 2.81               | 57                | 0.00          | 64         | I      | 1.50                                  | 57     | 0.429 | 0.336 | 0.370 |  |
| MAR 1                     | 30         | 0.930         | 0.827                     | 0.860  | 4.14               | 51                | 0.00          | 65         | I      | 1.53                                  | 51     | 0.455 | 0.372 | 0.385 |  |
| MAR 11                    | 30         | 0.832         | 0.554                     | 0.670  | 1.90               | 53                | 0.00          | 65         | I      | 0.83                                  | 64     | 0.400 | 0.197 | 0.400 |  |
| MAR 21                    | 30         | 0.916         | 0.590                     | 0.780  | 2.33               | 63                | 0.16          | 73         | I      | 1.31                                  | 63     | 0.457 | 0.271 | 0.370 |  |
| APR 1                     | 30         | 0.736         | 0.597                     | 0.635  | 2.32               | 63                | 0.00          | 59         | I      | 1.11                                  | 63     | 0.394 | 0.267 | 0.375 |  |
| APR 11                    | 30         | 0.665         | 0.611                     | 0.420  | 2.29               | 65                | 0.00          | 80         | I      | 0.90                                  | 72     | 0.347 | 0.265 | 0.310 |  |
| APR 21                    | 30         | 0.669         | 0.537                     | 0.575  | 1.82               | 67                | 0.00          | 77         | I      | 0.82                                  | 59     | 0.361 | 0.263 | 0.330 |  |
| MAY 1                     | 30         | 0.731         | 0.559                     | 0.690  | 1.81               | 63                | 0.00          | 76         | I      | 0.84                                  | 63     | 0.366 | 0.253 | 0.425 |  |
| MAY 11                    | 30         | 0.664         | 0.590                     | 0.605  | 2.90               | 57                | 0.00          | 79         | I      | 0.75                                  | 57     | 0.324 | 0.230 | 0.275 |  |
| MAY 21                    | 30         | 0.745         | 0.578                     | 0.705  | 1.82               | 62                | 0.00          | 69         | I      | 0.91                                  | 71     | 0.365 | 0.244 | 0.390 |  |
| JUN 1                     | 30         | 0.845         | 0.888                     | 0.535  | 3.36               | 53                | 0.00          | 79         | I      | 1.52                                  | 53     | 0.421 | 0.373 | 0.350 |  |
| JUN 11                    | 30         | 0.646         | 0.532                     | 0.515  | 2.17               | 64                | 0.00          | 59         | I      | 1.55                                  | 70     | 0.385 | 0.323 | 0.350 |  |
| JUN 21                    | 30         | 0.623         | 0.737                     | 0.380  | 2.93               | 71                | 0.00          | 61         | I      | 1.32                                  | 71     | 0.351 | 0.357 | 0.265 |  |
| JUL 1                     | 30         | 0.206         | 0.292                     | 0.105  | 1.22               | 78                | 0.00          | 76         | I      | 0.59                                  | 51     | 0.141 | 0.174 | 0.085 |  |
| JUL 11                    | 30         | 0.193         | 0.373                     | 0.040  | 1.74               | 76                | 0.00          | 79         | I      | 1.15                                  | 76     | 0.147 | 0.256 | 0.030 |  |
| JUL 21                    | 30         | 0.170         | 0.269                     | 0.030  | 1.17               | 77                | 0.00          | 80         | I      | 0.93                                  | 77     | 0.126 | 0.203 | 0.025 |  |
| AUG 1                     | 30         | 0.292         | 0.486                     | 0.030  | 2.03               | 76                | 0.00          | 79         | I      | 1.31                                  | 53     | 0.200 | 0.307 | 0.030 |  |
| AUG 11                    | 30         | 0.391         | 0.676                     | 0.030  | 2.93               | 68                | 0.00          | 77         | I      | 0.78                                  | 68     | 0.176 | 0.247 | 0.030 |  |
| AUG 21                    | 30         | 0.407         | 0.501                     | 0.125  | 1.92               | 77                | 0.00          | 74         | I      | 0.87                                  | 75     | 0.224 | 0.245 | 0.120 |  |
| SEP 1                     | 30         | 0.331         | 0.604                     | 0.080  | 2.84               | 70                | 0.00          | 79         | I      | 1.42                                  | 70     | 0.221 | 0.336 | 0.065 |  |
| SEP 11                    | 30         | 0.778         | 0.983                     | 0.545  | 4.85               | 59                | 0.00          | 79         | I      | 1.37                                  | 59     | 0.397 | 0.338 | 0.360 |  |
| SEP 21                    | 30         | 0.391         | 0.505                     | 0.235  | 1.77               | 67                | 0.00          | 78         | I      | 1.77                                  | 67     | 0.259 | 0.367 | 0.120 |  |
| OCT 1                     | 30         | 0.596         | 0.821                     | 0.240  | 2.86               | 51                | 0.00          | 80         | I      | 1.62                                  | 75     | 0.317 | 0.399 | 0.170 |  |
| OCT 11                    | 30         | 0.685         | 0.942                     | 0.420  | 4.40               | 62                | 0.00          | 78         | I      | 1.83                                  | 62     | 0.361 | 0.371 | 0.300 |  |
| OCT 21                    | 30         | 0.740         | 0.796                     | 0.550  | 3.32               | 56                | 0.00          | 65         | I      | 1.13                                  | 56     | 0.348 | 0.310 | 0.280 |  |
| NOV 1                     | 30         | 0.800         | 0.773                     | 0.605  | 3.36               | 73                | 0.00          | 56         | I      | 0.93                                  | 73     | 0.374 | 0.261 | 0.375 |  |
| NOV 11                    | 30         | 0.982         | 1.005                     | 0.635  | 4.13               | 73                | 0.00          | 59         | I      | 1.10                                  | 60     | 0.416 | 0.270 | 0.395 |  |
| NOV 21                    | 30         | 1.106         | 0.851                     | 0.880  | 2.66               | 77                | 0.00          | 76         | I      | 1.20                                  | 77     | 0.443 | 0.298 | 0.510 |  |
| DEC 1                     | 30         | 1.266         | 1.035                     | 1.030  | 3.68               | 80                | 0.00          | 60         | I      | 1.47                                  | 66     | 0.546 | 0.385 | 0.455 |  |
| DEC 11                    | 30         | 1.076         | 0.834                     | 0.925  | 4.14               | 77                | 0.00          | 76         | I      | 1.62                                  | 77     | 0.512 | 0.359 | 0.470 |  |
| DEC 21                    | 30         | 1.513         | 1.437                     | 1.155  | 7.07               | 64                | 0.00          | 62         | I      | 2.24                                  | 64     | 0.645 | 0.444 | 0.565 |  |
| MONTH                     |            |               |                           |        |                    |                   |               |            | I      |                                       |        |       |       |       |  |
| JAN                       | 30         | 4.285         | 1.965                     | 4.060  | 8.45               | 65                | 0.90          | 77         | I      | 1.90                                  | 56     | 0.960 | 0.372 | 0.955 |  |
| FEB                       | 30         | 2.835         | 1.246                     | 2.875  | 5.62               | 75                | 0.62          | 64         | I      | 1.50                                  | 57     | 0.760 | 0.318 | 0.690 |  |
| MAR                       | 30         | 2.678         | 1.155                     | 2.610  | 5.56               | 51                | 0.32          | 65         | I      | 1.53                                  | 51     | 0.660 | 0.343 | 0.535 |  |
| APR                       | 30         | 2.070         | 1.137                     | 2.055  | 4.19               | 78                | 0.27          | 52         | I      | 1.11                                  | 63     | 0.590 | 0.222 | 0.630 |  |
| MAY                       | 30         | 2.139         | 1.113                     | 1.890  | 4.82               | 57                | 0.44          | 58         | I      | 0.91                                  | 71     | 0.557 | 0.189 | 0.550 |  |
| JUN                       | 30         | 2.114         | 1.327                     | 1.820  | 5.57               | 64                | 0.29          | 60         | I      | 1.55                                  | 70     | 0.671 | 0.347 | 0.610 |  |
| JUL                       | 30         | 0.569         | 0.605                     | 0.305  | 2.43               | 76                | 0.00          | 69         | I      | 1.15                                  | 76     | 0.294 | 0.282 | 0.205 |  |
| AUG                       | 30         | 1.090         | 1.008                     | 0.890  | 3.30               | 75                | 0.00          | 70         | I      | 1.31                                  | 53     | 0.415 | 0.318 | 0.435 |  |
| SEP                       | 30         | 1.500         | 1.386                     | 1.170  | 6.43               | 59                | 0.00          | 53         | I      | 1.77                                  | 67     | 0.582 | 0.419 | 0.535 |  |
| OCT                       | 30         | 2.021         | 1.824                     | 1.420  | 6.47               | 51                | 0.05          | 78         | I      | 1.83                                  | 62     | 0.588 | 0.415 | 0.535 |  |
| NOV                       | 30         | 2.888         | 1.850                     | 2.650  | 9.25               | 73                | 0.36          | 76         | I      | 1.20                                  | 77     | 0.639 | 0.221 | 0.615 |  |
| DEC                       | 30         | 3.854         | 2.043                     | 3.730  | 8.75               | 64                | 0.81          | 76         | I      | 2.24                                  | 64     | 0.937 | 0.376 | 0.875 |  |

(con.)

Table 16 (Con.)

| P R E C I P I T A T I O N |            |               |                           |        |                    |                   |               |                      |            | BY 10 (OR 11)-DAY AND MONTHLY PERIODS |        |       |       |  |  |  |  |  |  |
|---------------------------|------------|---------------|---------------------------|--------|--------------------|-------------------|---------------|----------------------|------------|---------------------------------------|--------|-------|-------|--|--|--|--|--|--|
| STATION NUMBER            |            |               | 107706                    |        | RIGGINS            |                   | YRS 1951-1980 |                      |            |                                       |        |       |       |  |  |  |  |  |  |
| PERIOD<br>BEGINS          | NO.<br>YRS | MEAN<br>TOTAL | 10-DAY AND MONTHLY TOTALS |        |                    |                   |               | MAXIMUM DAILY TOTALS |            |                                       |        |       |       |  |  |  |  |  |  |
|                           |            |               | STD,<br>DEV               | MEDIAN | HIGHEST<br>TOT, YR | LOWEST<br>TOT, YR | I<br>I        | EXTREME<br>YR        | AVE<br>MAX | STD<br>DEV                            | MEDIAN |       |       |  |  |  |  |  |  |
| JAN 1                     | 28         | 0.460         | 0.462                     | 0.310  | 2.03               | 76                | 0.00          | 79                   | I 0.67     | 62                                    | 0.246  | 0.199 | 0.195 |  |  |  |  |  |  |
| JAN 11                    | 27         | 0.595         | 0.376                     | 0.470  | 1.34               | 74                | 0.00          | 61                   | I 0.63     | 73                                    | 0.292  | 0.172 | 0.250 |  |  |  |  |  |  |
| JAN 21                    | 28         | 0.453         | 0.681                     | 0.220  | 3.41               | 65                | 0.00          | 77                   | I 1.58     | 65                                    | 0.262  | 0.343 | 0.125 |  |  |  |  |  |  |
| FEB 1                     | 29         | 0.273         | 0.285                     | 0.140  | 0.85               | 52                | 0.00          | 77                   | I 0.73     | 52                                    | 0.153  | 0.172 | 0.100 |  |  |  |  |  |  |
| FEB 11                    | 29         | 0.486         | 0.427                     | 0.380  | 2.15               | 59                | 0.00          | 77                   | I 0.65     | 59                                    | 0.253  | 0.170 | 0.230 |  |  |  |  |  |  |
| FEB 21                    | 28         | 0.402         | 0.373                     | 0.270  | 1.74               | 56                | 0.00          | 67                   | I 1.25     | 56                                    | 0.241  | 0.247 | 0.190 |  |  |  |  |  |  |
| MAR 1                     | 29         | 0.422         | 0.363                     | 0.310  | 1.28               | 70                | 0.00          | 65                   | I 0.60     | 74                                    | 0.222  | 0.178 | 0.180 |  |  |  |  |  |  |
| MAR 11                    | 29         | 0.584         | 0.423                     | 0.480  | 1.78               | 66                | 0.09          | 56                   | I 1.01     | 66                                    | 0.355  | 0.207 | 0.310 |  |  |  |  |  |  |
| MAR 21                    | 29         | 0.575         | 0.318                     | 0.520  | 1.15               | 59                | 0.00          | 54                   | I 0.57     | 74                                    | 0.297  | 0.141 | 0.300 |  |  |  |  |  |  |
| APR 1                     | 28         | 0.679         | 0.467                     | 0.655  | 2.15               | 78                | 0.00          | 60                   | I 1.00     | 78                                    | 0.347  | 0.229 | 0.350 |  |  |  |  |  |  |
| APR 11                    | 28         | 0.569         | 0.449                     | 0.410  | 1.58               | 60                | 0.00          | 51                   | I 0.74     | 54                                    | 0.286  | 0.195 | 0.305 |  |  |  |  |  |  |
| APR 21                    | 28         | 0.553         | 0.402                     | 0.555  | 1.17               | 78                | 0.00          | 77                   | I 0.90     | 74                                    | 0.309  | 0.233 | 0.250 |  |  |  |  |  |  |
| MAY 1                     | 30         | 0.695         | 0.526                     | 0.555  | 1.78               | 52                | 0.00          | 58                   | I 1.00     | 52                                    | 0.360  | 0.274 | 0.270 |  |  |  |  |  |  |
| MAY 11                    | 30         | 0.623         | 0.595                     | 0.500  | 2.76               | 57                | 0.00          | 79                   | I 0.85     | 69                                    | 0.319  | 0.261 | 0.260 |  |  |  |  |  |  |
| MAY 21                    | 30         | 0.686         | 0.497                     | 0.625  | 1.86               | 54                | 0.00          | 58                   | I 1.04     | 60                                    | 0.382  | 0.262 | 0.375 |  |  |  |  |  |  |
| JUN 1                     | 30         | 0.772         | 0.625                     | 0.695  | 2.26               | 64                | 0.00          | 79                   | I 1.23     | 54                                    | 0.436  | 0.315 | 0.450 |  |  |  |  |  |  |
| JUN 11                    | 30         | 0.569         | 0.508                     | 0.320  | 1.79               | 65                | 0.00          | 59                   | I 1.00     | 56                                    | 0.312  | 0.227 | 0.290 |  |  |  |  |  |  |
| JUN 21                    | 30         | 0.504         | 0.510                     | 0.370  | 1.83               | 52                | 0.00          | 77                   | I 1.10     | 58                                    | 0.295  | 0.318 | 0.200 |  |  |  |  |  |  |
| JUL 1                     | 30         | 0.298         | 0.595                     | 0.095  | 3.02               | 78                | 0.00          | 76                   | I 2.49     | 78                                    | 0.222  | 0.459 | 0.095 |  |  |  |  |  |  |
| JUL 11                    | 30         | 0.256         | 0.338                     | 0.085  | 1.02               | 76                | 0.00          | 79                   | I 0.75     | 74                                    | 0.176  | 0.208 | 0.065 |  |  |  |  |  |  |
| JUL 21                    | 30         | 0.179         | 0.243                     | 0.050  | 1.03               | 77                | 0.00          | 74                   | I 0.43     | 77                                    | 0.122  | 0.136 | 0.050 |  |  |  |  |  |  |
| AUG 1                     | 30         | 0.210         | 0.335                     | 0.025  | 1.24               | 60                | 0.00          | 80                   | I 1.24     | 60                                    | 0.149  | 0.256 | 0.020 |  |  |  |  |  |  |
| AUG 11                    | 30         | 0.284         | 0.487                     | 0.065  | 2.16               | 78                | 0.00          | 77                   | I 1.25     | 78                                    | 0.169  | 0.281 | 0.055 |  |  |  |  |  |  |
| AUG 21                    | 30         | 0.460         | 0.530                     | 0.250  | 2.02               | 75                | 0.00          | 74                   | I 1.00     | 56                                    | 0.246  | 0.280 | 0.190 |  |  |  |  |  |  |
| SEP 1                     | 30         | 0.227         | 0.351                     | 0.145  | 1.71               | 70                | 0.00          | 77                   | I 0.94     | 70                                    | 0.164  | 0.212 | 0.110 |  |  |  |  |  |  |
| SEP 11                    | 30         | 0.544         | 0.586                     | 0.430  | 1.99               | 59                | 0.00          | 79                   | I 0.96     | 55                                    | 0.302  | 0.283 | 0.225 |  |  |  |  |  |  |
| SEP 21                    | 30         | 0.318         | 0.477                     | 0.135  | 1.98               | 59                | 0.00          | 78                   | I 1.00     | 59                                    | 0.208  | 0.255 | 0.095 |  |  |  |  |  |  |
| OCT 1                     | 28         | 0.434         | 0.538                     | 0.230  | 2.10               | 62                | 0.00          | 80                   | I 1.18     | 75                                    | 0.292  | 0.334 | 0.190 |  |  |  |  |  |  |
| OCT 11                    | 28         | 0.507         | 0.660                     | 0.280  | 2.71               | 62                | 0.00          | 77                   | I 1.60     | 68                                    | 0.314  | 0.390 | 0.210 |  |  |  |  |  |  |
| OCT 21                    | 28         | 0.454         | 0.372                     | 0.400  | 1.20               | 51                | 0.00          | 65                   | I 0.73     | 77                                    | 0.311  | 0.236 | 0.325 |  |  |  |  |  |  |
| NOV 1                     | 28         | 0.371         | 0.383                     | 0.315  | 1.93               | 73                | 0.00          | 72                   | I 0.72     | 60                                    | 0.227  | 0.201 | 0.185 |  |  |  |  |  |  |
| NOV 11                    | 27         | 0.500         | 0.433                     | 0.420  | 1.80               | 73                | 0.00          | 80                   | I 0.90     | 72                                    | 0.276  | 0.214 | 0.230 |  |  |  |  |  |  |
| NOV 21                    | 28         | 0.475         | 0.515                     | 0.375  | 2.23               | 62                | 0.00          | 69                   | I 0.98     | 62                                    | 0.240  | 0.247 | 0.210 |  |  |  |  |  |  |
| DEC 1                     | 27         | 0.584         | 0.540                     | 0.400  | 1.59               | 66                | 0.00          | 65                   | I 1.20     | 75                                    | 0.345  | 0.331 | 0.240 |  |  |  |  |  |  |
| DEC 11                    | 27         | 0.447         | 0.382                     | 0.380  | 1.51               | 58                | 0.00          | 80                   | I 1.15     | 58                                    | 0.257  | 0.247 | 0.220 |  |  |  |  |  |  |
| DEC 21                    | 27         | 0.600         | 0.582                     | 0.490  | 2.45               | 64                | 0.00          | 62                   | I 1.60     | 69                                    | 0.337  | 0.351 | 0.270 |  |  |  |  |  |  |
| MONTH                     |            |               |                           |        |                    |                   |               |                      | I          |                                       |        |       |       |  |  |  |  |  |  |
| JAN                       | 27         | 1.467         | 0.931                     | 1.200  | 4.63               | 65                | 0.41          | 79                   | I 1.58     | 65                                    | 0.454  | 0.297 | 0.350 |  |  |  |  |  |  |
| FEB                       | 28         | 1.154         | 0.578                     | 1.075  | 2.29               | 59                | 0.23          | 77                   | I 1.25     | 56                                    | 0.399  | 0.227 | 0.350 |  |  |  |  |  |  |
| MAR                       | 29         | 1.581         | 0.663                     | 1.580  | 2.91               | 74                | 0.48          | 69                   | I 1.01     | 66                                    | 0.448  | 0.176 | 0.430 |  |  |  |  |  |  |
| APR                       | 28         | 1.800         | 0.931                     | 1.900  | 4.15               | 78                | 0.30          | 51                   | I 1.00     | 78                                    | 0.486  | 0.197 | 0.450 |  |  |  |  |  |  |
| MAY                       | 30         | 2.004         | 0.914                     | 1.945  | 4.22               | 57                | 0.25          | 66                   | I 1.04     | 60                                    | 0.567  | 0.243 | 0.525 |  |  |  |  |  |  |
| JUN                       | 30         | 1.846         | 0.932                     | 1.495  | 4.13               | 64                | 0.37          | 60                   | I 1.23     | 54                                    | 0.635  | 0.252 | 0.565 |  |  |  |  |  |  |
| JUL                       | 30         | 0.734         | 0.725                     | 0.445  | 3.28               | 78                | 0.02          | 69                   | I 2.49     | 78                                    | 0.376  | 0.440 | 0.310 |  |  |  |  |  |  |
| AUG                       | 30         | 0.954         | 0.780                     | 0.705  | 2.39               | 65                | 0.00          | 70                   | I 1.25     | 78                                    | 0.405  | 0.348 | 0.335 |  |  |  |  |  |  |
| SEP                       | 30         | 1.088         | 0.970                     | 0.955  | 4.18               | 59                | 0.03          | 74                   | I 1.00     | 59                                    | 0.428  | 0.289 | 0.435 |  |  |  |  |  |  |
| OCT                       | 28         | 1.395         | 1.059                     | 1.080  | 4.81               | 62                | 0.15          | 74                   | I 1.60     | 68                                    | 0.564  | 0.343 | 0.505 |  |  |  |  |  |  |
| NOV                       | 27         | 1.377         | 0.860                     | 1.270  | 4.24               | 73                | 0.45          | 74                   | I 0.98     | 62                                    | 0.421  | 0.236 | 0.350 |  |  |  |  |  |  |
| DEC                       | 26         | 1.623         | 0.860                     | 1.700  | 3.45               | 64                | 0.20          | 76                   | I 1.60     | 69                                    | 0.599  | 0.372 | 0.485 |  |  |  |  |  |  |

(con.)

Table 16 (Con.)

| P R E C I P I T A T I O N                               |            |               |                           |        |      |                    |                   |        |                      |            |            |        |  |
|---------------------------------------------------------|------------|---------------|---------------------------|--------|------|--------------------|-------------------|--------|----------------------|------------|------------|--------|--|
| BY 10 (OR 11)-DAY AND MONTHLY PERIODS                   |            |               |                           |        |      |                    |                   |        |                      |            |            |        |  |
| STATION NUMBER 108076 SALMON - SALMON 1 N YRS 1951-1980 |            |               |                           |        |      |                    |                   |        |                      |            |            |        |  |
| PERIOD<br>BEGINS                                        | NO.<br>YRS | MEAN<br>TOTAL | 10-DAY AND MONTHLY TOTALS |        |      | HIGHEST<br>TOT, YR | LOWEST<br>TOT, YR | I<br>I | MAXIMUM DAILY TOTALS |            |            |        |  |
|                                                         |            |               | STD,<br>DEV               | MEDIAN |      |                    |                   |        | EXTREME<br>YR        | AVE<br>MAX | STD<br>DEV | MEDIAN |  |
| JAN 1                                                   | 30         | 0.203         | 0.210                     | 0.155  | 0.93 | 76                 | 0.00              | 70     | I 0.44 76            | 0.105      | 0.102      | 0.070  |  |
| JAN 11                                                  | 30         | 0.287         | 0.295                     | 0.190  | 1.38 | 56                 | 0.00              | 61     | I 0.76 56            | 0.172      | 0.169      | 0.110  |  |
| JAN 21                                                  | 30         | 0.261         | 0.262                     | 0.160  | 0.93 | 65                 | 0.00              | 71     | I 0.55 67            | 0.134      | 0.122      | 0.090  |  |
| FEB 1                                                   | 30         | 0.219         | 0.276                     | 0.120  | 1.23 | 51                 | 0.00              | 77     | I 0.63 60            | 0.141      | 0.166      | 0.090  |  |
| FEB 11                                                  | 30         | 0.207         | 0.155                     | 0.215  | 0.60 | 62                 | 0.00              | 77     | I 0.36 52            | 0.119      | 0.093      | 0.100  |  |
| FEB 21                                                  | 30         | 0.127         | 0.117                     | 0.085  | 0.42 | 78                 | 0.00              | 70     | I 0.20 79            | 0.079      | 0.064      | 0.065  |  |
| MAR 1                                                   | 30         | 0.213         | 0.231                     | 0.145  | 0.94 | 74                 | 0.00              | 69     | I 0.38 72            | 0.106      | 0.106      | 0.075  |  |
| MAR 11                                                  | 30         | 0.169         | 0.150                     | 0.165  | 0.61 | 57                 | 0.00              | 66     | I 0.55 57            | 0.117      | 0.118      | 0.085  |  |
| MAR 21                                                  | 30         | 0.158         | 0.139                     | 0.125  | 0.52 | 52                 | 0.00              | 69     | I 0.39 65            | 0.098      | 0.089      | 0.080  |  |
| APR 1                                                   | 30         | 0.245         | 0.308                     | 0.105  | 1.27 | 67                 | 0.00              | 66     | I 0.84 67            | 0.165      | 0.205      | 0.080  |  |
| APR 11                                                  | 30         | 0.197         | 0.196                     | 0.140  | 0.76 | 67                 | 0.00              | 80     | I 0.50 58            | 0.127      | 0.129      | 0.075  |  |
| APR 21                                                  | 30         | 0.377         | 0.450                     | 0.280  | 2.22 | 71                 | 0.00              | 69     | I 1.50 71            | 0.229      | 0.296      | 0.125  |  |
| MAY 1                                                   | 30         | 0.398         | 0.385                     | 0.360  | 1.59 | 80                 | 0.00              | 69     | I 0.73 80            | 0.210      | 0.191      | 0.170  |  |
| MAY 11                                                  | 30         | 0.401         | 0.372                     | 0.265  | 1.20 | 55                 | 0.00              | 71     | I 0.61 55            | 0.217      | 0.186      | 0.175  |  |
| MAY 21                                                  | 30         | 0.542         | 0.443                     | 0.405  | 1.61 | 80                 | 0.04              | 75     | I 0.57 53            | 0.246      | 0.161      | 0.220  |  |
| JUN 1                                                   | 28         | 0.645         | 0.654                     | 0.530  | 2.64 | 64                 | 0.00              | 79     | I 1.10 53            | 0.348      | 0.320      | 0.245  |  |
| JUN 11                                                  | 29         | 0.532         | 0.383                     | 0.530  | 1.35 | 64                 | 0.00              | 52     | I 1.01 79            | 0.290      | 0.225      | 0.250  |  |
| JUN 21                                                  | 29         | 0.532         | 0.565                     | 0.330  | 1.81 | 52                 | 0.00              | 77     | I 0.95 63            | 0.302      | 0.313      | 0.180  |  |
| JUL 1                                                   | 30         | 0.281         | 0.331                     | 0.150  | 1.48 | 69                 | 0.00              | 79     | I 0.78 69            | 0.161      | 0.184      | 0.080  |  |
| JUL 11                                                  | 30         | 0.201         | 0.258                     | 0.075  | 1.00 | 76                 | 0.00              | 80     | I 0.68 76            | 0.129      | 0.175      | 0.060  |  |
| JUL 21                                                  | 30         | 0.246         | 0.364                     | 0.125  | 1.59 | 77                 | 0.00              | 68     | I 0.81 77            | 0.164      | 0.194      | 0.120  |  |
| AUG 1                                                   | 30         | 0.212         | 0.217                     | 0.160  | 0.74 | 77                 | 0.00              | 80     | I 0.70 60            | 0.141      | 0.158      | 0.115  |  |
| AUG 11                                                  | 30         | 0.291         | 0.385                     | 0.150  | 1.84 | 68                 | 0.00              | 77     | I 0.72 65            | 0.168      | 0.170      | 0.120  |  |
| AUG 21                                                  | 30         | 0.275         | 0.272                     | 0.180  | 0.88 | 75                 | 0.00              | 74     | I 0.72 60            | 0.186      | 0.192      | 0.135  |  |
| SEP 1                                                   | 30         | 0.182         | 0.262                     | 0.020  | 0.94 | 70                 | 0.00              | 79     | I 0.80 70            | 0.113      | 0.186      | 0.020  |  |
| SEP 11                                                  | 30         | 0.359         | 0.435                     | 0.235  | 1.81 | 66                 | 0.00              | 79     | I 1.19 66            | 0.211      | 0.258      | 0.125  |  |
| SEP 21                                                  | 30         | 0.124         | 0.179                     | 0.045  | 0.73 | 59                 | 0.00              | 79     | I 0.46 67            | 0.073      | 0.111      | 0.035  |  |
| OCT 1                                                   | 29         | 0.193         | 0.347                     | 0.060  | 1.56 | 67                 | 0.00              | 80     | I 0.73 67            | 0.121      | 0.194      | 0.050  |  |
| OCT 11                                                  | 30         | 0.190         | 0.204                     | 0.120  | 0.65 | 72                 | 0.00              | 77     | I 0.54 75            | 0.124      | 0.134      | 0.070  |  |
| OCT 21                                                  | 30         | 0.196         | 0.211                     | 0.135  | 0.68 | 74                 | 0.00              | 78     | I 0.50 74            | 0.112      | 0.127      | 0.080  |  |
| NOV 1                                                   | 30         | 0.270         | 0.316                     | 0.180  | 1.18 | 68                 | 0.00              | 65     | I 1.02 70            | 0.173      | 0.245      | 0.090  |  |
| NOV 11                                                  | 30         | 0.187         | 0.172                     | 0.130  | 0.68 | 62                 | 0.00              | 76     | I 0.40 62            | 0.099      | 0.089      | 0.080  |  |
| NOV 21                                                  | 30         | 0.241         | 0.298                     | 0.120  | 1.10 | 70                 | 0.00              | 60     | I 0.42 71            | 0.117      | 0.124      | 0.065  |  |
| DEC 1                                                   | 30         | 0.226         | 0.265                     | 0.110  | 1.01 | 75                 | 0.00              | 68     | I 0.72 75            | 0.122      | 0.162      | 0.060  |  |
| DEC 11                                                  | 30         | 0.271         | 0.375                     | 0.130  | 1.80 | 77                 | 0.00              | 80     | I 1.05 77            | 0.157      | 0.216      | 0.085  |  |
| DEC 21                                                  | 30         | 0.309         | 0.323                     | 0.195  | 1.31 | 64                 | 0.01              | 63     | I 0.90 55            | 0.162      | 0.179      | 0.115  |  |
| MONTH                                                   |            |               |                           |        |      |                    |                   |        | I                    |            |            |        |  |
| JAN                                                     | 30         | 0.751         | 0.415                     | 0.650  | 1.72 | 56                 | 0.17              | 61     | I 0.76 56            | 0.260      | 0.150      | 0.210  |  |
| FEB                                                     | 30         | 0.553         | 0.340                     | 0.545  | 1.32 | 51                 | 0.00              | 70     | I 0.63 60            | 0.205      | 0.145      | 0.180  |  |
| MAR                                                     | 30         | 0.540         | 0.384                     | 0.440  | 1.41 | 74                 | 0.00              | 68     | I 0.55 57            | 0.188      | 0.120      | 0.170  |  |
| APR                                                     | 30         | 0.819         | 0.635                     | 0.715  | 2.57 | 67                 | 0.10              | 74     | I 1.50 71            | 0.347      | 0.299      | 0.275  |  |
| MAY                                                     | 30         | 1.341         | 0.723                     | 1.185  | 3.65 | 80                 | 0.45              | 73     | I 0.73 80            | 0.387      | 0.159      | 0.370  |  |
| JUN                                                     | 28         | 1.704         | 0.924                     | 1.775  | 4.32 | 64                 | 0.15              | 60     | I 1.10 53            | 0.577      | 0.285      | 0.585  |  |
| JUL                                                     | 30         | 0.728         | 0.640                     | 0.605  | 2.50 | 77                 | 0.01              | 68     | I 0.81 77            | 0.302      | 0.234      | 0.255  |  |
| AUG                                                     | 30         | 0.777         | 0.543                     | 0.740  | 2.13 | 68                 | 0.06              | 55     | I 0.72 65            | 0.291      | 0.184      | 0.245  |  |
| SEP                                                     | 30         | 0.665         | 0.585                     | 0.510  | 1.84 | 66                 | 0.00              | 79     | I 1.19 66            | 0.270      | 0.272      | 0.190  |  |
| OCT                                                     | 29         | 0.587         | 0.573                     | 0.390  | 2.40 | 67                 | 0.00              | 52     | I 0.73 67            | 0.220      | 0.191      | 0.180  |  |
| NOV                                                     | 30         | 0.697         | 0.529                     | 0.590  | 2.48 | 70                 | 0.08              | 52     | I 1.02 70            | 0.251      | 0.223      | 0.180  |  |
| DEC                                                     | 30         | 0.806         | 0.626                     | 0.640  | 2.74 | 77                 | 0.06              | 76     | I 1.05 77            | 0.291      | 0.243      | 0.220  |  |

(con.)

Table 16 (Con.)

| P R E C I P I T A T I O N |            |               |                           |        |                    |                   |               |                    |                      | BY 10 (OR 11)-DAY AND MONTHLY PERIODS |    |       |       |       |
|---------------------------|------------|---------------|---------------------------|--------|--------------------|-------------------|---------------|--------------------|----------------------|---------------------------------------|----|-------|-------|-------|
| STATION NUMBER            |            |               | 109560                    | WARREN |                    |                   | YRS 1960-1981 |                    |                      |                                       |    |       |       |       |
| PERIOD<br>BEGINS          | NO.<br>YRS | MEAN<br>TOTAL | 10-DAY AND MONTHLY TOTALS |        |                    |                   |               | I<br>EXTREME<br>YR | MAXIMUM DAILY TOTALS |                                       |    |       |       |       |
|                           |            |               | STD.<br>DEV               | MEDIAN | HIGHEST<br>TOT, YR | LOWEST<br>TOT, YR | AVE<br>MAX    |                    | STD<br>DEV           | MEDIAN                                |    |       |       |       |
| JAN 1                     | 22         | 1.214         | 0.899                     | 1.360  | 3.16               | 66                | 0.00          | 81                 | I                    | 1.12                                  | 65 | 0.555 | 0.362 | 0.575 |
| JAN 11                    | 22         | 1.243         | 1.295                     | 0.805  | 5.57               | 74                | 0.00          | 81                 | I                    | 2.21                                  | 74 | 0.553 | 0.531 | 0.370 |
| JAN 21                    | 22         | 1.163         | 1.362                     | 0.795  | 6.17               | 65                | 0.00          | 80                 | I                    | 1.71                                  | 65 | 0.446 | 0.394 | 0.425 |
| FEB 1                     | 22         | 0.805         | 0.600                     | 0.820  | 2.15               | 75                | 0.00          | 81                 | I                    | 1.15                                  | 71 | 0.434 | 0.359 | 0.285 |
| FEB 11                    | 22         | 0.944         | 0.623                     | 0.765  | 2.68               | 72                | 0.00          | 77                 | I                    | 1.85                                  | 72 | 0.500 | 0.373 | 0.410 |
| FEB 21                    | 22         | 0.569         | 0.525                     | 0.375  | 1.90               | 72                | 0.00          | 81                 | I                    | 0.78                                  | 76 | 0.315 | 0.231 | 0.295 |
| MAR 1                     | 22         | 0.913         | 0.951                     | 0.790  | 3.55               | 74                | 0.00          | 79                 | I                    | 1.85                                  | 67 | 0.440 | 0.423 | 0.315 |
| MAR 11                    | 22         | 1.014         | 0.654                     | 0.880  | 2.80               | 80                | 0.18          | 62                 | I                    | 1.05                                  | 71 | 0.535 | 0.262 | 0.515 |
| MAR 21                    | 22         | 0.962         | 0.503                     | 0.930  | 1.89               | 63                | 0.07          | 68                 | I                    | 1.04                                  | 80 | 0.478 | 0.226 | 0.480 |
| APR 1                     | 22         | 0.810         | 0.437                     | 0.730  | 1.85               | 80                | 0.20          | 73                 | I                    | 0.68                                  | 68 | 0.386 | 0.147 | 0.395 |
| APR 11                    | 22         | 0.786         | 0.606                     | 0.615  | 1.82               | 67                | 0.00          | 80                 | I                    | 1.18                                  | 65 | 0.394 | 0.283 | 0.330 |
| APR 21                    | 22         | 0.729         | 0.428                     | 0.785  | 1.63               | 71                | 0.00          | 79                 | I                    | 1.19                                  | 71 | 0.438 | 0.283 | 0.360 |
| MAY 1                     | 22         | 0.869         | 0.677                     | 0.875  | 2.29               | 60                | 0.00          | 74                 | I                    | 0.96                                  | 61 | 0.382 | 0.277 | 0.355 |
| MAY 11                    | 22         | 0.776         | 0.523                     | 0.795  | 1.60               | 69                | 0.00          | 79                 | I                    | 0.78                                  | 76 | 0.330 | 0.215 | 0.350 |
| MAY 21                    | 22         | 1.032         | 0.609                     | 1.025  | 2.16               | 81                | 0.00          | 75                 | I                    | 1.29                                  | 62 | 0.555 | 0.326 | 0.520 |
| JUN 1                     | 22         | 0.995         | 0.726                     | 1.020  | 2.76               | 64                | 0.00          | 79                 | I                    | 2.30                                  | 81 | 0.533 | 0.498 | 0.460 |
| JUN 11                    | 22         | 0.936         | 0.745                     | 0.680  | 2.52               | 73                | 0.14          | 72                 | I                    | 1.38                                  | 73 | 0.464 | 0.326 | 0.400 |
| JUN 21                    | 22         | 0.748         | 0.926                     | 0.455  | 3.43               | 63                | 0.00          | 81                 | I                    | 1.14                                  | 63 | 0.362 | 0.363 | 0.300 |
| JUL 1                     | 22         | 0.426         | 0.607                     | 0.145  | 2.32               | 78                | 0.00          | 76                 | I                    | 0.92                                  | 80 | 0.256 | 0.315 | 0.130 |
| JUL 11                    | 22         | 0.302         | 0.413                     | 0.140  | 1.74               | 76                | 0.00          | 81                 | I                    | 0.97                                  | 76 | 0.226 | 0.283 | 0.130 |
| JUL 21                    | 22         | 0.350         | 0.504                     | 0.145  | 1.77               | 79                | 0.00          | 81                 | I                    | 1.18                                  | 79 | 0.228 | 0.313 | 0.105 |
| AUG 1                     | 22         | 0.307         | 0.403                     | 0.200  | 1.81               | 65                | 0.00          | 81                 | I                    | 1.29                                  | 65 | 0.232 | 0.285 | 0.185 |
| AUG 11                    | 22         | 0.632         | 0.788                     | 0.380  | 2.86               | 74                | 0.00          | 77                 | I                    | 1.32                                  | 74 | 0.310 | 0.335 | 0.235 |
| AUG 21                    | 22         | 0.436         | 0.524                     | 0.175  | 1.73               | 77                | 0.00          | 81                 | I                    | 0.66                                  | 64 | 0.193 | 0.194 | 0.140 |
| SEP 1                     | 22         | 0.448         | 0.769                     | 0.125  | 3.41               | 70                | 0.00          | 81                 | I                    | 1.21                                  | 70 | 0.268 | 0.345 | 0.115 |
| SEP 11                    | 22         | 0.846         | 0.652                     | 0.905  | 2.51               | 80                | 0.00          | 81                 | I                    | 0.82                                  | 70 | 0.377 | 0.234 | 0.390 |
| SEP 21                    | 22         | 0.481         | 0.506                     | 0.340  | 1.82               | 77                | 0.00          | 75                 | I                    | 0.92                                  | 81 | 0.303 | 0.315 | 0.165 |
| OCT 1                     | 22         | 0.710         | 0.793                     | 0.520  | 2.55               | 67                | 0.00          | 80                 | I                    | 1.32                                  | 67 | 0.364 | 0.362 | 0.230 |
| OCT 11                    | 22         | 0.768         | 0.999                     | 0.420  | 4.50               | 62                | 0.00          | 78                 | I                    | 2.45                                  | 62 | 0.489 | 0.555 | 0.360 |
| OCT 21                    | 22         | 0.747         | 0.615                     | 0.655  | 2.50               | 61                | 0.00          | 65                 | I                    | 0.98                                  | 61 | 0.382 | 0.255 | 0.405 |
| NOV 1                     | 22         | 0.726         | 0.700                     | 0.545  | 2.70               | 73                | 0.00          | 81                 | I                    | 2.16                                  | 80 | 0.456 | 0.462 | 0.380 |
| NOV 11                    | 22         | 1.000         | 0.943                     | 0.730  | 3.61               | 81                | 0.00          | 80                 | I                    | 0.98                                  | 62 | 0.428 | 0.298 | 0.365 |
| NOV 21                    | 22         | 1.108         | 0.697                     | 1.035  | 2.77               | 81                | 0.00          | 69                 | I                    | 0.91                                  | 67 | 0.430 | 0.235 | 0.380 |
| DEC 1                     | 22         | 1.049         | 0.898                     | 0.740  | 2.62               | 70                | 0.08          | 79                 | I                    | 1.31                                  | 77 | 0.489 | 0.393 | 0.340 |
| DEC 11                    | 22         | 0.912         | 0.695                     | 0.735  | 2.86               | 77                | 0.00          | 76                 | I                    | 1.55                                  | 74 | 0.476 | 0.377 | 0.330 |
| DEC 21                    | 22         | 1.300         | 1.207                     | 1.120  | 5.67               | 64                | 0.19          | 63                 | I                    | 1.74                                  | 71 | 0.579 | 0.418 | 0.510 |
| MONTH                     |            |               |                           |        |                    |                   |               |                    | I                    |                                       |    |       |       |       |
| JAN                       | 22         | 3.619         | 2.277                     | 3.060  | 8.68               | 65                | 0.73          | 79                 | I                    | 2.21                                  | 74 | 0.859 | 0.493 | 0.820 |
| FEB                       | 22         | 2.317         | 1.056                     | 1.920  | 4.86               | 72                | 0.66          | 73                 | I                    | 1.85                                  | 72 | 0.700 | 0.370 | 0.635 |
| MAR                       | 22         | 2.888         | 1.569                     | 2.785  | 6.12               | 67                | 0.60          | 65                 | I                    | 1.85                                  | 67 | 0.704 | 0.362 | 0.610 |
| APR                       | 22         | 2.325         | 0.873                     | 2.385  | 3.85               | 67                | 0.43          | 77                 | I                    | 1.19                                  | 71 | 0.594 | 0.253 | 0.550 |
| MAY                       | 22         | 2.677         | 1.203                     | 2.595  | 5.23               | 60                | 0.69          | 67                 | I                    | 1.29                                  | 62 | 0.670 | 0.267 | 0.665 |
| JUN                       | 22         | 2.679         | 1.384                     | 2.410  | 6.16               | 63                | 0.51          | 60                 | I                    | 2.30                                  | 81 | 0.798 | 0.455 | 0.645 |
| JUL                       | 22         | 1.078         | 0.843                     | 1.015  | 2.77               | 76                | 0.00          | 69                 | I                    | 1.18                                  | 79 | 0.499 | 0.338 | 0.385 |
| AUG                       | 22         | 1.375         | 1.165                     | 1.030  | 3.77               | 65                | 0.00          | 70                 | I                    | 1.32                                  | 74 | 0.432 | 0.350 | 0.400 |
| SEP                       | 22         | 1.775         | 0.997                     | 1.695  | 4.49               | 70                | 0.12          | 79                 | I                    | 1.21                                  | 70 | 0.599 | 0.277 | 0.610 |
| OCT                       | 22         | 2.225         | 1.463                     | 1.990  | 6.36               | 62                | 0.16          | 78                 | I                    | 2.45                                  | 62 | 0.750 | 0.496 | 0.545 |
| NOV                       | 22         | 2.835         | 1.453                     | 2.390  | 6.46               | 73                | 1.07          | 76                 | I                    | 2.16                                  | 80 | 0.712 | 0.382 | 0.625 |
| DEC                       | 22         | 3.260         | 1.691                     | 2.905  | 7.71               | 64                | 1.10          | 79                 | I                    | 1.74                                  | 71 | 0.855 | 0.391 | 0.730 |

Table 17—Observed frequencies of daily precipitation amounts, at stations as in table 16

| PRECIPITATION - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES) |                       |        |               |      |      |      |      |      |      |      |      |      |           |  |
|-------------------------------------------------------------|-----------------------|--------|---------------|------|------|------|------|------|------|------|------|------|-----------|--|
| - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED     |                       |        |               |      |      |      |      |      |      |      |      |      |           |  |
| STATION NUMBER                                              |                       | 100835 | BIG CREEK 1 S |      |      |      |      |      |      |      |      |      | 1949-1967 |  |
| PERIOD<br>BEGINS                                            | TOTAL<br>NUM.<br>DAYS | 0.01   | 0.05          | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.80 | 1.00 | 1.50 | 2.00      |  |
| JAN 1                                                       | 160                   | 463    | 363           | 269  | 156  | 106  | 88   | 56   | 44   | 19   | 19   |      |           |  |
| JAN 11                                                      | 162                   | 512    | 444           | 358  | 241  | 167  | 123  | 86   | 80   | 31   | 12   |      |           |  |
| JAN 21                                                      | 187                   | 471    | 385           | 310  | 198  | 144  | 112  | 91   | 80   | 32   | 11   | 11   | 5         |  |
| FEB 1                                                       | 178                   | 410    | 348           | 287  | 180  | 118  | 79   | 56   | 39   | 34   | 22   | 11   | 6         |  |
| FEB 11                                                      | 170                   | 482    | 406           | 288  | 176  | 124  | 76   | 41   | 24   | 6    | 6    |      |           |  |
| FEB 21                                                      | 145                   | 421    | 352           | 276  | 159  | 110  | 69   | 34   | 21   | 7    |      |      |           |  |
| MAR 1                                                       | 180                   | 406    | 383           | 328  | 178  | 122  | 67   | 39   | 22   | 11   |      |      |           |  |
| MAR 11                                                      | 180                   | 406    | 372           | 256  | 128  | 78   | 61   | 33   | 6    | 6    | 6    |      |           |  |
| MAR 21                                                      | 198                   | 409    | 384           | 323  | 187  | 91   | 66   | 40   | 25   | 15   | 10   |      |           |  |
| APR 1                                                       | 180                   | 383    | 300           | 250  | 133  | 56   | 22   | 22   | 22   | 22   | 11   |      |           |  |
| APR 11                                                      | 180                   | 383    | 350           | 283  | 222  | 128  | 78   | 56   | 39   | 22   | 17   |      |           |  |
| APR 21                                                      | 180                   | 372    | 294           | 228  | 122  | 72   | 67   | 33   | 17   | 6    |      |      |           |  |
| MAY 1                                                       | 180                   | 439    | 389           | 306  | 178  | 117  | 78   | 39   | 33   | 17   | 6    |      |           |  |
| MAY 11                                                      | 180                   | 339    | 278           | 222  | 139  | 100  | 50   | 17   | 6    |      |      |      |           |  |
| MAY 21                                                      | 198                   | 444    | 379           | 263  | 152  | 96   | 61   | 45   | 30   | 20   |      |      |           |  |
| JUN 1                                                       | 180                   | 461    | 378           | 317  | 189  | 128  | 83   | 50   | 33   | 6    | 6    |      |           |  |
| JUN 11                                                      | 180                   | 372    | 306           | 217  | 117  | 83   | 56   | 39   | 28   | 11   | 6    |      |           |  |
| JUN 21                                                      | 180                   | 356    | 267           | 189  | 128  | 83   | 67   | 44   | 22   | 6    |      |      |           |  |
| JUL 1                                                       | 189                   | 206    | 148           | 127  | 69   | 42   | 21   | 16   | 5    | 5    |      |      |           |  |
| JUL 11                                                      | 190                   | 147    | 68            | 42   | 32   | 21   | 16   | 11   | 11   | 5    | 5    | 5    |           |  |
| JUL 21                                                      | 208                   | 139    | 101           | 82   | 43   | 24   | 19   | 10   | 10   | 5    |      |      |           |  |
| AUG 1                                                       | 190                   | 195    | 126           | 95   | 47   | 37   | 26   | 21   | 16   | 5    | 5    |      |           |  |
| AUG 11                                                      | 190                   | 168    | 137           | 121  | 53   | 42   | 21   | 21   | 11   |      |      |      |           |  |
| AUG 21                                                      | 209                   | 263    | 187           | 129  | 86   | 53   | 43   | 29   | 19   | 14   |      |      |           |  |
| SEP 1                                                       | 180                   | 178    | 144           | 89   | 44   | 33   | 28   | 17   | 11   | 11   |      |      |           |  |
| SEP 11                                                      | 180                   | 300    | 261           | 217  | 172  | 117  | 72   | 28   | 11   | 11   |      |      |           |  |
| SEP 21                                                      | 180                   | 194    | 128           | 106  | 67   | 50   | 28   | 22   | 11   | 11   | 6    |      |           |  |
| OCT 1                                                       | 180                   | 278    | 250           | 183  | 133  | 89   | 56   | 44   | 33   | 28   | 22   |      |           |  |
| OCT 11                                                      | 180                   | 328    | 289           | 233  | 156  | 83   | 67   | 44   | 39   | 11   | 6    | 6    |           |  |
| OCT 21                                                      | 198                   | 298    | 242           | 162  | 121  | 71   | 61   | 56   | 20   | 5    |      |      |           |  |
| NOV 1                                                       | 177                   | 282    | 232           | 186  | 102  | 68   | 56   | 28   | 6    |      |      |      |           |  |
| NOV 11                                                      | 170                   | 471    | 371           | 288  | 206  | 124  | 94   | 65   | 47   | 18   | 6    |      |           |  |
| NOV 21                                                      | 175                   | 389    | 354           | 297  | 206  | 120  | 74   | 63   | 34   | 17   | 6    |      |           |  |
| DEC 1                                                       | 170                   | 471    | 376           | 306  | 159  | 76   | 53   | 47   | 35   | 18   | 12   |      |           |  |
| DEC 11                                                      | 163                   | 442    | 356           | 301  | 166  | 110  | 86   | 61   | 37   | 18   | 12   |      |           |  |
| DEC 21                                                      | 176                   | 443    | 369           | 284  | 188  | 131  | 119  | 85   | 57   | 45   | 34   | 17   | 11        |  |
| MONTH                                                       |                       |        |               |      |      |      |      |      |      |      |      |      |           |  |
| JAN                                                         | 509                   | 481    | 397           | 312  | 198  | 139  | 108  | 79   | 69   | 28   | 14   | 4    | 2         |  |
| FEB                                                         | 493                   | 438    | 369           | 284  | 172  | 118  | 75   | 45   | 28   | 16   | 10   | 4    | 2         |  |
| MAR                                                         | 558                   | 407    | 390           | 303  | 165  | 97   | 65   | 38   | 18   | 11   | 5    |      |           |  |
| APR                                                         | 540                   | 380    | 315           | 254  | 159  | 85   | 56   | 37   | 26   | 17   | 9    |      |           |  |
| MAY                                                         | 558                   | 409    | 349           | 263  | 156  | 104  | 63   | 34   | 23   | 13   | 2    |      |           |  |
| JUN                                                         | 540                   | 396    | 317           | 241  | 144  | 98   | 69   | 44   | 28   | 7    | 4    |      |           |  |
| JUL                                                         | 587                   | 164    | 106           | 83   | 48   | 29   | 19   | 12   | 9    | 5    | 2    | 2    |           |  |
| AUG                                                         | 589                   | 211    | 151           | 115  | 63   | 44   | 31   | 24   | 15   | 7    | 2    |      |           |  |
| SEP                                                         | 540                   | 224    | 178           | 137  | 94   | 67   | 43   | 22   | 11   | 11   | 2    |      |           |  |
| OCT                                                         | 558                   | 301    | 260           | 192  | 136  | 81   | 61   | 48   | 30   | 14   | 9    | 2    |           |  |
| NOV                                                         | 522                   | 379    | 318           | 257  | 170  | 103  | 75   | 52   | 29   | 11   | 4    |      |           |  |
| DEC                                                         | 509                   | 452    | 367           | 297  | 171  | 106  | 86   | 65   | 43   | 28   | 20   | 6    | 4         |  |

(con.)

Table 17 (Con.)

| PRECIPITATION - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES) |       |        |         |      |                                 |      |      |      |      |      |      |      |           |      |
|-------------------------------------------------------------|-------|--------|---------|------|---------------------------------|------|------|------|------|------|------|------|-----------|------|
| - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED     |       |        |         |      |                                 |      |      |      |      |      |      |      |           |      |
| STATION NUMBER                                              |       | 101663 | CHALLIS |      |                                 |      |      |      |      |      |      |      | 1951-1980 |      |
| PERIOD                                                      | TOTAL |        |         |      | AMOUNT EQUAL TO OR GREATER THAN |      |      |      |      |      |      |      |           |      |
| BEGINS                                                      | NUM.  |        | 0.01    | 0.05 | 0.10                            | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.80 | 1.00 | 1.50      | 2.00 |
|                                                             | DAYS  |        |         |      |                                 |      |      |      |      |      |      |      |           |      |
| JAN 1                                                       | 300   | 190    | 100     | 60   | 20                              | 3    |      |      |      |      |      |      |           |      |
| JAN 11                                                      | 300   | 227    | 140     | 73   | 27                              | 13   | 10   | 7    | 3    | 3    |      |      |           |      |
| JAN 21                                                      | 330   | 185    | 115     | 67   | 21                              | 6    | 3    |      |      |      |      |      |           |      |
| FEB 1                                                       | 300   | 143    | 70      | 47   | 20                              | 13   | 7    | 7    | 3    |      |      |      |           |      |
| FEB 11                                                      | 300   | 170    | 93      | 47   | 17                              | 7    |      |      |      |      |      |      |           |      |
| FEB 21                                                      | 248   | 145    | 89      | 40   | 8                               | 4    |      |      |      |      |      |      |           |      |
| MAR 1                                                       | 300   | 183    | 123     | 63   | 17                              | 10   | 7    | 3    |      |      |      |      |           |      |
| MAR 11                                                      | 300   | 133    | 70      | 33   | 7                               | 7    | 3    |      |      |      |      |      |           |      |
| MAR 21                                                      | 330   | 145    | 100     | 45   | 9                               |      |      |      |      |      |      |      |           |      |
| APR 1                                                       | 300   | 143    | 107     | 57   | 17                              | 13   | 13   | 7    | 7    |      |      |      |           |      |
| APR 11                                                      | 300   | 143    | 60      | 37   | 23                              | 7    | 3    | 3    | 3    | 3    |      |      |           |      |
| APR 21                                                      | 300   | 210    | 150     | 110  | 47                              | 33   | 10   |      |      |      |      |      |           |      |
| MAY 1                                                       | 300   | 253    | 160     | 113  | 53                              | 20   | 7    | 3    | 3    | 3    | 3    |      |           |      |
| MAY 11                                                      | 300   | 253    | 190     | 130  | 90                              | 50   | 27   | 17   | 10   | 3    | 3    |      |           |      |
| MAY 21                                                      | 330   | 261    | 179     | 121  | 45                              | 27   | 12   | 12   | 3    | 3    | 3    | 3    |           |      |
| JUN 1                                                       | 300   | 307    | 227     | 153  | 103                             | 67   | 27   | 13   | 10   | 3    |      |      |           |      |
| JUN 11                                                      | 300   | 283    | 193     | 137  | 50                              | 23   | 10   | 3    | 3    | 3    |      |      |           |      |
| JUN 21                                                      | 300   | 230    | 160     | 97   | 53                              | 37   | 23   | 13   | 7    |      |      |      |           |      |
| JUL 1                                                       | 300   | 173    | 90      | 70   | 33                              | 20   | 13   | 3    | 3    |      |      |      |           |      |
| JUL 11                                                      | 300   | 150    | 73      | 53   | 30                              | 10   | 3    | 3    | 3    |      |      |      |           |      |
| JUL 21                                                      | 330   | 145    | 97      | 61   | 24                              | 6    | 3    | 3    | 3    |      |      |      |           |      |
| AUG 1                                                       | 300   | 170    | 110     | 67   | 37                              | 20   |      |      |      |      |      |      |           |      |
| AUG 11                                                      | 300   | 173    | 113     | 70   | 30                              | 17   | 3    | 3    | 3    |      |      |      |           |      |
| AUG 21                                                      | 330   | 145    | 100     | 55   | 27                              | 12   | 6    |      |      |      |      |      |           |      |
| SEP 1                                                       | 300   | 127    | 93      | 60   | 23                              | 10   | 3    | 3    |      |      |      |      |           |      |
| SEP 11                                                      | 300   | 223    | 147     | 100  | 57                              | 43   | 37   | 17   | 13   | 10   | 7    |      |           |      |
| SEP 21                                                      | 300   | 107    | 63      | 40   | 17                              | 10   | 3    | 3    | 3    | 3    |      |      |           |      |
| OCT 1                                                       | 300   | 107    | 77      | 50   | 20                              | 10   | 10   | 3    |      |      |      |      |           |      |
| OCT 11                                                      | 290   | 110    | 66      | 41   | 17                              | 7    | 7    | 7    | 7    |      |      |      |           |      |
| OCT 21                                                      | 324   | 123    | 86      | 43   | 12                              | 9    |      |      |      |      |      |      |           |      |
| NOV 1                                                       | 298   | 111    | 60      | 50   | 23                              | 7    | 7    |      |      |      |      |      |           |      |
| NOV 11                                                      | 297   | 155    | 101     | 34   | 10                              | 7    |      |      |      |      |      |      |           |      |
| NOV 21                                                      | 299   | 217    | 120     | 57   | 17                              |      |      |      |      |      |      |      |           |      |
| DEC 1                                                       | 296   | 179    | 108     | 57   | 27                              | 3    | 3    | 3    | 3    |      |      |      |           |      |
| DEC 11                                                      | 297   | 162    | 108     | 47   | 10                              | 7    |      |      |      |      |      |      |           |      |
| DEC 21                                                      | 324   | 179    | 105     | 65   | 34                              | 15   | 15   | 15   | 9    | 6    | 3    | 3    |           |      |
| MONTH                                                       |       |        |         |      |                                 |      |      |      |      |      |      |      |           |      |
| JAN                                                         | 930   | 200    | 118     | 67   | 23                              | 8    | 4    | 2    | 1    | 1    |      |      |           |      |
| FEB                                                         | 848   | 153    | 84      | 45   | 15                              | 8    | 2    | 2    | 1    |      |      |      |           |      |
| MAR                                                         | 930   | 154    | 98      | 47   | 11                              | 5    | 3    | 1    |      |      |      |      |           |      |
| APR                                                         | 900   | 166    | 106     | 68   | 29                              | 18   | 9    | 3    | 3    | 1    |      |      |           |      |
| MAY                                                         | 930   | 256    | 176     | 122  | 62                              | 32   | 15   | 11   | 5    | 3    | 1    |      |           |      |
| JUN                                                         | 900   | 273    | 193     | 129  | 69                              | 42   | 20   | 10   | 7    | 2    |      |      |           |      |
| JUL                                                         | 930   | 156    | 87      | 61   | 29                              | 12   | 6    | 3    | 3    |      |      |      |           |      |
| AUG                                                         | 930   | 162    | 108     | 63   | 31                              | 16   | 3    | 1    | 1    |      |      |      |           |      |
| SEP                                                         | 900   | 152    | 101     | 67   | 32                              | 21   | 14   | 8    | 6    | 4    | 2    |      |           |      |
| OCT                                                         | 914   | 114    | 77      | 45   | 16                              | 9    | 5    | 3    | 2    |      |      |      |           |      |
| NOV                                                         | 894   | 161    | 94      | 47   | 17                              | 4    | 2    |      |      |      |      |      |           |      |
| DEC                                                         | 917   | 173    | 107     | 57   | 24                              | 9    | 7    | 7    | 4    | 2    | 1    | 1    |           |      |

(con.)

Table 17 (Con.)

| PRECIPITATION - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES) |       |                                 |      |      |      |      |      |      |      |      |      |           |
|-------------------------------------------------------------|-------|---------------------------------|------|------|------|------|------|------|------|------|------|-----------|
| - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED     |       |                                 |      |      |      |      |      |      |      |      |      |           |
| STATION NUMBER                                              |       | 101932 COBALT                   |      |      |      |      |      |      |      |      |      | 1962-1981 |
| PERIOD                                                      | TOTAL | AMOUNT EQUAL TO OR GREATER THAN |      |      |      |      |      |      |      |      |      |           |
| BEGINS                                                      | NUM.  | 0.01                            | 0.05 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.80 | 1.00 | 1.50 2.00 |
| DAYS                                                        | DAYS  |                                 |      |      |      |      |      |      |      |      |      |           |
| JAN 1                                                       | 199   | 367                             | 291  | 186  | 101  | 60   | 30   | 10   | 5    |      |      |           |
| JAN 11                                                      | 199   | 342                             | 286  | 206  | 90   | 55   | 35   | 30   | 20   | 10   |      |           |
| JAN 21                                                      | 220   | 300                             | 227  | 136  | 68   | 55   | 36   | 32   | 18   |      |      |           |
| FEB 1                                                       | 200   | 195                             | 160  | 120  | 45   | 25   | 10   | 5    | 5    | 5    |      |           |
| FEB 11                                                      | 200   | 300                             | 250  | 165  | 95   | 40   | 10   | 5    |      |      |      |           |
| FEB 21                                                      | 165   | 261                             | 218  | 164  | 61   | 12   |      |      |      |      |      |           |
| MAR 1                                                       | 189   | 238                             | 190  | 164  | 58   | 48   | 21   | 5    |      |      |      |           |
| MAR 11                                                      | 190   | 311                             | 232  | 168  | 63   | 32   |      |      |      |      |      |           |
| MAR 21                                                      | 209   | 292                             | 206  | 124  | 38   | 10   |      |      |      |      |      |           |
| APR 1                                                       | 180   | 350                             | 300  | 211  | 100  | 61   | 44   | 39   | 17   | 6    |      |           |
| APR 11                                                      | 180   | 239                             | 217  | 150  | 78   | 28   | 11   | 6    | 6    | 6    |      |           |
| APR 21                                                      | 180   | 339                             | 294  | 194  | 133  | 94   | 50   | 28   | 17   | 6    | 6    | 6         |
| MAY 1                                                       | 170   | 335                             | 265  | 212  | 129  | 65   | 24   | 24   | 12   | 6    |      |           |
| MAY 11                                                      | 170   | 376                             | 300  | 212  | 124  | 71   | 59   | 35   | 12   |      |      |           |
| MAY 21                                                      | 187   | 332                             | 257  | 182  | 128  | 70   | 53   | 32   | 27   | 5    | 5    |           |
| JUN 1                                                       | 169   | 355                             | 314  | 231  | 136  | 71   | 47   | 30   | 18   | 12   | 6    |           |
| JUN 11                                                      | 170   | 406                             | 347  | 271  | 153  | 112  | 76   | 47   | 35   | 12   | 6    |           |
| JUN 21                                                      | 170   | 324                             | 265  | 176  | 112  | 76   | 41   | 29   | 18   | 12   | 6    |           |
| JUL 1                                                       | 170   | 241                             | 206  | 165  | 71   | 47   | 35   | 29   | 18   | 12   |      |           |
| JUL 11                                                      | 170   | 188                             | 147  | 94   | 71   | 41   | 35   | 29   | 18   | 6    |      |           |
| JUL 21                                                      | 187   | 176                             | 139  | 123  | 59   | 53   | 37   | 27   | 21   | 5    |      |           |
| AUG 1                                                       | 190   | 205                             | 163  | 84   | 42   | 16   | 5    | 5    | 5    |      |      |           |
| AUG 11                                                      | 190   | 221                             | 195  | 153  | 95   | 68   | 47   | 32   | 5    | 5    |      |           |
| AUG 21                                                      | 209   | 196                             | 153  | 105  | 67   | 38   | 29   | 24   |      |      |      |           |
| SEP 1                                                       | 190   | 174                             | 142  | 126  | 84   | 47   | 32   | 21   | 11   | 5    | 5    |           |
| SEP 11                                                      | 181   | 276                             | 249  | 171  | 122  | 72   | 55   | 33   | 17   | 6    | 6    |           |
| SEP 21                                                      | 189   | 180                             | 148  | 111  | 58   | 11   | 5    | 5    | 5    |      |      |           |
| OCT 1                                                       | 190   | 216                             | 179  | 116  | 79   | 26   | 26   | 16   | 11   | 5    |      |           |
| OCT 11                                                      | 190   | 211                             | 174  | 142  | 79   | 37   | 16   | 5    | 5    |      |      |           |
| OCT 21                                                      | 218   | 220                             | 188  | 119  | 69   | 41   | 23   | 18   | 9    |      |      |           |
| NOV 1                                                       | 190   | 316                             | 258  | 184  | 89   | 32   | 11   | 11   | 5    | 5    |      |           |
| NOV 11                                                      | 190   | 258                             | 242  | 163  | 58   | 26   | 16   | 5    | 5    |      |      |           |
| NOV 21                                                      | 188   | 330                             | 255  | 170  | 90   | 53   | 32   | 27   | 16   | 5    |      |           |
| DEC 1                                                       | 189   | 349                             | 286  | 206  | 95   | 32   | 26   | 21   | 16   | 11   | 11   |           |
| DEC 11                                                      | 190   | 279                             | 226  | 163  | 74   | 42   | 21   | 11   | 5    | 5    | 5    |           |
| DEC 21                                                      | 207   | 377                             | 309  | 217  | 92   | 53   | 34   | 19   | 14   | 5    | 5    |           |
| MONTH                                                       |       |                                 |      |      |      |      |      |      |      |      |      |           |
| JAN                                                         | 618   | 335                             | 267  | 175  | 86   | 57   | 34   | 24   | 15   | 3    |      |           |
| FEB                                                         | 565   | 251                             | 209  | 149  | 67   | 27   | 7    | 4    | 2    | 2    | 2    |           |
| MAR                                                         | 588   | 281                             | 209  | 151  | 53   | 29   | 10   | 2    |      |      |      |           |
| APR                                                         | 540   | 309                             | 270  | 185  | 104  | 61   | 35   | 24   | 13   | 6    | 2    | 2         |
| MAY                                                         | 527   | 347                             | 273  | 201  | 127  | 68   | 46   | 30   | 17   | 4    | 2    |           |
| JUN                                                         | 509   | 361                             | 308  | 226  | 134  | 86   | 55   | 35   | 24   | 12   | 6    |           |
| JUL                                                         | 527   | 201                             | 163  | 127  | 66   | 47   | 36   | 28   | 19   | 8    |      |           |
| AUG                                                         | 589   | 207                             | 170  | 114  | 68   | 41   | 27   | 20   | 3    | 2    |      |           |
| SEP                                                         | 560   | 209                             | 179  | 136  | 88   | 43   | 30   | 20   | 11   | 5    | 4    |           |
| OCT                                                         | 598   | 216                             | 181  | 125  | 75   | 35   | 22   | 13   | 8    | 2    |      |           |
| NOV                                                         | 568   | 301                             | 252  | 173  | 79   | 37   | 19   | 14   | 9    | 4    |      |           |
| DEC                                                         | 586   | 336                             | 275  | 196  | 87   | 43   | 27   | 17   | 12   | 7    | 7    |           |

(con.)

Table 17 (Con.)

PRECIPITATION - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES)  
 - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 102575 DIXIE |                       |      | 1952-1980 |      |                                 |      |      |      |      |      |      |      |      |
|-----------------------------|-----------------------|------|-----------|------|---------------------------------|------|------|------|------|------|------|------|------|
| PERIOD<br>BEGINS            | TOTAL<br>NUM.<br>DAYS | 0.01 | 0.05      | 0.10 | AMOUNT EQUAL TO OR GREATER THAN |      |      |      |      |      |      |      |      |
|                             |                       |      |           |      | 0.20                            | 0.30 | 0.40 | 0.50 | 0.60 | 0.80 | 1.00 | 1.50 | 2.00 |
| JAN 1                       | 280                   | 543  | 471       | 339  | 218                             | 139  | 68   | 46   | 29   | 18   |      |      |      |
| JAN 11                      | 280                   | 604  | 557       | 493  | 296                             | 186  | 139  | 86   | 57   | 29   | 21   |      |      |
| JAN 21                      | 308                   | 523  | 461       | 380  | 263                             | 166  | 101  | 81   | 58   | 19   | 13   |      |      |
| FEB 1                       | 280                   | 407  | 357       | 318  | 189                             | 107  | 57   | 36   | 21   | 11   | 7    |      |      |
| FEB 11                      | 280                   | 532  | 475       | 386  | 225                             | 125  | 75   | 46   | 11   | 4    | 4    |      |      |
| FEB 21                      | 231                   | 450  | 381       | 312  | 203                             | 113  | 65   | 17   |      |      |      |      |      |
| MAR 1                       | 280                   | 486  | 439       | 346  | 196                             | 104  | 79   | 50   | 29   | 7    | 7    |      |      |
| MAR 11                      | 280                   | 446  | 389       | 304  | 193                             | 104  | 75   | 57   | 21   | 4    |      |      |      |
| MAR 21                      | 308                   | 435  | 390       | 325  | 192                             | 114  | 62   | 32   | 19   | 3    | 3    |      |      |
| APR 1                       | 280                   | 421  | 379       | 314  | 161                             | 82   | 61   | 43   | 14   | 4    | 4    |      |      |
| APR 11                      | 280                   | 414  | 343       | 271  | 175                             | 107  | 68   | 43   | 29   | 7    |      |      |      |
| APR 21                      | 280                   | 396  | 329       | 271  | 154                             | 61   | 39   | 21   | 11   | 7    |      |      |      |
| MAY 1                       | 280                   | 418  | 350       | 275  | 179                             | 114  | 61   | 32   | 21   | 4    |      |      |      |
| MAY 11                      | 280                   | 375  | 318       | 264  | 161                             | 89   | 61   | 46   | 29   | 4    | 4    |      |      |
| MAY 21                      | 308                   | 445  | 373       | 305  | 153                             | 101  | 75   | 36   | 23   | 10   | 3    |      |      |
| JUN 1                       | 280                   | 407  | 354       | 293  | 204                             | 139  | 93   | 64   | 32   | 18   | 7    | 4    |      |
| JUN 11                      | 280                   | 368  | 307       | 257  | 179                             | 111  | 71   | 39   | 18   | 7    | 4    |      |      |
| JUN 21                      | 280                   | 332  | 282       | 243  | 157                             | 111  | 75   | 50   | 29   | 14   | 7    |      |      |
| JUL 1                       | 290                   | 231  | 190       | 148  | 69                              | 48   | 38   | 14   | 10   | 7    | 3    |      |      |
| JUL 11                      | 290                   | 145  | 110       | 86   | 52                              | 34   | 24   | 21   | 7    |      |      |      |      |
| JUL 21                      | 319                   | 144  | 122       | 91   | 50                              | 38   | 22   | 6    | 3    | 3    | 3    |      |      |
| AUG 1                       | 280                   | 200  | 139       | 100  | 61                              | 39   | 25   | 18   | 4    | 4    |      |      |      |
| AUG 11                      | 280                   | 207  | 171       | 129  | 86                              | 64   | 39   | 29   | 21   | 7    | 7    |      |      |
| AUG 21                      | 308                   | 234  | 179       | 130  | 91                              | 55   | 42   | 39   | 26   | 10   | 3    |      |      |
| SEP 1                       | 290                   | 186  | 141       | 117  | 79                              | 55   | 38   | 24   | 17   | 3    | 3    |      |      |
| SEP 11                      | 290                   | 310  | 259       | 203  | 152                             | 117  | 69   | 38   | 24   | 10   |      |      |      |
| SEP 21                      | 290                   | 214  | 186       | 138  | 86                              | 55   | 34   | 17   | 10   | 3    | 3    |      |      |
| OCT 1                       | 290                   | 224  | 197       | 169  | 110                             | 93   | 62   | 34   | 28   | 17   | 14   |      |      |
| OCT 11                      | 290                   | 245  | 214       | 172  | 107                             | 59   | 52   | 34   | 21   | 7    | 3    |      |      |
| OCT 21                      | 319                   | 339  | 282       | 241  | 154                             | 88   | 69   | 47   | 31   | 19   | 9    |      |      |
| NOV 1                       | 280                   | 368  | 318       | 254  | 154                             | 86   | 46   | 43   | 18   | 11   | 4    |      |      |
| NOV 11                      | 280                   | 475  | 386       | 282  | 182                             | 111  | 61   | 32   | 18   | 7    | 4    |      |      |
| NOV 21                      | 280                   | 446  | 400       | 346  | 225                             | 171  | 118  | 64   | 43   | 21   | 11   |      |      |
| DEC 1                       | 290                   | 500  | 459       | 393  | 234                             | 148  | 100  | 72   | 41   | 31   | 10   |      |      |
| DEC 11                      | 290                   | 479  | 410       | 334  | 217                             | 131  | 69   | 38   | 31   | 21   |      |      |      |
| DEC 21                      | 319                   | 539  | 483       | 367  | 229                             | 160  | 103  | 69   | 41   | 19   | 9    | 3    |      |
| MONTH                       |                       |      |           |      |                                 |      |      |      |      |      |      |      |      |
| JAN                         | 868                   | 555  | 495       | 403  | 259                             | 164  | 103  | 71   | 48   | 22   | 12   |      |      |
| FEB                         | 791                   | 464  | 406       | 340  | 206                             | 115  | 66   | 34   | 11   | 5    | 4    |      |      |
| MAR                         | 868                   | 455  | 406       | 325  | 194                             | 107  | 71   | 46   | 23   | 5    | 3    |      |      |
| APR                         | 840                   | 411  | 350       | 286  | 163                             | 83   | 56   | 36   | 18   | 6    | 1    |      |      |
| MAY                         | 868                   | 414  | 348       | 282  | 164                             | 101  | 66   | 38   | 24   | 6    | 2    |      |      |
| JUN                         | 840                   | 369  | 314       | 264  | 180                             | 120  | 80   | 51   | 26   | 13   | 6    | 1    |      |
| JUL                         | 899                   | 172  | 140       | 108  | 57                              | 40   | 28   | 13   | 7    | 3    | 2    |      |      |
| AUG                         | 868                   | 214  | 164       | 120  | 79                              | 53   | 36   | 29   | 17   | 7    | 3    |      |      |
| SEP                         | 870                   | 237  | 195       | 153  | 106                             | 76   | 47   | 26   | 17   | 6    | 2    |      |      |
| OCT                         | 899                   | 271  | 232       | 196  | 125                             | 80   | 61   | 39   | 27   | 14   | 9    |      |      |
| NOV                         | 840                   | 430  | 368       | 294  | 187                             | 123  | 75   | 46   | 26   | 13   | 6    |      |      |
| DEC                         | 899                   | 507  | 452       | 365  | 227                             | 147  | 91   | 60   | 38   | 23   | 7    | 1    |      |

(con.)

Table 17 (Con.)

PRECIPITATION - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES)  
 - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 105708 |                       | MC CALL |      | 1951-1980 |                                 |      |      |      |      |      |      |      |      |  |
|-----------------------|-----------------------|---------|------|-----------|---------------------------------|------|------|------|------|------|------|------|------|--|
| PERIOD<br>BEGINS      | TOTAL<br>NUM.<br>DAYS | 0.01    | 0.05 | 0.10      | AMOUNT EQUAL TO OR GREATER THAN |      |      |      |      |      |      |      |      |  |
|                       |                       |         |      |           | 0.20                            | 0.30 | 0.40 | 0.50 | 0.60 | 0.80 | 1.00 | 1.50 | 2.00 |  |
| JAN 1                 | 300                   | 403     | 350  | 293       | 217                             | 143  | 113  | 90   | 60   | 30   | 20   |      |      |  |
| JAN 11                | 300                   | 527     | 497  | 423       | 297                             | 223  | 163  | 97   | 67   | 37   | 20   | 7    |      |  |
| JAN 21                | 329                   | 426     | 383  | 337       | 231                             | 176  | 122  | 76   | 43   | 30   | 21   | 3    |      |  |
| FEB 1                 | 300                   | 350     | 320  | 260       | 183                             | 123  | 80   | 50   | 37   | 13   | 3    |      |      |  |
| FEB 11                | 300                   | 440     | 390  | 327       | 193                             | 150  | 93   | 57   | 43   | 27   | 23   |      |      |  |
| FEB 21                | 248                   | 367     | 327  | 254       | 173                             | 113  | 77   | 52   | 28   | 16   | 8    | 4    |      |  |
| MAR 1                 | 300                   | 370     | 320  | 267       | 183                             | 107  | 67   | 47   | 30   | 17   | 13   | 3    |      |  |
| MAR 11                | 300                   | 360     | 290  | 257       | 190                             | 123  | 63   | 30   | 23   | 3    |      |      |      |  |
| MAR 21                | 330                   | 321     | 291  | 255       | 194                             | 118  | 52   | 24   | 21   | 12   | 6    |      |      |  |
| APR 1                 | 300                   | 287     | 240  | 203       | 143                             | 93   | 67   | 50   | 27   | 10   | 7    |      |      |  |
| APR 11                | 300                   | 283     | 240  | 200       | 130                             | 83   | 57   | 37   | 27   | 7    |      |      |      |  |
| APR 21                | 300                   | 293     | 250  | 200       | 123                             | 87   | 50   | 43   | 30   | 3    |      |      |      |  |
| MAY 1                 | 300                   | 330     | 283  | 223       | 140                             | 87   | 70   | 37   | 23   | 3    |      |      |      |  |
| MAY 11                | 300                   | 310     | 267  | 213       | 117                             | 83   | 57   | 37   | 20   |      |      |      |      |  |
| MAY 21                | 330                   | 315     | 261  | 206       | 139                             | 103  | 58   | 21   | 18   | 6    |      |      |      |  |
| JUN 1                 | 300                   | 320     | 270  | 207       | 153                             | 103  | 67   | 50   | 37   | 23   | 7    | 3    |      |  |
| JUN 11                | 300                   | 297     | 230  | 180       | 123                             | 73   | 50   | 30   | 23   | 7    | 3    | 3    |      |  |
| JUN 21                | 300                   | 253     | 193  | 160       | 117                             | 70   | 53   | 37   | 23   | 10   | 7    |      |      |  |
| JUL 1                 | 300                   | 153     | 110  | 73        | 23                              | 20   | 17   | 7    |      |      |      |      |      |  |
| JUL 11                | 300                   | 103     | 73   | 53        | 33                              | 17   | 13   | 10   | 7    | 3    | 3    |      |      |  |
| JUL 21                | 330                   | 97      | 73   | 48        | 24                              | 18   | 6    | 3    | 3    | 3    |      |      |      |  |
| AUG 1                 | 300                   | 133     | 90   | 70        | 43                              | 37   | 33   | 23   | 13   | 3    | 3    |      |      |  |
| AUG 11                | 300                   | 170     | 137  | 103       | 77                              | 53   | 40   | 27   | 17   |      |      |      |      |  |
| AUG 21                | 330                   | 212     | 167  | 112       | 61                              | 39   | 27   | 15   | 12   | 3    |      |      |      |  |
| SEP 1                 | 300                   | 117     | 93   | 83        | 63                              | 30   | 27   | 20   | 13   | 10   | 7    |      |      |  |
| SEP 11                | 300                   | 263     | 213  | 180       | 143                             | 97   | 73   | 63   | 33   | 13   | 3    |      |      |  |
| SEP 21                | 300                   | 180     | 133  | 113       | 60                              | 43   | 27   | 23   | 10   | 3    | 3    | 3    |      |  |
| OCT 1                 | 300                   | 203     | 180  | 150       | 103                             | 77   | 53   | 33   | 20   | 13   | 10   | 3    |      |  |
| OCT 11                | 300                   | 220     | 193  | 170       | 120                             | 100  | 57   | 47   | 23   | 13   | 10   | 3    |      |  |
| OCT 21                | 330                   | 282     | 242  | 194       | 118                             | 79   | 67   | 52   | 24   | 12   | 3    |      |      |  |
| NOV 1                 | 300                   | 327     | 283  | 243       | 170                             | 113  | 67   | 33   | 17   | 13   |      |      |      |  |
| NOV 11                | 300                   | 370     | 320  | 297       | 210                             | 133  | 87   | 53   | 30   | 10   | 3    |      |      |  |
| NOV 21                | 299                   | 391     | 358  | 318       | 227                             | 174  | 124  | 64   | 40   | 7    | 3    |      |      |  |
| DEC 1                 | 300                   | 420     | 380  | 310       | 207                             | 150  | 117  | 83   | 67   | 40   | 10   |      |      |  |
| DEC 11                | 299                   | 381     | 331  | 288       | 191                             | 130  | 90   | 67   | 43   | 30   | 7    | 3    |      |  |
| DEC 21                | 329                   | 432     | 395  | 340       | 228                             | 173  | 125  | 100  | 67   | 40   | 18   | 3    | 3    |  |
| MONTH                 |                       |         |      |           |                                 |      |      |      |      |      |      |      |      |  |
| JAN                   | 929                   | 451     | 409  | 351       | 248                             | 181  | 132  | 87   | 56   | 32   | 20   | 3    |      |  |
| FEB                   | 848                   | 387     | 347  | 282       | 184                             | 130  | 84   | 53   | 37   | 19   | 12   | 1    |      |  |
| MAR                   | 930                   | 349     | 300  | 259       | 189                             | 116  | 60   | 33   | 25   | 11   | 6    | 1    |      |  |
| APR                   | 900                   | 288     | 243  | 201       | 132                             | 88   | 58   | 43   | 28   | 7    | 2    |      |      |  |
| MAY                   | 930                   | 318     | 270  | 214       | 132                             | 91   | 61   | 31   | 20   | 3    |      |      |      |  |
| JUN                   | 900                   | 290     | 231  | 182       | 131                             | 82   | 57   | 39   | 28   | 13   | 6    | 2    |      |  |
| JUL                   | 930                   | 117     | 85   | 58        | 27                              | 18   | 12   | 6    | 3    | 2    | 1    |      |      |  |
| AUG                   | 930                   | 173     | 132  | 96        | 60                              | 43   | 33   | 22   | 14   | 2    | 1    |      |      |  |
| SEP                   | 900                   | 187     | 147  | 126       | 89                              | 57   | 42   | 36   | 19   | 9    | 4    | 1    |      |  |
| OCT                   | 930                   | 237     | 206  | 172       | 114                             | 85   | 59   | 44   | 23   | 13   | 8    | 2    |      |  |
| NOV                   | 899                   | 363     | 320  | 286       | 202                             | 140  | 92   | 50   | 29   | 10   | 2    |      |      |  |
| DEC                   | 928                   | 412     | 370  | 314       | 209                             | 152  | 111  | 84   | 59   | 37   | 12   | 2    | 1    |  |

(con.)

Table 17 (Con.)

PRECIPITATION - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES)  
 - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER   |                       | 107706 | RIGGINS |      | 1951-1980                       |      |      |      |      |      |      |      |      |  |
|------------------|-----------------------|--------|---------|------|---------------------------------|------|------|------|------|------|------|------|------|--|
| PERIOD<br>BEGINS | TOTAL<br>NUM.<br>DAYS | 0.01   | 0.05    | 0.10 | AMOUNT EQUAL TO OR GREATER THAN |      |      |      |      |      |      |      |      |  |
|                  |                       |        |         |      | 0.20                            | 0.30 | 0.40 | 0.50 | 0.60 | 0.80 | 1.00 | 1.50 | 2.00 |  |
| JAN 1            | 280                   | 282    | 221     | 157  | 86                              | 50   | 36   | 21   | 11   |      |      |      |      |  |
| JAN 11           | 273                   | 425    | 308     | 205  | 110                             | 59   | 33   | 15   | 7    |      |      |      |      |  |
| JAN 21           | 308                   | 286    | 198     | 120  | 52                              | 32   | 23   | 19   | 19   | 6    | 3    | 3    |      |  |
| FEB 1            | 288                   | 222    | 174     | 101  | 38                              | 17   | 7    | 3    | 3    |      |      |      |      |  |
| FEB 11           | 289                   | 370    | 284     | 173  | 73                              | 55   | 24   | 14   | 7    |      |      |      |      |  |
| FEB 21           | 238                   | 315    | 248     | 176  | 88                              | 38   | 17   | 13   | 8    | 4    | 4    |      |      |  |
| MAR 1            | 289                   | 308    | 232     | 138  | 83                              | 31   | 24   | 7    | 7    |      |      |      |      |  |
| MAR 11           | 289                   | 318    | 232     | 180  | 118                             | 73   | 42   | 24   | 14   | 3    | 3    |      |      |  |
| MAR 21           | 319                   | 339    | 263     | 204  | 103                             | 66   | 25   | 6    |      |      |      |      |      |  |
| APR 1            | 280                   | 364    | 296     | 221  | 139                             | 82   | 54   | 21   | 7    | 7    | 4    |      |      |  |
| APR 11           | 280                   | 346    | 261     | 182  | 118                             | 79   | 29   | 18   | 7    |      |      |      |      |  |
| APR 21           | 280                   | 311    | 268     | 189  | 100                             | 54   | 32   | 25   | 14   | 4    |      |      |      |  |
| MAY 1            | 300                   | 343    | 300     | 227  | 107                             | 70   | 50   | 43   | 20   | 10   | 3    |      |      |  |
| MAY 11           | 300                   | 343    | 260     | 200  | 107                             | 70   | 40   | 33   | 17   | 10   |      |      |      |  |
| MAY 21           | 330                   | 327    | 248     | 161  | 112                             | 85   | 61   | 30   | 15   | 6    | 3    |      |      |  |
| JUN 1            | 300                   | 347    | 257     | 203  | 147                             | 100  | 70   | 53   | 27   | 13   | 7    |      |      |  |
| JUN 11           | 300                   | 273    | 213     | 173  | 127                             | 80   | 33   | 23   | 10   | 3    | 3    |      |      |  |
| JUN 21           | 300                   | 253    | 207     | 163  | 80                              | 40   | 33   | 23   | 17   | 13   | 7    |      |      |  |
| JUL 1            | 300                   | 137    | 100     | 80   | 40                              | 27   | 20   | 7    | 7    | 3    | 3    | 3    | 3    |  |
| JUL 11           | 300                   | 137    | 100     | 73   | 53                              | 37   | 27   | 10   | 3    |      |      |      |      |  |
| JUL 21           | 330                   | 106    | 85      | 67   | 36                              | 18   | 6    |      |      |      |      |      |      |  |
| AUG 1            | 300                   | 97     | 77      | 70   | 33                              | 23   | 10   | 3    | 3    | 3    | 3    |      |      |  |
| AUG 11           | 300                   | 153    | 127     | 83   | 37                              | 27   | 17   | 13   | 10   | 7    | 3    |      |      |  |
| AUG 21           | 330                   | 197    | 161     | 130  | 76                              | 42   | 27   | 18   | 15   | 9    | 3    |      |      |  |
| SEP 1            | 299                   | 130    | 97      | 77   | 30                              | 23   | 20   | 7    | 7    | 3    |      |      |      |  |
| SEP 11           | 300                   | 217    | 180     | 150  | 107                             | 70   | 50   | 37   | 20   | 7    |      |      |      |  |
| SEP 21           | 300                   | 183    | 137     | 93   | 53                              | 37   | 23   | 13   | 7    | 7    | 3    |      |      |  |
| OCT 1            | 280                   | 189    | 143     | 107  | 75                              | 57   | 39   | 25   | 14   | 7    | 7    |      |      |  |
| OCT 11           | 280                   | 211    | 171     | 143  | 96                              | 54   | 36   | 25   | 18   | 7    | 7    | 4    |      |  |
| OCT 21           | 308                   | 221    | 149     | 123  | 71                              | 55   | 39   | 29   | 10   |      |      |      |      |  |
| NOV 1            | 279                   | 272    | 186     | 125  | 65                              | 29   | 22   | 18   | 11   |      |      |      |      |  |
| NOV 11           | 274                   | 299    | 237     | 179  | 102                             | 40   | 26   | 15   | 11   | 4    |      |      |      |  |
| NOV 21           | 280                   | 271    | 211     | 154  | 96                              | 46   | 25   | 14   | 14   | 7    |      |      |      |  |
| DEC 1            | 276                   | 333    | 225     | 159  | 87                              | 62   | 43   | 29   | 25   | 14   | 7    |      |      |  |
| DEC 11           | 270                   | 278    | 222     | 152  | 85                              | 48   | 22   | 7    | 7    | 4    | 4    |      |      |  |
| DEC 21           | 294                   | 306    | 211     | 167  | 99                              | 61   | 37   | 27   | 10   | 7    | 7    | 3    |      |  |
| MONTH            |                       |        |         |      |                                 |      |      |      |      |      |      |      |      |  |
| JAN              | 861                   | 329    | 240     | 159  | 81                              | 46   | 30   | 19   | 13   | 2    | 1    | 1    |      |  |
| FEB              | 815                   | 302    | 234     | 148  | 65                              | 37   | 16   | 10   | 6    | 1    | 1    |      |      |  |
| MAR              | 897                   | 322    | 243     | 175  | 101                             | 57   | 30   | 12   | 7    | 1    | 1    |      |      |  |
| APR              | 840                   | 340    | 275     | 198  | 119                             | 71   | 38   | 21   | 10   | 4    | 1    |      |      |  |
| MAY              | 930                   | 354    | 269     | 195  | 109                             | 75   | 51   | 35   | 17   | 9    | 2    |      |      |  |
| JUN              | 900                   | 291    | 226     | 180  | 118                             | 73   | 46   | 33   | 18   | 10   | 6    |      |      |  |
| JUL              | 930                   | 126    | 95      | 73   | 43                              | 27   | 17   | 5    | 3    | 1    | 1    | 1    | 1    |  |
| AUG              | 930                   | 151    | 123     | 96   | 49                              | 31   | 18   | 12   | 10   | 6    | 3    |      |      |  |
| SEP              | 899                   | 177    | 138     | 107  | 63                              | 43   | 31   | 19   | 11   | 6    | 1    |      |      |  |
| OCT              | 868                   | 207    | 154     | 124  | 81                              | 55   | 38   | 26   | 14   | 5    | 5    | 1    |      |  |
| NOV              | 833                   | 281    | 211     | 152  | 88                              | 38   | 24   | 16   | 12   | 4    |      |      |      |  |
| DEC              | 840                   | 306    | 219     | 160  | 90                              | 57   | 35   | 21   | 14   | 8    | 6    | 1    |      |  |

(con.)

Table 17 (Con.)

| PRECIPITATION - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES) |       |                     |      |      |      |                 |                 |      |      |      |      |      |           |  |
|-------------------------------------------------------------|-------|---------------------|------|------|------|-----------------|-----------------|------|------|------|------|------|-----------|--|
| - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED     |       |                     |      |      |      |                 |                 |      |      |      |      |      |           |  |
| STATION NUMBER 108076                                       |       | SALMON - SALMON 1 N |      |      |      |                 |                 |      |      |      |      |      | 1951-1980 |  |
| PERIOD                                                      | TOTAL |                     |      |      |      |                 |                 |      |      |      |      |      |           |  |
| BEGINS                                                      | NUM.  | 0.01                | 0.05 | 0.10 | 0.20 | AMOUNT EQUAL TO | OR GREATER THAN |      |      |      |      |      |           |  |
|                                                             | DAYS  |                     |      |      |      | 0.30            | 0.40            | 0.50 | 0.60 | 0.80 | 1.00 | 1.50 | 2.00      |  |
| JAN 1                                                       | 300   | 270                 | 153  | 63   | 17   | 10              | 7               |      |      |      |      |      |           |  |
| JAN 11                                                      | 300   | 343                 | 170  | 80   | 40   | 23              | 10              | 3    | 3    |      |      |      |           |  |
| JAN 21                                                      | 330   | 276                 | 155  | 97   | 24   | 9               | 3               | 3    |      |      |      |      |           |  |
| FEB 1                                                       | 300   | 217                 | 127  | 70   | 27   | 13              | 10              | 7    | 3    |      |      |      |           |  |
| FEB 11                                                      | 299   | 281                 | 147  | 74   | 23   | 7               |                 |      |      |      |      |      |           |  |
| FEB 21                                                      | 248   | 234                 | 129  | 60   | 4    |                 |                 |      |      |      |      |      |           |  |
| MAR 1                                                       | 300   | 263                 | 133  | 70   | 30   | 10              |                 |      |      |      |      |      |           |  |
| MAR 11                                                      | 300   | 210                 | 117  | 57   | 23   | 3               | 3               | 3    |      |      |      |      |           |  |
| MAR 21                                                      | 330   | 209                 | 103  | 55   | 12   | 3               |                 |      |      |      |      |      |           |  |
| APR 1                                                       | 300   | 243                 | 133  | 63   | 33   | 20              | 13              | 7    | 7    | 3    |      |      |           |  |
| APR 11                                                      | 300   | 223                 | 120  | 63   | 30   | 13              | 7               | 3    |      |      |      |      |           |  |
| APR 21                                                      | 300   | 270                 | 167  | 113  | 53   | 33              | 23              | 13   | 7    | 3    | 3    | 3    |           |  |
| MAY 1                                                       | 300   | 327                 | 203  | 143  | 57   | 33              | 17              | 10   | 7    |      |      |      |           |  |
| MAY 11                                                      | 300   | 317                 | 200  | 140  | 60   | 40              | 27              | 17   | 3    |      |      |      |           |  |
| MAY 21                                                      | 330   | 318                 | 236  | 176  | 94   | 58              | 21              | 9    |      |      |      |      |           |  |
| JUN 1                                                       | 288   | 337                 | 236  | 184  | 108  | 63              | 56              | 42   | 24   | 7    | 3    |      |           |  |
| JUN 11                                                      | 293   | 386                 | 242  | 177  | 85   | 48              | 27              | 17   | 10   | 3    | 3    |      |           |  |
| JUN 21                                                      | 291   | 316                 | 223  | 137  | 79   | 55              | 41              | 27   | 27   | 10   |      |      |           |  |
| JUL 1                                                       | 299   | 231                 | 154  | 87   | 43   | 27              | 13              | 3    | 3    |      |      |      |           |  |
| JUL 11                                                      | 300   | 167                 | 117  | 73   | 27   | 10              | 10              | 10   | 3    |      |      |      |           |  |
| JUL 21                                                      | 330   | 170                 | 112  | 76   | 36   | 18              | 12              | 9    | 6    | 3    |      |      |           |  |
| AUG 1                                                       | 300   | 203                 | 130  | 77   | 27   | 10              | 7               | 7    | 3    |      |      |      |           |  |
| AUG 11                                                      | 300   | 217                 | 150  | 103  | 53   | 23              | 7               | 3    | 3    |      |      |      |           |  |
| AUG 21                                                      | 330   | 212                 | 133  | 73   | 39   | 18              | 15              | 12   | 3    |      |      |      |           |  |
| SEP 1                                                       | 300   | 150                 | 107  | 57   | 23   | 13              | 7               | 7    | 3    | 3    |      |      |           |  |
| SEP 11                                                      | 300   | 240                 | 173  | 117  | 53   | 27              | 23              | 13   | 10   | 3    | 3    |      |           |  |
| SEP 21                                                      | 300   | 170                 | 87   | 37   | 10   | 7               | 7               |      |      |      |      |      |           |  |
| OCT 1                                                       | 297   | 158                 | 98   | 61   | 20   | 17              | 13              | 13   | 7    |      |      |      |           |  |
| OCT 11                                                      | 300   | 173                 | 110  | 70   | 37   | 10              | 3               | 3    |      |      |      |      |           |  |
| OCT 21                                                      | 330   | 188                 | 118  | 73   | 18   | 9               | 3               | 3    |      |      |      |      |           |  |
| NOV 1                                                       | 300   | 223                 | 160  | 93   | 23   | 13              | 10              | 10   | 10   | 7    | 3    |      |           |  |
| NOV 11                                                      | 300   | 263                 | 133  | 70   | 20   | 3               | 3               |      |      |      |      |      |           |  |
| NOV 21                                                      | 300   | 250                 | 153  | 97   | 27   | 13              | 7               |      |      |      |      |      |           |  |
| DEC 1                                                       | 300   | 280                 | 147  | 73   | 23   | 10              | 7               | 7    | 3    |      |      |      |           |  |
| DEC 11                                                      | 300   | 253                 | 153  | 87   | 27   | 23              | 13              | 7    | 3    | 3    | 3    |      |           |  |
| DEC 21                                                      | 330   | 324                 | 164  | 100  | 30   | 18              | 6               | 3    | 3    | 3    |      |      |           |  |
| MONTH                                                       |       |                     |      |      |      |                 |                 |      |      |      |      |      |           |  |
| JAN                                                         | 930   | 296                 | 159  | 81   | 27   | 14              | 6               | 2    | 1    |      |      |      |           |  |
| FEB                                                         | 847   | 244                 | 135  | 68   | 19   | 7               | 4               | 2    | 1    |      |      |      |           |  |
| MAR                                                         | 930   | 227                 | 117  | 60   | 22   | 5               | 1               | 1    |      |      |      |      |           |  |
| APR                                                         | 900   | 246                 | 140  | 80   | 39   | 22              | 14              | 8    | 4    | 2    | 1    | 1    |           |  |
| MAY                                                         | 930   | 320                 | 214  | 154  | 71   | 44              | 22              | 12   | 3    |      |      |      |           |  |
| JUN                                                         | 872   | 346                 | 234  | 166  | 91   | 55              | 41              | 29   | 21   | 7    | 2    |      |           |  |
| JUL                                                         | 929   | 188                 | 127  | 79   | 36   | 18              | 12              | 8    | 4    | 1    |      |      |           |  |
| AUG                                                         | 930   | 211                 | 138  | 84   | 40   | 17              | 10              | 8    | 3    |      |      |      |           |  |
| SEP                                                         | 900   | 187                 | 122  | 70   | 29   | 16              | 12              | 7    | 4    | 2    | 1    |      |           |  |
| OCT                                                         | 927   | 174                 | 109  | 68   | 25   | 12              | 6               | 6    | 2    |      |      |      |           |  |
| NOV                                                         | 900   | 246                 | 149  | 87   | 23   | 10              | 7               | 3    | 3    | 2    | 1    |      |           |  |
| DEC                                                         | 930   | 287                 | 155  | 87   | 27   | 17              | 9               | 5    | 3    | 2    | 1    |      |           |  |

(con.)

Table 17 (Con.)

PRECIPITATION - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES)  
 - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 109560 |                       | WARREN |      | 1960-1981 |      |                                 |      |      |      |      |      |      |      |
|-----------------------|-----------------------|--------|------|-----------|------|---------------------------------|------|------|------|------|------|------|------|
| PERIOD<br>BEGINS      | TOTAL<br>NUM.<br>DAYS | 0.01   | 0.05 | 0.10      | 0.20 | AMOUNT EQUAL TO OR GREATER THAN |      |      |      |      |      |      |      |
|                       |                       |        |      |           |      | 0.30                            | 0.40 | 0.50 | 0.60 | 0.80 | 1.00 | 1.50 | 2.00 |
| JAN 1                 | 220                   | 359    | 350  | 323       | 223  | 155                             | 100  | 68   | 59   | 32   | 14   |      |      |
| JAN 11                | 220                   | 386    | 368  | 295       | 218  | 145                             | 109  | 73   | 45   | 23   | 18   | 9    | 5    |
| JAN 21                | 242                   | 322    | 318  | 277       | 190  | 136                             | 95   | 79   | 41   | 8    | 8    | 8    |      |
| FEB 1                 | 220                   | 300    | 286  | 236       | 168  | 68                              | 55   | 32   | 32   | 23   | 14   |      |      |
| FEB 11                | 220                   | 327    | 318  | 250       | 182  | 136                             | 77   | 45   | 27   | 14   | 5    | 5    |      |
| FEB 21                | 182                   | 258    | 253  | 231       | 143  | 99                              | 49   | 33   | 16   |      |      |      |      |
| MAR 1                 | 220                   | 286    | 282  | 250       | 191  | 114                             | 55   | 32   | 27   | 14   | 14   | 5    |      |
| MAR 11                | 220                   | 300    | 295  | 268       | 186  | 136                             | 91   | 68   | 59   | 14   | 9    |      |      |
| MAR 21                | 242                   | 306    | 302  | 273       | 194  | 99                              | 70   | 41   | 21   | 8    | 4    |      |      |
| APR 1                 | 220                   | 364    | 350  | 300       | 168  | 91                              | 55   | 18   | 5    |      |      |      |      |
| APR 11                | 220                   | 305    | 286  | 250       | 159  | 77                              | 50   | 45   | 27   | 9    | 5    |      |      |
| APR 21                | 220                   | 277    | 255  | 205       | 150  | 100                             | 45   | 36   | 23   | 14   | 5    |      |      |
| MAY 1                 | 220                   | 368    | 332  | 277       | 164  | 105                             | 64   | 36   | 23   | 9    |      |      |      |
| MAY 11                | 220                   | 355    | 332  | 259       | 159  | 91                              | 50   | 27   | 14   |      |      |      |      |
| MAY 21                | 242                   | 355    | 318  | 240       | 153  | 120                             | 79   | 62   | 37   | 21   | 12   |      |      |
| JUN 1                 | 220                   | 345    | 318  | 264       | 173  | 118                             | 73   | 59   | 45   | 9    | 9    | 5    | 5    |
| JUN 11                | 220                   | 350    | 327  | 273       | 182  | 109                             | 77   | 41   | 32   | 9    | 9    |      |      |
| JUN 21                | 220                   | 268    | 236  | 214       | 141  | 95                              | 64   | 32   | 27   | 14   | 14   |      |      |
| JUL 1                 | 220                   | 182    | 141  | 118       | 64   | 45                              | 36   | 23   | 23   | 18   |      |      |      |
| JUL 11                | 219                   | 128    | 110  | 78        | 55   | 37                              | 23   | 18   | 14   | 9    |      |      |      |
| JUL 21                | 242                   | 136    | 103  | 79        | 54   | 33                              | 21   | 21   | 17   | 4    | 4    |      |      |
| AUG 1                 | 220                   | 145    | 118  | 86        | 59   | 32                              | 18   | 5    | 5    | 5    | 5    |      |      |
| AUG 11                | 220                   | 227    | 205  | 182       | 114  | 77                              | 50   | 41   | 32   | 9    | 5    |      |      |
| AUG 21                | 242                   | 231    | 186  | 149       | 66   | 41                              | 21   | 12   | 8    |      |      |      |      |
| SEP 1                 | 220                   | 136    | 118  | 105       | 64   | 45                              | 36   | 32   | 27   | 18   | 9    |      |      |
| SEP 11                | 220                   | 300    | 282  | 223       | 182  | 36                              | 77   | 55   | 23   | 5    |      |      |      |
| SEP 21                | 220                   | 214    | 182  | 155       | 82   | 41                              | 32   | 23   | 23   | 18   |      |      |      |
| OCT 1                 | 219                   | 247    | 224  | 183       | 132  | 82                              | 68   | 41   | 37   | 18   | 9    |      |      |
| OCT 11                | 219                   | 219    | 205  | 169       | 119  | 91                              | 73   | 46   | 27   | 23   | 14   | 5    | 5    |
| OCT 21                | 242                   | 256    | 231  | 215       | 140  | 83                              | 62   | 45   | 17   | 12   |      |      |      |
| NOV 1                 | 220                   | 268    | 250  | 209       | 118  | 73                              | 59   | 41   | 18   | 14   | 9    | 5    | 5    |
| NOV 11                | 220                   | 341    | 323  | 277       | 173  | 123                             | 82   | 64   | 36   | 23   |      |      |      |
| NOV 21                | 220                   | 414    | 405  | 350       | 209  | 150                             | 82   | 55   | 45   | 9    |      |      |      |
| DEC 1                 | 220                   | 359    | 327  | 291       | 182  | 105                             | 86   | 68   | 41   | 27   | 23   |      |      |
| DEC 11                | 220                   | 323    | 323  | 277       | 191  | 95                              | 55   | 41   | 23   | 18   | 9    | 5    |      |
| DEC 21                | 242                   | 384    | 380  | 318       | 211  | 149                             | 91   | 62   | 50   | 29   | 12   | 4    |      |
| MONTH                 |                       |        |      |           |      |                                 |      |      |      |      |      |      |      |
| JAN                   | 682                   | 355    | 345  | 298       | 210  | 145                             | 101  | 73   | 48   | 21   | 13   | 6    | 1    |
| FEB                   | 622                   | 297    | 288  | 240       | 166  | 101                             | 61   | 37   | 26   | 13   | 6    | 2    |      |
| MAR                   | 682                   | 298    | 293  | 264       | 191  | 116                             | 72   | 47   | 35   | 12   | 9    | 1    |      |
| APR                   | 660                   | 315    | 297  | 252       | 159  | 89                              | 50   | 33   | 18   | 8    | 3    |      |      |
| MAY                   | 682                   | 359    | 327  | 258       | 158  | 106                             | 65   | 43   | 25   | 10   | 4    |      |      |
| JUN                   | 660                   | 321    | 294  | 250       | 165  | 108                             | 71   | 44   | 35   | 11   | 11   | 2    | 2    |
| JUL                   | 681                   | 148    | 117  | 91        | 57   | 38                              | 26   | 21   | 18   | 10   | 1    |      |      |
| AUG                   | 682                   | 202    | 170  | 139       | 79   | 50                              | 29   | 19   | 15   | 4    | 3    |      |      |
| SEP                   | 660                   | 217    | 194  | 161       | 109  | 74                              | 48   | 36   | 24   | 14   | 3    |      |      |
| OCT                   | 680                   | 241    | 221  | 190       | 131  | 85                              | 68   | 44   | 26   | 18   | 7    | 1    | 1    |
| NOV                   | 660                   | 341    | 326  | 279       | 167  | 115                             | 74   | 53   | 33   | 15   | 3    | 2    | 2    |
| DEC                   | 682                   | 356    | 345  | 296       | 195  | 117                             | 78   | 57   | 38   | 25   | 15   | 3    |      |

**Table 18**—Monthly and annual (seasonal) snowfall, inches, by individual years; at stations adjacent to western edge of RNR. T denotes trace, amount too small to measure. M denotes amount missing, no estimate made; E, amount partially or wholly estimated

McCall, ID

|                  | Snowfall           |      |       |       |       |       |       |       |      |      |        |
|------------------|--------------------|------|-------|-------|-------|-------|-------|-------|------|------|--------|
| Season           | Sept.              | Oct. | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May  | June | Annual |
|                  | ----- Inches ----- |      |       |       |       |       |       |       |      |      |        |
| 1930-31          | 0.0                | 0.0  | 10.0  | 14.0  | 19.1  | 22.0  | 31.0  | 0.0   | 0.0  | 0.0  | 96.1   |
| 31-32            | 3.0                | T    | 29.0  | 45.0  | 23.0  | 13.0  | 13.0  | T     | .0   | .0   | 126.0  |
| 32-33            | .0                 | 3.0  | 3.0   | 26.5  | 47.0  | 27.0  | 11.0  | 1.0E  | .0   | .0   | 118.5  |
| 33-34            | T                  | T    | 4.0   | 36.5  | 11.0  | 4.0   | 2.0   | T     | .0   | .0   | 57.5   |
| 34-35            | 1.0                | 4.0  | 13.2  | 22.0  | 31.0  | 13.0  | 23.6  | 16.0  | .0   | .0   | 123.8  |
| 35-36            | .0                 | 2.5  | 13.5  | 15.5  | 63.5  | 45.3  | 15.3  | 9.0   | 3.0  | .0   | 167.6  |
| 36-37            | .0                 | 0.0  | T     | 22.0E | 54.0E | 48.0E | 10.0E | 14.0E | .0   | .0   | 148.0  |
| 37-38            | .0                 | 0.0  | 20.0E | 29.0  | 16.3  | 45.0  | 42.5  | 5.0   | 2.5  | .0   | 160.3  |
| 38-39            | .0                 | T    | 20.5  | 19.5  | 31.0  | 35.0  | 30.0  | 1.0   | .0   | .0   | 137.0  |
| 39-40            | .0                 | 4.0  | .0    | 5.0   | 26.0  | 37.0  | 8.0   | 5.0   | .0   | .0   | 85.0   |
| 1940-41          | .0                 | .0   | 20.0  | 17.0  | 33.0  | 23.0  | 5.0   | .0    | 4.0  | .0   | 102.0  |
| 41-42            | .0                 | .0   | .0    | 36.0  | 10.0  | 32.0  | 6.0   | 2.0   | 2.0  | .0   | 88.0   |
| 42-43            | .0                 | 4.0  | 17.0  | 46.0  | 45.0  | 12.0  | 8.0   | .0    | T    | .0   | 132.0  |
| 43-44            | .0                 | 3.2  | 2.0   | 20.0  | 13.2  | 21.0  | 17.2  | 5.0   | .0   | .0   | 81.6   |
| 44-45            | .0                 | .0   | 8.0   | 17.4  | 13.7  | 27.7  | 14.0  | 2.0   | .0   | .0   | 82.8   |
| 45-46            | .0                 | .0   | 40.0E | 33.0E | 24.5  | 32.5  | 12.0E | 5.0E  | .0   | .0   | 147.0  |
| 46-47            | .0                 | 1.0  | 34.0E | 6.5   | 22.0  | 5.0   | 12.0  | .0    | .0   | .0   | 80.5   |
| 47-48            | .0                 | .0   | 16.0E | 23.0  | 16.0E | 22.0  | 27.0  | 15.0  | 2.0  | .0   | 121.0  |
| 48-49            | .0                 | .0   | 23.0  | 47.2  | 16.9  | 50.0E | 2.5E  | .0    | .0   | .0   | 139.6  |
| 49-50            | .0                 | .0   | 8.0E  | 53.8  | 63.0  | 6.6   | 24.0  | .0    | .0   | .0   | 155.4  |
| 1950-51          | .0                 | .0   | 8.0E  | 43.0E | 38.0E | 24.0  | 42.0E | .0    | .0   | .0   | 155.0  |
| 51-52            | .0                 | .0   | 15.0  | 87.0E | 77.0  | 54.5  | 35.0  | 3.0   | .0   | .0   | 271.5  |
| 52-53            | .0                 | .0   | 9.0   | 50.0  | 51.0  | 28.0  | 29.0  | 17.0E | 1.0E | .0   | 185.0  |
| 53-54            | .0                 | .0E  | 11.0  | 31.0  | 89.0  | 22.0E | 15.0  | .0    | .0   | .0   | 168.0  |
| 54-55            | .0                 | .0   | 1.0E  | 34.5E | 43.0  | 31.0  | 27.0  | 39.0E | .0   | .0   | 175.5  |
| 55-56            | .0                 | .0   | 30.0E | 45.0  | 57.0  | 54.0  | 28.0  | M     | .0   | .0   | 214.0+ |
| 56-57            | .0                 | 25.0 | 6.0   | 39.0  | 52.0  | M     | M     | 2.0   | .0   | .0   | M      |
| 57-58            | .0                 | 3.0E | 8.0   | 44.0  | 52.0  | 28.0  | 15.0E | 22.0  | .0   | .0   | 172.0  |
| 58-59            | 2.0                | .0   | 5.0   | 14.0  | 36.5E | 41.0  | 29.0  | 2.5E  | .0   | .0   | 130.0  |
| 59-60            | .0                 | .0   | 7.0E  | 12.0  | 35.0  | 43.0  | 34.0  | .0    | 5.0  | .0   | 136.0  |
| 1960-61          | .0                 | T    | 46.0  | 10.0  | 20.0  | 21.0  | 36.0  | 5.0   | 5.0  | .0   | 143.0  |
| 61-62            | .0                 | 6.0  | 27.0  | 44.0  | 32.0  | 32.0  | 44.0  | 1.0   | .0   | .0   | 186.0  |
| 62-63            | .0                 | .0   | 19.0  | 2.0   | 34.2  | 5.0   | 19.0  | T     | .0   | .0   | 79.2   |
| 63-64            | .0                 | .0   | 21.0  | 25.0E | 65.5  | 7.5   | 59.0  | 15.0  | 5.0  | .0   | 198.0  |
| 64-65            | .0                 | .0   | 20.0  | 66.0E | 84.5  | 18.0  | 5.0   | 17.0  | T    | .0   | 210.5  |
| 65-66            | .0                 | .0   | 7.5E  | 20.0E | 50.5  | 30.0  | 37.0  | 1.0   | 3.0  | .0   | 149.0  |
| 66-67            | .0                 | 7.0E | 18.3  | 44.5  | 69.0  | 23.0  | 45.0  | 27.0  | T    | .0   | 234.8  |
| 67-68            | .0                 | T    | 14.0  | 41.5E | 55.0  | 10.0  | 25.0  | 12.0  | T    | .0   | 157.5  |
| 68-69            | T                  | 1.0E | 28.5  | 63.0  | 79.0  | 40.0  | 13.0  | 4.0   | .0   | .0   | 228.5  |
| 69-70            | .0                 | 3.0E | 3.0E  | 28.0E | 60.0  | 18.0  | 14.0  | 12.0  | 4.0  | .0   | 142.0  |
| 1970-71          | .0                 | 14.5 | 30.0  | 90.0  | 74.5  | 33.0  | 27.0  | 3.0   | .0   | .0   | 272.0  |
| 71-72            | T                  | 3.0  | 28.5  | 60.0  | 38.0  | 20.0  | 7.0   | 10.5  | .0   | .0   | 167.0  |
| 72-73            | .0                 | .0   | 9.5   | 17.0  | 27.0  | 10.0  | 14.0  | 1.5E  | .0   | .0   | 79.0   |
| 73-74            | .0                 | .0   | 70.0  | 47.0  | 35.0  | 44.0  | 34.0  | 8.0   | .0   | .0   | 238.0  |
| 74-75            | .0                 | .0   | 12.5  | 51.0  | 33.0  | 70.0  | 49.0  | 19.0E | 3.0  | .0   | 237.5  |
| 75-76            | .0                 | 11.0 | 36.0  | 15.0  | 50.0  | 35.0  | 24.0  | 5.0   | .0   | .0   | 176.0  |
| 76-77            | .0                 | .0   | T     | 10.5  | 12.0  | 9.0   | 24.0  | 3.0   | .5E  | .0   | 59.0   |
| 77-78            | .0                 | 1.0  | 11.0  | 38.0  | 45.0  | 31.0  | 4.0   | 10.0E | 2.0E | .0   | 142.0  |
| 78-79            | 1.0E               | .0   | 17.5  | 29.0  | 24.0  | 48.0  | 5.0   | 6.0   | 2.0  | .0   | 132.5  |
| 79-80            | .0                 | 1.0E | 15.0  | 27.0  | 21.0  | 18.0  | 24.0  | 5.0   | 2.0  | .0   | 113.0  |
| 1980-81          | .0                 | 1.0  | 8.0   | 28.0  | 18.0  | 10.0  | 5.0   | 9.0   | .0   | .0   | 79.0   |
| 81-82            | .0                 | 1.0E | 14.0  | 28.0  | 50.0  | 17.5  | 30.0  | 12.0  | T    | .0   | 152.5  |
| 82-83            | .0                 | 4.0  | 22.0  | 43.0  | 21.0  | 40.0  | 15.0  | 5.0   | 3.0  | .0   | 153.0  |
| 83-84            | .0                 | .0   | 19.0  | 57.0  | 19.0  | 37.0  | 17.0  | 11.0  | 3.0E | .0   | 163.0  |
| 84-85            | .0                 | 6.0  | 29.0E | 40.5  | 5.0   | 30.5  | 25.0  | 4.0   | 2.0  | .0   | 142.0  |
| 85-86            | .0                 | 4.0  | 25.0E | 12.5  | 26.0  | 35.0  | 5.0E  | 5.0   | .5   | .0   | 113.0  |
| 86-87            | .0                 | .0   | 23.0  | 5.5   | 34.0  | 13.0  | 10.5  | 4.5   | .0   | .0   | 90.5   |
| 10-year averages |                    |      |       |       |       |       |       |       |      |      |        |
| 1931-40          | 0.4                | 1.4  | 11.3  | 23.0  | 32.2  | 28.9  | 18.6  | 5.1   | 0.6  | 0.0  | 122.0  |
| 41-50            | .0                 | .8   | 16.8  | 30.0  | 25.7  | 23.2  | 11.8  | 2.9   | .8   | .0   | 113.0  |
| 51-60            | .2                 | 2.8  | 10.0  | 40.0  | 53.1  | 36.2  | 28.2  | 9.5   | .6   | .0   | 180.5  |
| 61-70            | T                  | 1.7  | 20.4  | 34.4  | 55.0  | 20.5  | 29.8  | 9.4   | 1.7  | .0   | 172.9  |
| 71-80            | .1                 | 3.1  | 23.0  | 38.5  | 36.0  | 31.8  | 21.2  | 7.1   | 1.0  | .0   | 161.6  |
| 30-year averages |                    |      |       |       |       |       |       |       |      |      |        |
| 1931-60          | .2                 | 1.7  | 12.7  | 31.0  | 37.0  | 29.2  | 19.2  | 5.72  | .7   | .0   | 137.4  |
| 41-70            | .1                 | 1.8  | 15.7  | 34.8  | 44.6  | 26.3  | 23.1  | 7.2   | 1.0  | .0   | 154.6  |
| 51-80            | .1                 | 2.5  | 17.8  | 37.6  | 48.0  | 29.2  | 26.3  | 8.6   | 1.1  | .0   | 171.2  |

(con.)

**Table 18 (Con.)**  
**Deadwood Dam, ID<sup>3</sup>**

|                    | Snowfall           |      |       |       |       |       |       |       |      |      |        |
|--------------------|--------------------|------|-------|-------|-------|-------|-------|-------|------|------|--------|
| Season             | Sept.              | Oct. | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May  | June | Annual |
|                    | ----- Inches ----- |      |       |       |       |       |       |       |      |      |        |
| 1930-31            | T                  | T    | 18.0  | M     | 27.4  | M     | M     | 0.0   | T    | 0.0  | M      |
| 31-32              | T                  | 5.0  | 39.0  | 101.0 | 54.0  | 33.5  | 38.5  | 11.0E | T E  | .0   | 282.0  |
| 32-33              | T                  | 1.5  | 13.0  | 57.0  | 97.0  | 63.0  | 10.5  | 8.0   | 4.0  | .0   | 254.0  |
| 33-34              | 1.0                | T    | 3.0   | 78.0  | 7.0   | 5.0   | 3.0E  | 3.0   | .0   | .0   | 100.0  |
| 34-35              | T                  | 9.0  | 28.5  | 42.5  | 39.5  | 11.0  | 27.0  | 21.0  | .0   | .0   | 178.5  |
| 35-36              | .0                 | 12.0 | 14.5  | 29.0  | 65.0  | 83.0  | 27.0  | 9.0E  | .5   | .0   | 240.0  |
| 36-37              | T                  | .8   | 2.0   | 30.0  | 51.0  | 53.0  | 26.0  | 11.0  | T    | T    | 173.8  |
| 37-38              | .0                 | .0   | 26.0E | 38.6  | 42.0  | 56.0  | 68.0  | 7.0E  | 3.0  | .0   | 240.6  |
| 38-39              | .0                 | 1.0  | 24.0E | 24.0  | 36.0  | 33.0  | 33.0  | T     | T    | T    | 151.0  |
| 39-40              | .0                 | 4.0  | .5    | 9.5E  | 40.0  | 67.0  | 23.0E | 1.0   | T    | T    | 145.0  |
| 1940-41            | .0                 | 1.0  | 30.0  | 37.0  | 43.0  | 26.0  | 3.0   | 8.0   | T    | .0   | 148.0  |
| 41-42              | .0                 | 1.0  | 1.0   | 50.0  | 29.0  | 31.0  | 8.0   | 7.0E  | 2.0  | T    | 129.0  |
| 42-43              | T                  | 2.0  | 43.0E | 78.0  | 55.0  | 25.0  | 27.0  | 5.0   | T    | T    | 235.0  |
| 43-44 <sup>4</sup> | .0                 | 13.0 | 9.0   | 16.0  | 15.0  | 28.0  | 27.0  | 15.0  | .5   | T    | 123.5  |
| 44-45              | T                  | T    | 17.0  | 25.0  | 15.0  | 26.0  | 23.0  | 7.0   | T    | T    | 113.0  |
| 45-46              | T                  | 2.0  | 50.0  | 44.0  | 41.0  | 37.0  | 22.0  | 7.0   | T    | T    | 203.0  |
| 46-47              | T                  | T    | 47.0  | 13.2  | 36.0  | 14.5  | 20.0  | 1.0   | .0   | .0   | 131.7  |
| 47-48              | .0                 | T    | 19.0  | 19.0  | 26.5  | 30.5  | 29.5  | 19.5  | 2.0  | .0   | 146.0  |
| 48-49              | .0                 | T    | 31.5  | 81.0  | 20.0  | 96.5  | 3.0   | T     | T    | T    | 232.0  |
| 49-50              | .0                 | 1.0  | 4.5   | 54.0  | 111.0 | 28.5  | 46.0  | 1.4   | .5   | T    | 246.9  |
| 1950-51            | T                  | 1.0  | 14.0  | 36.0  | 56.5  | 27.5  | 48.0  | 1.0   | T    | T    | 184.0  |
| 51-52              | .0                 | 3.0  | 20.5  | 90.5  | 75.5  | 32.0  | 19.5  | 1.0   | 1.0  | T    | 243.0  |
| 52-53              | .0                 | T    | 12.0  | 81.5  | 60.0  | 27.0  | 21.5  | 10.5  | 4.5  | .0   | 217.0  |
| 53-54              | .0                 | .0   | 13.3  | 36.5  | 85.5  | 15.0  | 14.5  | T     | 3.0  | T    | 167.8  |
| 54-55              | T                  | .0   | 1.0   | 35.5  | 25.0  | 35.0  | 35.5  | 22.5  | 2.0  | T    | 156.5  |
| 55-56              | .0                 | 1.0  | 59.7  | 60.9  | 64.5  | 55.5  | 15.6  | 4.3   | T    | .0   | 261.5  |
| 56-57              | .0                 | 52.0 | 12.4  | 26.4  | 54.9  | 48.1  | 43.4  | 6.0   | .0   | .5   | 243.7  |
| 57-58              | .0                 | 5.1  | 14.5  | 86.8  | 52.5  | 32.5  | 36.7  | 36.1  | T    | .0   | 264.2  |
| 58-59              | T                  | T    | 21.0  | 24.1  | 62.7  | 58.1  | 33.1  | 2.9   | .9   | .0   | 202.8  |
| 59-60              | T                  | 1.0  | 5.5   | 18.8  | 44.7  | 52.5  | 32.1  | 7.5   | 6.7  | .0   | 168.8  |
| 1960-61            | .0                 | 2.2  | 46.2  | 18.2  | 11.1  | 27.7  | 34.4  | 3.3   | 10.1 | .0   | 153.2  |
| 61-62              | .2                 | 13.7 | 48.8  | 52.4  | 26.6  | 33.4  | 44.9  | 5.2   | T    | .5   | 225.7  |
| 62-63              | .0                 | 4.5  | 16.5  | 6.1   | 20.6  | 8.1   | 25.1  | 23.2  | 1.5  | T    | 105.6  |
| 63-64              | .0                 | .0   | 1.0   | 26.2  | 27.0  | 81.0  | 7.7   | 59.4  | 15.1 | 2.0  | 219.4  |
| 64-65              | .0                 | .0   | 32.2  | 91.0  | 78.7  | 11.2  | 14.7  | 20.0  | 1.5  | .0   | 249.3  |
| 65-66              | T                  | T    | 22.3  | 48.5  | 60.3  | 25.0  | 29.0  | 2.5   | T    | T    | 187.6  |
| 66-67              | .0                 | 3.5  | 18.5  | 43.1  | 55.0  | 9.6   | 28.5  | 15.8  | 6.0  | .0   | 180.0  |
| 67-68              | .0                 | T    | 11.0  | 38.0  | 52.0  | 15.0  | 11.5  | 1.0   | T    | T    | 128.5  |
| 68-69              | T                  | T    | 31.3  | 80.5  | 97.0  | 45.0  | 12.0  | T     | T    | .0   | 265.8  |
| 69-70              | .0                 | T    | 1.0   | 37.0  | 37.0  | 3.0   | 18.0  | 10.5  | 8.0  | .0   | 114.5  |
| 1970-71            | .0                 | 14.0 | 38.0  | 64.0  | 38.0  | 24.0  | 26.0  | 4.5   | T    | T    | 208.5  |
| 71-72              | 1.5                | 6.0  | 38.0  | 61.0  | 41.0  | 28.5  | 11.5  | 17.0  | T    | .0   | 204.5  |
| 72-73              | T                  | 1.0  | 4.0   | 30.5  | 46.0  | 24.5  | 6.5   | 1.0   | .0   | T    | 113.5  |
| 73-74              | .0                 | .5   | 60.0E | 50.0  | 46.0  | 30.0  | 27.0  | 9.0   | 1.0  | T    | 223.5  |
| 10-year averages   |                    |      |       |       |       |       |       |       |      |      |        |
| 1931-40            | .1                 | 3.3  | 16.9  | 145.5 | 45.9  | 144.9 | 128.4 | 7.1   | .8   | T    | 192.9  |
| 41-50              | T                  | 2.0  | 25.2  | 41.7  | 39.2  | 34.3  | 20.9  | 7.1   | .5   | T    | 170.8  |
| 51-60              | T                  | 6.3  | 17.4  | 49.7  | 58.2  | 38.3  | 30.0  | 9.2   | 1.8  | .1   | 210.9  |
| 61-70              | T                  | 2.4  | 22.9  | 44.1  | 46.5  | 25.9  | 22.6  | 14.1  | 4.2  | .3   | 183.0  |

(con.)

Table 18 (Con.)

Dixie, ID<sup>5</sup>

| Season               | Snowfall           |       |       |      |      |      |      |       |      |      | Annual |
|----------------------|--------------------|-------|-------|------|------|------|------|-------|------|------|--------|
|                      | Sept.              | Oct.  | Nov.  | Dec. | Jan. | Feb. | Mar. | Apr.  | May  | June |        |
|                      | ----- Inches ----- |       |       |      |      |      |      |       |      |      |        |
| 1952-53              | 0.0                | 2.4   | 4.6   | 35.3 | 95.3 | 54.1 | 37.9 | 27.6  | 3.7  | T    | 260.9  |
| 53-54                | T                  | 1.6   | 26.2  | 69.0 | 75.4 | 24.0 | M    | M     | T    | T    | M      |
| 59-60                | T                  | 4.0   | 25.0  | 14.0 | 23.2 | 36.0 | 43.1 | 20.0  | 15.5 | .0   | 180.8  |
| 1960-61 <sup>4</sup> | .0                 | 12.5  | 59.5  | 34.5 | 12.5 | 40.5 | 31.5 | 28.0  | 19.0 | .0   | 238.0  |
| 61-62                | 7.0                | 27.0  | 56.5  | 63.0 | 32.5 | 19.5 | 36.0 | 3.5   | T    | .5   | 245.5  |
| 62-63                | T                  | 7.0   | 18.0  | 14.0 | 41.2 | 10.5 | 39.6 | 24.5  | 4.0  | .0   | 158.8  |
| 63-64                | .0                 | 1.0   | M     | M    | M    | M    | M    | 8.0   | 4.0  | T    | M      |
| 67-68                | T                  | 3.0   | 28.0  | 52.5 | 44.0 | 22.0 | 24.0 | 22.5  | 6.5  | T    | 202.5  |
| 68-69                | 6.0                | 16.0E | 29.5  | 58.5 | 64.5 | 19.3 | 15.5 | 10.0  | 2.5  | .0   | 221.8  |
| 69-70                | .0                 | 16.5E | 7.5   | 29.0 | 70.5 | 23.5 | 41.5 | 34.0  | 1.5  | 1.0  | 225.0  |
| 1970-71              | .5                 | 11.5  | 33.0  | 47.5 | 90.5 | 38.0 | 34.5 | 19.0  | 5.0  | .0   | 279.5  |
| 71-72 <sup>4</sup>   | 2.0                | 7.5   | 47.5  | 70.0 | 86.0 | 64.0 | 35.5 | 29.0  | 2.0  | .0   | 343.6  |
| 72-73                | 3.0                | 2.0   | 24.0  | 38.0 | 21.0 | 10.5 | 25.0 | 14.0  | 2.5  | 2.0  | 142.0  |
| 73-74                | .0                 | 5.5   | 63.5  | 60.0 | 52.5 | 52.0 | 53.5 | 17.0  | 10.0 | 3.5  | 317.5  |
| 74-75                | .0                 | 3.5   | 17.0  | 60.5 | 85.5 | 49.5 | 21.5 | 34.5  | 19.0 | .0   | 291.0  |
| 75-76                | .0                 | 28.5  | 44.5  | 45.5 | 55.0 | 41.0 | 30.5 | 22.0  | 3.0  | 1.5  | 271.5  |
| 76-77                | .0                 | 1.5   | 3.3   | 19.0 | 20.5 | 16.5 | 66.5 | 11.0  | 15.0 | .0   | 153.3  |
| 77-78                | 2.0                | 10.0  | 44.5  | 66.5 | 31.5 | 39.5 | 14.0 | 19.5  | 12.5 | .5   | 240.5  |
| 78-79                | 1.0                | 1.0   | 17.0  | 71.5 | 29.5 | 54.5 | 13.0 | 24.5  | 7.5  | 1.0  | 220.5  |
| 79-80                | .0                 | 6.5   | 23.5  | 21.5 | 34.0 | 19.5 | 35.5 | 9.5   | 12.0 | 6.0  | 168.0  |
| 1980-81              | 1.0E               | 3.0   | 12.0E | 34.1 | 6.0  | 17.8 | 15.0 | 14.8  | 2.0  | .0   | 104.7  |
| 81-82                | .0                 | 7.5E  | 22.0E | 63.6 | 79.2 | 32.8 | 31.6 | 40.0E | 7.5  | .0   | 284.2  |
| 82-83                | .0                 | 17.0  | 20.6  | 46.9 | 29.3 | 24.4 | 25.8 | 13.0  | 14.0 | 1.5  | 192.5  |
| 83-84                | .0                 | 1.0E  | 32.5  | 46.5 | 28.5 | 31.5 | 46.1 | 17.8  | 11.5 | .0   | 215.4  |
| 84-85                | 4.0                | 17.7  | 28.6  | 53.3 | 10.0 | 14.0 | M    | M     | 1.0  | .0   | M      |
| 85-86                | T E                | 10.0E | 34.7  | 8.5  | 26.1 | 46.9 | 22.5 | 16.9  | 12.0 | .0   | 177.6  |
| 86-87                | 2.2                | M     | 36.3  | 6.0  | 18.0 | 17.8 | 17.0 | 10.0E | 1.0  | .0   | 108.3  |

(con.)

Table 18 (Con.)

Warren, ID

|                      | Snowfall           |       |       |      |      |       |      |      |      |      |        |
|----------------------|--------------------|-------|-------|------|------|-------|------|------|------|------|--------|
| Season               | Sept.              | Oct.  | Nov.  | Dec. | Jan. | Feb.  | Mar. | Apr. | May  | June | Annual |
|                      | ----- Inches ----- |       |       |      |      |       |      |      |      |      |        |
| 1959-60              | T E                | 2.5   | 16.2  | 16.7 | 19.5 | 28.9  | 22.9 | 14.4 | 15.1 | 0.0  | 136.2  |
| 1960-61 <sup>4</sup> | .0                 | 3.0   | 41.3  | 16.0 | 7.1  | 17.1  | 28.0 | 12.5 | 20.0 | .0   | 145.0  |
| 61-62                | 2.0                | 16.0  | 35.0  | 30.5 | 23.5 | 14.0  | 16.0 | 7.5  | 1.0  | 2.0  | 147.5  |
| 62-63                | .0                 | 3.7   | 16.2  | 15.5 | 25.3 | 7.0   | 28.0 | 15.5 | 9.0  | 1.0  | 121.2  |
| 63-64                | .0                 | 2.5   | 15.5  | 26.5 | 63.5 | 17.3  | 39.0 | 13.0 | 17.0 | .0   | 194.3  |
| 64-65                | .0                 | .0    | 18.0  | 74.5 | 94.2 | 29.0  | 9.5  | 7.3  | 8.0  | .0   | 240.5  |
| 65-66                | 2.0                | 6.0   | 14.0  | 39.2 | 51.5 | 24.0  | 26.5 | 8.0  | 4.5  | .0   | 175.7  |
| 66-67                | T                  | 18.0  | 29.0  | 41.5 | 67.5 | 25.0  | 63.0 | 45.5 | T    | T    | 289.5  |
| 67-68                | 1.0                | 2.0   | 12.0  | 59.0 | 45.0 | 11.0  | 24.0 | 33.0 | 10.0 | T    | 197.0  |
| 68-69                | 7.0                | 6.0   | 36.0  | 39.0 | 57.0 | 24.5  | 12.5 | 10.0 | T    | T    | 192.0  |
| 69-70                | .0                 | 16.5  | 7.0   | 26.0 | 47.0 | 18.5  | 41.0 | 15.0 | 2.0  | 8.0  | 181.0  |
| 1970-71              | 1.0                | 29.0  | 30.0  | 70.5 | 67.0 | 34.0  | 45.5 | 27.0 | 2.0  | .0   | 306.0  |
| 71-72                | 3.0                | 7.4   | 23.5  | 51.5 | 48.0 | 39.0  | 22.0 | 22.5 | 3.5  | .0   | 220.4  |
| 72-73                | .0                 | 3.0   | 20.5  | 16.5 | 18.5 | 10.0  | 32.5 | 13.0 | .0   | 5.0  | 119.0  |
| 73-74                | .0                 | 7.0   | 57.0  | 40.0 | 39.0 | 42.7  | 52.5 | 17.5 | 2.0  | 2.0  | 259.7  |
| 74-75 <sup>4</sup>   | .0                 | 5.0   | 16.5  | 53.5 | 73.2 | 55.5  | 25.5 | 26.0 | 13.5 | T    | 268.7  |
| 75-76                | .0                 | 15.0E | 45.0  | 27.5 | 36.5 | 33.5  | 32.0 | 24.0 | .0   | 3.0  | 216.5  |
| 76-77 <sup>4</sup>   | .0                 | 1.0   | 4.5   | 10.0 | 18.5 | 15.0  | 59.0 | 5.0  | 9.5  | .0   | 122.5  |
| 77-78                | 1.5                | 5.5   | 23.0  | 51.0 | 31.5 | 25.5  | 12.0 | 24.5 | 7.5  | .0   | 182.0  |
| 78-79                | 2.0                | 1.5   | 14.5  | 48.5 | 13.5 | 45.0  | 7.0  | 13.0 | 6.0  | T    | 151.0  |
| 79-80                | .0                 | 3.0E  | 9.0   | 11.5 | 31.0 | 13.8  | 56.5 | 13.2 | 9.5  | .0   | 147.5  |
| 1980-81              | .0                 | 10.5  | 5.0E  | 22.5 | 10.0 | 12.0  | 15.7 | 11.4 | 5.9  | .0   | 93.0   |
| 81-82                | 1.5                | 12.0  | 34.0  | 25.5 | 59.0 | 24.0  | 32.5 | 33.0 | 6.2  | .0   | 227.7  |
| 82-83                | .0                 | 5.0   | 25.2  | 46.0 | 18.5 | 15.7  | 34.7 | 5.5  | 9.9  | .0   | 160.5  |
| 83-84                | .0                 | .0    | 27.0E | 37.0 | 25.5 | 29.0  | M    | 17.5 | 14.5 |      | M      |
| 84-85                | T                  | 16.1  | 29.6  | 43.3 | 7.5  | 29.0  | 27.5 | 6.0E | 6.5E | .0   | 165.5  |
| 85-86                | .3                 | 7.8   | 19.6  | 11.0 | 27.8 | 40.0E | 9.0  | 8.0  | .5   | .0   | 124.0  |
| 86-87                | .5                 | M     | 25.5  | 3.0  | 13.0 | 9.5   | 13.0 | 6.0  | .0   | .0   | 70.5+  |
| 10-year averages     |                    |       |       |      |      |       |      |      |      |      |        |
| 1961-70              | 1.2                | 7.4   | 22.4  | 36.8 | 48.2 | 18.7  | 28.8 | 16.7 | 7.2  | 1.1  | 188.4  |
| 71-80                | 0.8                | 7.7   | 24.4  | 38.1 | 37.7 | 31.4  | 34.5 | 18.6 | 5.4  | 1.0  | 199.3  |

<sup>1</sup>Average for 9 years.<sup>2</sup>Average for 29 years.<sup>3</sup>Station known as Deadwood, at nearby site, prior to May 1940; snowfall amounts apparently not compatible (relatively high at former location).<sup>4</sup>Trace snowfall in August.<sup>5</sup>Snowfall not measured during 1954-59 and 1964-67.

**Table 19**—Observed frequencies of daily snowfall amounts, inches, for indicated periods of record

|                       |       | SNOWFALL - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES)  |     |     |     |     |    |    |    |    |    |           |
|-----------------------|-------|---------------------------------------------------------|-----|-----|-----|-----|----|----|----|----|----|-----------|
|                       |       | - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED |     |     |     |     |    |    |    |    |    |           |
| STATION NUMBER 100835 |       | BIG CREEK 1 S                                           |     |     |     |     |    |    |    |    |    | 1949-1967 |
| PERIOD                | TOTAL | AMOUNT EQUAL TO OR GREATER THAN                         |     |     |     |     |    |    |    |    |    |           |
| BEGINS                | DAYS  | 0.5                                                     | 1   | 2   | 4   | 6   | 8  | 10 | 12 | 16 | 20 | 24        |
| JAN 1                 | 160   | 413                                                     | 375 | 263 | 113 | 56  | 6  | 6  | 6  |    |    |           |
| JAN 11                | 160   | 438                                                     | 425 | 306 | 150 | 100 | 44 | 25 | 25 | 6  |    |           |
| JAN 21                | 176   | 438                                                     | 432 | 216 | 97  | 74  | 28 | 23 | 11 | 6  |    |           |
| FEB 1                 | 178   | 303                                                     | 287 | 180 | 90  | 45  | 22 | 17 | 17 |    |    |           |
| FEB 11                | 170   | 406                                                     | 388 | 224 | 88  | 47  | 18 | 12 | 12 | 6  |    |           |
| FEB 21                | 145   | 283                                                     | 248 | 166 | 41  | 7   |    |    |    |    |    |           |
| MAR 1                 | 170   | 353                                                     | 347 | 224 | 112 | 47  | 24 | 12 |    |    |    |           |
| MAR 11                | 170   | 341                                                     | 312 | 194 | 94  | 35  |    |    |    |    |    |           |
| MAR 21                | 187   | 305                                                     | 294 | 198 | 80  | 37  | 11 | 5  |    |    |    |           |
| APR 1                 | 180   | 200                                                     | 183 | 89  | 17  | 6   | 6  | 6  | 6  |    |    |           |
| APR 11                | 180   | 211                                                     | 211 | 139 | 50  | 17  | 11 | 6  | 6  |    |    |           |
| APR 21                | 180   | 128                                                     | 128 | 89  | 17  | 11  |    |    |    |    |    |           |
| MAY 1                 | 180   | 117                                                     | 111 | 72  | 11  |     |    |    |    |    |    |           |
| MAY 11                | 180   | 56                                                      | 50  | 28  | 6   | 6   |    |    |    |    |    |           |
| MAY 21                | 198   | 40                                                      | 35  | 20  | 5   |     |    |    |    |    |    |           |
| JUN 1                 | 180   | 11                                                      | 11  | 11  |     |     |    |    |    |    |    |           |
| JUN 11                | 180   | 6                                                       | 6   |     |     |     |    |    |    |    |    |           |
| JUN 21                | 180   | 17                                                      | 17  | 11  |     |     |    |    |    |    |    |           |
| JUL 1                 | 180   | 6                                                       | 6   |     |     |     |    |    |    |    |    |           |
| JUL 11                | 180   |                                                         |     |     |     |     |    |    |    |    |    |           |
| JUL 21                | 198   |                                                         |     |     |     |     |    |    |    |    |    |           |
| AUG 1                 | 190   |                                                         |     |     |     |     |    |    |    |    |    |           |
| AUG 11                | 190   |                                                         |     |     |     |     |    |    |    |    |    |           |
| AUG 21                | 208   |                                                         |     |     |     |     |    |    |    |    |    |           |
| SEP 1                 | 170   |                                                         |     |     |     |     |    |    |    |    |    |           |
| SEP 11                | 170   |                                                         |     |     |     |     |    |    |    |    |    |           |
| SEP 21                | 170   | 18                                                      | 18  | 12  |     |     |    |    |    |    |    |           |
| OCT 1                 | 160   | 56                                                      | 31  | 6   |     |     |    |    |    |    |    |           |
| OCT 11                | 160   | 50                                                      | 50  | 31  | 13  |     |    |    |    |    |    |           |
| OCT 21                | 176   | 136                                                     | 119 | 68  | 34  | 11  |    |    |    |    |    |           |
| NOV 1                 | 170   | 100                                                     | 94  | 53  | 12  | 12  |    |    |    |    |    |           |
| NOV 11                | 170   | 259                                                     | 241 | 165 | 47  | 24  | 12 | 6  |    |    |    |           |
| NOV 21                | 170   | 329                                                     | 300 | 194 | 71  | 35  |    |    |    |    |    |           |
| DEC 1                 | 170   | 459                                                     | 435 | 259 | 94  | 47  | 24 | 18 | 12 |    |    |           |
| DEC 11                | 163   | 356                                                     | 319 | 245 | 98  | 61  | 25 | 12 | 6  | 6  |    |           |
| DEC 21                | 176   | 403                                                     | 375 | 267 | 119 | 63  | 34 | 23 | 6  |    |    |           |
| MONTH                 |       |                                                         |     |     |     |     |    |    |    |    |    |           |
| JAN                   | 496   | 429                                                     | 411 | 260 | 119 | 77  | 26 | 18 | 14 | 4  |    |           |
| FEB                   | 493   | 333                                                     | 310 | 191 | 75  | 34  | 14 | 10 | 10 | 2  |    |           |
| MAR                   | 527   | 332                                                     | 317 | 205 | 95  | 40  | 11 | 6  |    |    |    |           |
| APR                   | 540   | 180                                                     | 174 | 106 | 28  | 11  | 6  | 4  | 4  |    |    |           |
| MAY                   | 558   | 70                                                      | 65  | 39  | 7   | 2   |    |    |    |    |    |           |
| JUN                   | 540   | 11                                                      | 11  | 7   |     |     |    |    |    |    |    |           |
| JUL                   | 558   | 2                                                       | 2   |     |     |     |    |    |    |    |    |           |
| AUG                   | 588   |                                                         |     |     |     |     |    |    |    |    |    |           |
| SEP                   | 510   | 6                                                       | 6   | 4   |     |     |    |    |    |    |    |           |
| OCT                   | 496   | 83                                                      | 69  | 36  | 16  | 4   |    |    |    |    |    |           |
| NOV                   | 510   | 229                                                     | 212 | 137 | 43  | 24  | 4  | 2  |    |    |    |           |
| DEC                   | 509   | 407                                                     | 377 | 257 | 104 | 57  | 28 | 18 | 8  | 2  |    |           |

(con.)

Table 19 (Con.)

SNOWFALL - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES)  
 - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 101932 | COBALT |     | 1962-1981                       |    |    |    |    |    |    |    |
|----------------|-------|--------|--------|-----|---------------------------------|----|----|----|----|----|----|----|
| PERIOD         | TOTAL |        |        |     | AMOUNT EQUAL TO OR GREATER THAN |    |    |    |    |    |    |    |
| BEGINS         | DAYS  | 0.5    | 1      | 2   | 4                               | 6  | 8  | 10 | 12 | 16 | 20 | 24 |
| JAN 1          | 159   | 346    | 277    | 182 | 69                              | 38 | 25 | 6  |    |    |    |    |
| JAN 11         | 160   | 288    | 250    | 119 | 31                              | 13 |    |    |    |    |    |    |
| JAN 21         | 176   | 273    | 199    | 108 | 17                              | 11 | 6  |    |    |    |    |    |
| FEB 1          | 180   | 178    | 133    | 78  | 17                              |    |    |    |    |    |    |    |
| FEB 11         | 180   | 217    | 172    | 106 | 28                              |    |    |    |    |    |    |    |
| FEB 21         | 148   | 142    | 115    | 101 | 20                              |    |    |    |    |    |    |    |
| MAR 1          | 170   | 194    | 147    | 106 | 35                              |    |    |    |    |    |    |    |
| MAR 11         | 170   | 206    | 176    | 76  | 35                              | 6  |    |    |    |    |    |    |
| MAR 21         | 187   | 155    | 128    | 59  | 16                              | 5  |    |    |    |    |    |    |
| APR 1          | 160   | 169    | 144    | 75  | 38                              | 13 |    |    |    |    |    |    |
| APR 11         | 160   | 75     | 38     | 19  | 13                              |    |    |    |    |    |    |    |
| APR 21         | 160   | 106    | 88     | 44  | 38                              | 19 | 6  | 6  | 6  | 6  |    |    |
| MAY 1          | 180   | 44     | 33     | 22  |                                 |    |    |    |    |    |    |    |
| MAY 11         | 174   | 11     | 6      |     |                                 |    |    |    |    |    |    |    |
| MAY 21         | 198   | 15     | 10     | 10  |                                 |    |    |    |    |    |    |    |
| JUN 1          | 180   |        |        |     |                                 |    |    |    |    |    |    |    |
| JUN 11         | 180   | 6      | 6      |     |                                 |    |    |    |    |    |    |    |
| JUN 21         | 180   |        |        |     |                                 |    |    |    |    |    |    |    |
| JUL 1          | 180   |        |        |     |                                 |    |    |    |    |    |    |    |
| JUL 11         | 180   |        |        |     |                                 |    |    |    |    |    |    |    |
| JUL 21         | 198   |        |        |     |                                 |    |    |    |    |    |    |    |
| AUG 1          | 180   |        |        |     |                                 |    |    |    |    |    |    |    |
| AUG 11         | 180   |        |        |     |                                 |    |    |    |    |    |    |    |
| AUG 21         | 198   |        |        |     |                                 |    |    |    |    |    |    |    |
| SEP 1          | 190   |        |        |     |                                 |    |    |    |    |    |    |    |
| SEP 11         | 190   | 21     | 11     | 11  | 5                               |    |    |    |    |    |    |    |
| SEP 21         | 190   | 11     | 11     |     |                                 |    |    |    |    |    |    |    |
| OCT 1          | 190   | 16     | 11     |     |                                 |    |    |    |    |    |    |    |
| OCT 11         | 190   | 21     | 16     | 5   |                                 |    |    |    |    |    |    |    |
| OCT 21         | 209   | 77     | 57     | 33  |                                 |    |    |    |    |    |    |    |
| NOV 1          | 171   | 117    | 82     | 41  | 6                               | 6  |    |    |    |    |    |    |
| NOV 11         | 169   | 136    | 95     | 30  | 6                               |    |    |    |    |    |    |    |
| NOV 21         | 170   | 288    | 224    | 129 | 29                              |    |    |    |    |    |    |    |
| DEC 1          | 149   | 302    | 235    | 134 | 27                              | 20 |    |    |    |    |    |    |
| DEC 11         | 150   | 240    | 160    | 93  | 27                              |    |    |    |    |    |    |    |
| DEC 21         | 165   | 297    | 230    | 127 | 42                              | 18 |    |    |    |    |    |    |
| MONTH          |       |        |        |     |                                 |    |    |    |    |    |    |    |
| JAN            | 495   | 301    | 240    | 135 | 38                              | 20 | 10 | 2  |    |    |    |    |
| FEB            | 508   | 181    | 142    | 94  | 22                              |    |    |    |    |    |    |    |
| MAR            | 527   | 184    | 150    | 80  | 28                              | 4  |    |    |    |    |    |    |
| APR            | 480   | 117    | 90     | 46  | 29                              | 10 | 2  | 2  | 2  | 2  |    |    |
| MAY            | 552   | 24     | 16     | 11  |                                 |    |    |    |    |    |    |    |
| JUN            | 540   | 2      | 2      |     |                                 |    |    |    |    |    |    |    |
| JUL            | 558   |        |        |     |                                 |    |    |    |    |    |    |    |
| AUG            | 558   |        |        |     |                                 |    |    |    |    |    |    |    |
| SEP            | 570   | 11     | 7      | 4   | 2                               |    |    |    |    |    |    |    |
| OCT            | 589   | 39     | 29     | 14  |                                 |    |    |    |    |    |    |    |
| NOV            | 510   | 180    | 133    | 67  | 14                              | 2  |    |    |    |    |    |    |
| DEC            | 464   | 280    | 209    | 119 | 32                              | 13 |    |    |    |    |    |    |

Table 19 (Con.)

| SNOWFALL - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES)  |                       |       |     |     |                                 |    |    |    |    |    |    |           |
|---------------------------------------------------------|-----------------------|-------|-----|-----|---------------------------------|----|----|----|----|----|----|-----------|
| - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED |                       |       |     |     |                                 |    |    |    |    |    |    |           |
| STATION NUMBER 102575                                   |                       | DIXIE |     |     |                                 |    |    |    |    |    |    | 1962-1981 |
| PERIOD<br>BEGINS                                        | TOTAL<br>NUM.<br>DAYS | 0.5   | 1   | 2   | AMOUNT EQUAL TO OR GREATER THAN |    |    |    |    |    |    |           |
|                                                         |                       |       |     |     | 4                               | 6  | 8  | 10 | 12 | 16 | 20 | 24        |
| JAN 1                                                   | 159                   | 535   | 440 | 277 | 145                             | 57 | 19 | 19 |    |    |    |           |
| JAN 11                                                  | 160                   | 581   | 525 | 381 | 181                             | 81 | 38 | 25 | 13 |    |    |           |
| JAN 21                                                  | 176                   | 438   | 369 | 250 | 142                             | 74 | 40 | 6  | 6  |    |    |           |
| FEB 1                                                   | 160                   | 350   | 331 | 238 | 119                             | 38 | 25 | 19 | 6  |    |    |           |
| FEB 11                                                  | 160                   | 475   | 375 | 256 | 100                             | 56 | 6  | 6  |    |    |    |           |
| FEB 21                                                  | 132                   | 447   | 364 | 205 | 98                              | 15 |    |    |    |    |    |           |
| MAR 1                                                   | 160                   | 400   | 319 | 200 | 100                             | 63 | 31 | 13 | 13 |    |    |           |
| MAR 11                                                  | 160                   | 406   | 338 | 163 | 69                              | 25 | 13 | 13 | 6  |    |    |           |
| MAR 21                                                  | 176                   | 420   | 364 | 222 | 80                              | 34 | 6  |    |    |    |    |           |
| APR 1                                                   | 180                   | 339   | 300 | 172 | 56                              | 11 |    |    |    |    |    |           |
| APR 11                                                  | 180                   | 261   | 206 | 144 | 28                              |    |    |    |    |    |    |           |
| APR 21                                                  | 180                   | 250   | 200 | 133 | 61                              | 11 | 6  |    |    |    |    |           |
| MAY 1                                                   | 180                   | 144   | 106 | 61  | 22                              | 11 |    |    |    |    |    |           |
| MAY 11                                                  | 180                   | 89    | 72  | 39  | 6                               |    |    |    |    |    |    |           |
| MAY 21                                                  | 198                   | 71    | 56  | 40  | 20                              | 5  |    |    |    |    |    |           |
| JUN 1                                                   | 180                   | 33    | 28  | 17  |                                 |    |    |    |    |    |    |           |
| JUN 11                                                  | 180                   | 17    | 17  |     |                                 |    |    |    |    |    |    |           |
| JUN 21                                                  | 180                   | 6     | 6   |     |                                 |    |    |    |    |    |    |           |
| JUL 1                                                   | 180                   |       |     |     |                                 |    |    |    |    |    |    |           |
| JUL 11                                                  | 180                   |       |     |     |                                 |    |    |    |    |    |    |           |
| JUL 21                                                  | 198                   |       |     |     |                                 |    |    |    |    |    |    |           |
| AUG 1                                                   | 180                   |       |     |     |                                 |    |    |    |    |    |    |           |
| AUG 11                                                  | 180                   |       |     |     |                                 |    |    |    |    |    |    |           |
| AUG 21                                                  | 198                   |       |     |     |                                 |    |    |    |    |    |    |           |
| SEP 1                                                   | 190                   |       |     |     |                                 |    |    |    |    |    |    |           |
| SEP 11                                                  | 190                   | 5     | 5   |     |                                 |    |    |    |    |    |    |           |
| SEP 21                                                  | 190                   | 53    | 47  | 16  | 5                               |    |    |    |    |    |    |           |
| OCT 1                                                   | 190                   | 42    | 32  | 26  | 11                              |    |    |    |    |    |    |           |
| OCT 11                                                  | 190                   | 53    | 42  | 37  | 16                              |    |    |    |    |    |    |           |
| OCT 21                                                  | 209                   | 191   | 167 | 91  | 33                              | 14 | 5  |    |    |    |    |           |
| NOV 1                                                   | 171                   | 251   | 205 | 88  | 35                              | 6  | 6  |    |    |    |    |           |
| NOV 11                                                  | 160                   | 363   | 269 | 144 | 63                              | 19 |    |    |    |    |    |           |
| NOV 21                                                  | 160                   | 456   | 425 | 306 | 188                             | 69 | 25 | 19 | 6  |    |    |           |
| DEC 1                                                   | 160                   | 513   | 450 | 319 | 156                             | 81 | 44 | 19 |    |    |    |           |
| DEC 11                                                  | 160                   | 506   | 438 | 281 | 119                             | 25 | 13 | 13 |    |    |    |           |
| DEC 21                                                  | 176                   | 585   | 511 | 364 | 170                             | 51 | 28 | 11 |    |    |    |           |
| MONTH                                                   |                       |       |     |     |                                 |    |    |    |    |    |    |           |
| JAN                                                     | 495                   | 515   | 442 | 301 | 156                             | 71 | 32 | 16 | 6  |    |    |           |
| FEB                                                     | 452                   | 423   | 356 | 235 | 106                             | 38 | 11 | 9  | 2  |    |    |           |
| MAR                                                     | 496                   | 409   | 341 | 196 | 83                              | 40 | 16 | 8  | 6  |    |    |           |
| APR                                                     | 540                   | 283   | 235 | 150 | 48                              | 7  | 2  |    |    |    |    |           |
| MAY                                                     | 558                   | 100   | 77  | 47  | 16                              | 5  |    |    |    |    |    |           |
| JUN                                                     | 540                   | 19    | 17  | 6   |                                 |    |    |    |    |    |    |           |
| JUL                                                     | 558                   |       |     |     |                                 |    |    |    |    |    |    |           |
| AUG                                                     | 558                   |       |     |     |                                 |    |    |    |    |    |    |           |
| SEP                                                     | 570                   | 19    | 18  | 5   | 2                               |    |    |    |    |    |    |           |
| OCT                                                     | 589                   | 98    | 83  | 53  | 20                              | 5  | 2  |    |    |    |    |           |
| NOV                                                     | 491                   | 354   | 297 | 177 | 94                              | 31 | 10 | 6  | 2  |    |    |           |
| DEC                                                     | 496                   | 536   | 468 | 323 | 149                             | 52 | 28 | 14 |    |    |    |           |

(con.)

Table 19 (Con.)

SNOWFALL - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES)  
 - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 105708 MC CALL |                       |     | 1951-1980 |     |                                 |    |    |    |    |    |    |    |
|-------------------------------|-----------------------|-----|-----------|-----|---------------------------------|----|----|----|----|----|----|----|
| PERIOD<br>BEGINS              | TOTAL<br>NUM.<br>DAYS | 0.5 | 1         | 2   | AMOUNT EQUAL TO OR GREATER THAN |    |    |    |    |    |    |    |
|                               |                       |     |           |     | 4                               | 6  | 8  | 10 | 12 | 16 | 20 | 24 |
| JAN 1                         | 292                   | 387 | 384       | 301 | 175                             | 89 | 45 | 34 | 14 | 7  |    |    |
| JAN 11                        | 289                   | 412 | 408       | 349 | 180                             | 87 | 48 | 14 | 10 | 3  | 3  |    |
| JAN 21                        | 319                   | 386 | 386       | 310 | 154                             | 78 | 34 | 13 | 6  | 6  | 3  |    |
| FEB 1                         | 290                   | 307 | 307       | 255 | 124                             | 55 | 10 | 3  | 3  |    |    |    |
| FEB 11                        | 290                   | 341 | 338       | 286 | 117                             | 41 | 17 | 10 | 3  |    |    |    |
| FEB 21                        | 231                   | 268 | 268       | 190 | 95                              | 39 | 9  | 4  |    |    |    |    |
| MAR 1                         | 280                   | 275 | 275       | 236 | 111                             | 43 | 25 | 11 | 7  |    |    |    |
| MAR 11                        | 280                   | 268 | 268       | 214 | 93                              | 36 | 14 | 7  | 4  |    |    |    |
| MAR 21                        | 308                   | 205 | 205       | 166 | 68                              | 29 | 10 | 3  | 3  | 3  | 3  |    |
| APR 1                         | 289                   | 149 | 149       | 100 | 31                              | 3  |    |    |    |    |    |    |
| APR 11                        | 288                   | 101 | 87        | 59  | 38                              | 10 | 3  | 3  |    |    |    |    |
| APR 21                        | 290                   | 79  | 72        | 59  | 21                              | 10 |    |    |    |    |    |    |
| MAY 1                         | 290                   | 34  | 31        | 17  | 3                               |    |    |    |    |    |    |    |
| MAY 11                        | 290                   | 10  | 10        | 7   |                                 |    |    |    |    |    |    |    |
| MAY 21                        | 319                   | 9   | 9         | 3   | 3                               |    |    |    |    |    |    |    |
| JUN 1                         | 289                   |     |           |     |                                 |    |    |    |    |    |    |    |
| JUN 11                        | 289                   |     |           |     |                                 |    |    |    |    |    |    |    |
| JUN 21                        | 290                   |     |           |     |                                 |    |    |    |    |    |    |    |
| JUL 1                         | 290                   |     |           |     |                                 |    |    |    |    |    |    |    |
| JUL 11                        | 290                   |     |           |     |                                 |    |    |    |    |    |    |    |
| JUL 21                        | 318                   |     |           |     |                                 |    |    |    |    |    |    |    |
| AUG 1                         | 300                   |     |           |     |                                 |    |    |    |    |    |    |    |
| AUG 11                        | 300                   |     |           |     |                                 |    |    |    |    |    |    |    |
| AUG 21                        | 329                   |     |           |     |                                 |    |    |    |    |    |    |    |
| SEP 1                         | 300                   |     |           |     |                                 |    |    |    |    |    |    |    |
| SEP 11                        | 300                   | 3   | 3         |     |                                 |    |    |    |    |    |    |    |
| SEP 21                        | 300                   | 7   | 7         | 7   | 3                               |    |    |    |    |    |    |    |
| OCT 1                         | 300                   | 10  | 10        | 3   |                                 |    |    |    |    |    |    |    |
| OCT 11                        | 300                   | 10  | 10        | 3   |                                 |    |    |    |    |    |    |    |
| OCT 21                        | 329                   | 67  | 67        | 40  | 24                              | 9  | 3  | 3  | 3  |    |    |    |
| NOV 1                         | 300                   | 60  | 60        | 40  | 27                              | 20 | 7  | 3  | 3  |    |    |    |
| NOV 11                        | 300                   | 197 | 193       | 130 | 73                              | 30 | 3  |    |    |    |    |    |
| NOV 21                        | 300                   | 263 | 260       | 200 | 117                             | 60 | 10 | 3  |    |    |    |    |
| DEC 1                         | 280                   | 318 | 314       | 250 | 118                             | 64 | 32 | 14 | 11 | 4  | 4  |    |
| DEC 11                        | 279                   | 297 | 290       | 233 | 108                             | 50 | 22 | 14 | 7  |    |    |    |
| DEC 21                        | 305                   | 361 | 351       | 295 | 167                             | 89 | 33 | 23 | 7  |    |    |    |
| MONTH                         |                       |     |           |     |                                 |    |    |    |    |    |    |    |
| JAN                           | 900                   | 394 | 392       | 320 | 169                             | 84 | 42 | 20 | 10 | 6  | 2  |    |
| FEB                           | 811                   | 308 | 307       | 248 | 113                             | 46 | 12 | 6  | 2  |    |    |    |
| MAR                           | 868                   | 248 | 248       | 204 | 90                              | 36 | 16 | 7  | 5  | 1  | 1  |    |
| APR                           | 867                   | 110 | 103       | 73  | 30                              | 8  | 1  | 1  |    |    |    |    |
| MAY                           | 899                   | 18  | 17        | 9   | 2                               |    |    |    |    |    |    |    |
| JUN                           | 868                   |     |           |     |                                 |    |    |    |    |    |    |    |
| JUL                           | 898                   |     |           |     |                                 |    |    |    |    |    |    |    |
| AUG                           | 929                   |     |           |     |                                 |    |    |    |    |    |    |    |
| SEP                           | 900                   | 3   | 3         | 2   | 1                               |    |    |    |    |    |    |    |
| OCT                           | 929                   | 30  | 30        | 16  | 9                               | 3  | 1  | 1  | 1  |    |    |    |
| NOV                           | 900                   | 173 | 171       | 123 | 72                              | 37 | 7  | 2  | 1  |    |    |    |
| DEC                           | 864                   | 326 | 319       | 260 | 132                             | 68 | 29 | 17 | 8  | 1  | 1  |    |

(con.)

Table 19 (Con.)

|                  |                       | SNOWFALL - PERCENT FREQUENCY OF DAILY AMOUNTS (INCHES)  |       |     |                                 |    |   |    |    |    |    |           |
|------------------|-----------------------|---------------------------------------------------------|-------|-----|---------------------------------|----|---|----|----|----|----|-----------|
|                  |                       | - GIVEN TO NEAREST TENTH PERCENT, DECIMAL POINT OMITTED |       |     |                                 |    |   |    |    |    |    |           |
| STATION NUMBER   |                       | 108395                                                  | SHOUP |     |                                 |    |   |    |    |    |    | 1966-1981 |
| PERIOD<br>BEGINS | TOTAL<br>NUM.<br>DAYS | 0.5                                                     | 1     | 2   | AMOUNT EQUAL TO OR GREATER THAN |    |   |    |    |    |    |           |
|                  |                       |                                                         |       |     | 4                               | 6  | 8 | 10 | 12 | 16 | 20 | 24        |
| JAN 1            | 150                   | 287                                                     | 220   | 120 | 47                              | 20 |   |    |    |    |    |           |
| JAN 11           | 150                   | 247                                                     | 207   | 113 | 20                              | 7  | 7 |    |    |    |    |           |
| JAN 21           | 164                   | 159                                                     | 128   | 67  | 6                               |    |   |    |    |    |    |           |
| FEB 1            | 150                   | 140                                                     | 120   | 60  | 13                              |    |   |    |    |    |    |           |
| FEB 11           | 150                   | 120                                                     | 120   | 87  | 7                               |    |   |    |    |    |    |           |
| FEB 21           | 124                   | 65                                                      | 32    | 16  |                                 |    |   |    |    |    |    |           |
| MAR 1            | 140                   | 57                                                      | 57    | 14  | 14                              | 14 |   |    |    |    |    |           |
| MAR 11           | 140                   | 14                                                      | 14    |     |                                 |    |   |    |    |    |    |           |
| MAR 21           | 154                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| APR 1            | 139                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| APR 11           | 140                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| APR 21           | 140                   | 7                                                       | 7     | 7   |                                 |    |   |    |    |    |    |           |
| MAY 1            | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| MAY 11           | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| MAY 21           | 165                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| JUN 1            | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| JUN 11           | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| JUN 21           | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| JUL 1            | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| JUL 11           | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| JUL 21           | 165                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| AUG 1            | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| AUG 11           | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| AUG 21           | 165                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| SEP 1            | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| SEP 11           | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| SEP 21           | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| OCT 1            | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| OCT 11           | 150                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| OCT 21           | 162                   | 6                                                       | 6     |     |                                 |    |   |    |    |    |    |           |
| NOV 1            | 150                   | 27                                                      | 13    |     |                                 |    |   |    |    |    |    |           |
| NOV 11           | 150                   | 20                                                      | 20    | 7   |                                 |    |   |    |    |    |    |           |
| NOV 21           | 150                   | 233                                                     | 180   | 73  | 33                              | 7  | 7 |    |    |    |    |           |
| DEC 1            | 139                   | 245                                                     | 194   | 101 | 50                              | 43 |   |    |    |    |    |           |
| DEC 11           | 140                   | 271                                                     | 221   | 86  | 29                              | 7  |   |    |    |    |    |           |
| DEC 21           | 154                   | 279                                                     | 247   | 162 | 45                              | 13 |   |    |    |    |    |           |
| MONTH            |                       |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| JAN              | 464                   | 228                                                     | 183   | 99  | 24                              | 9  | 2 |    |    |    |    |           |
| FEB              | 424                   | 111                                                     | 94    | 57  | 7                               |    |   |    |    |    |    |           |
| MAR              | 434                   | 23                                                      | 23    | 5   | 5                               | 5  |   |    |    |    |    |           |
| APR              | 419                   | 2                                                       | 2     | 2   |                                 |    |   |    |    |    |    |           |
| MAY              | 465                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| JUN              | 450                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| JUL              | 465                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| AUG              | 465                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| SEP              | 450                   |                                                         |       |     |                                 |    |   |    |    |    |    |           |
| OCT              | 462                   | 2                                                       | 2     |     |                                 |    |   |    |    |    |    |           |
| NOV              | 450                   | 93                                                      | 71    | 27  | 11                              | 2  | 2 |    |    |    |    |           |
| DEC              | 433                   | 266                                                     | 222   | 118 | 42                              | 21 |   |    |    |    |    |           |

(con.)

Table 19 (Con.)

| STATION NUMBER |       | 109560 | WARREN |     |     |    |    |    |    |    |    |    | 1960-1981 |  |
|----------------|-------|--------|--------|-----|-----|----|----|----|----|----|----|----|-----------|--|
| PERIOD         | TOTAL |        |        |     |     |    |    |    |    |    |    |    |           |  |
| BEGINS         | NUM.  | 0.5    | 1      | 2   | 4   | 6  | 8  | 10 | 12 | 16 | 20 | 24 |           |  |
| DAYS           | DAYS  |        |        |     |     |    |    |    |    |    |    |    |           |  |
| JAN 1          | 220   | 409    | 373    | 273 | 182 | 64 | 32 | 18 | 14 | 5  |    |    |           |  |
| JAN 11         | 220   | 409    | 377    | 250 | 123 | 55 | 27 | 18 | 5  |    |    |    |           |  |
| JAN 21         | 242   | 355    | 326    | 223 | 124 | 74 | 41 | 17 | 8  | 4  |    |    |           |  |
| FEB 1          | 220   | 282    | 264    | 195 | 77  | 27 | 9  | 5  | 5  | 5  |    |    |           |  |
| FEB 11         | 220   | 332    | 318    | 200 | 95  | 23 | 14 | 14 | 14 |    |    |    |           |  |
| FEB 21         | 182   | 308    | 280    | 159 | 77  | 33 |    |    |    |    |    |    |           |  |
| MAR 1          | 220   | 327    | 305    | 209 | 105 | 36 | 9  | 5  | 5  | 5  | 5  |    |           |  |
| MAR 11         | 220   | 314    | 291    | 232 | 100 | 50 | 27 | 14 | 5  |    |    |    |           |  |
| MAR 21         | 242   | 318    | 298    | 227 | 74  | 33 | 8  | 4  |    |    |    |    |           |  |
| APR 1          | 220   | 291    | 268    | 168 | 45  | 23 | 9  | 9  |    |    |    |    |           |  |
| APR 11         | 220   | 245    | 223    | 141 | 36  | 18 | 5  |    |    |    |    |    |           |  |
| APR 21         | 220   | 177    | 159    | 95  | 45  | 32 | 18 | 5  |    |    |    |    |           |  |
| MAY 1          | 220   | 116    | 114    | 95  | 36  | 23 | 5  | 5  | 5  |    |    |    |           |  |
| MAY 11         | 220   | 55     | 50     | 32  | 9   |    |    |    |    |    |    |    |           |  |
| MAY 21         | 242   | 45     | 45     | 41  | 12  | 4  |    |    |    |    |    |    |           |  |
| JUN 1          | 220   | 9      | 9      | 9   |     |    |    |    |    |    |    |    |           |  |
| JUN 11         | 220   | 14     | 14     | 14  |     |    |    |    |    |    |    |    |           |  |
| JUN 21         | 220   | 14     | 14     | 9   | 5   | 5  |    |    |    |    |    |    |           |  |
| JUL 1          | 220   |        |        |     |     |    |    |    |    |    |    |    |           |  |
| JUL 11         | 220   |        |        |     |     |    |    |    |    |    |    |    |           |  |
| JUL 21         | 242   |        |        |     |     |    |    |    |    |    |    |    |           |  |
| AUG 1          | 220   |        |        |     |     |    |    |    |    |    |    |    |           |  |
| AUG 11         | 220   |        |        |     |     |    |    |    |    |    |    |    |           |  |
| AUG 21         | 242   |        |        |     |     |    |    |    |    |    |    |    |           |  |
| SEP 1          | 220   |        |        |     |     |    |    |    |    |    |    |    |           |  |
| SEP 11         | 220   | 23     | 23     | 14  |     |    |    |    |    |    |    |    |           |  |
| SEP 21         | 220   | 36     | 36     | 5   | 5   |    |    |    |    |    |    |    |           |  |
| OCT 1          | 220   | 50     | 50     | 32  | 9   | 5  | 5  |    |    |    |    |    |           |  |
| OCT 11         | 220   | 59     | 55     | 36  | 18  | 14 | 9  | 5  | 5  |    |    |    |           |  |
| OCT 21         | 242   | 136    | 136    | 99  | 33  | 12 | 4  | 4  | 4  |    |    |    |           |  |
| NOV 1          | 220   | 168    | 164    | 82  | 23  | 9  | 5  | 5  | 5  | 5  |    |    |           |  |
| NOV 11         | 220   | 241    | 236    | 136 | 41  | 23 | 14 | 5  | 5  |    |    |    |           |  |
| NOV 21         | 220   | 409    | 395    | 286 | 145 | 59 | 27 | 14 |    |    |    |    |           |  |
| DEC 1          | 220   | 405    | 377    | 268 | 95  | 64 | 36 | 23 | 9  | 5  |    |    |           |  |
| DEC 11         | 220   | 350    | 323    | 223 | 91  | 36 | 27 | 5  | 5  |    |    |    |           |  |
| DEC 21         | 242   | 401    | 368    | 269 | 124 | 54 | 25 | 17 |    |    |    |    |           |  |
| MONTH          |       |        |        |     |     |    |    |    |    |    |    |    |           |  |
| JAN            | 682   | 390    | 358    | 248 | 142 | 65 | 34 | 18 | 9  | 3  |    |    |           |  |
| FEB            | 622   | 307    | 288    | 186 | 84  | 27 | 8  | 6  | 6  | 2  |    |    |           |  |
| MAR            | 682   | 320    | 298    | 223 | 92  | 40 | 15 | 7  | 3  | 1  | 1  |    |           |  |
| APR            | 660   | 238    | 217    | 135 | 42  | 24 | 11 | 5  |    |    |    |    |           |  |
| MAY            | 682   | 72     | 69     | 56  | 19  | 9  | 1  | 1  | 1  |    |    |    |           |  |
| JUN            | 660   | 12     | 12     | 11  | 2   | 2  |    |    |    |    |    |    |           |  |
| JUL            | 682   |        |        |     |     |    |    |    |    |    |    |    |           |  |
| AUG            | 682   |        |        |     |     |    |    |    |    |    |    |    |           |  |
| SEP            | 660   | 20     | 20     | 6   | 2   |    |    |    |    |    |    |    |           |  |
| OCT            | 682   | 84     | 82     | 57  | 21  | 10 | 6  | 3  | 3  |    |    |    |           |  |
| NOV            | 660   | 273    | 265    | 168 | 70  | 30 | 15 | 8  | 3  | 2  |    |    |           |  |
| DEC            | 682   | 386    | 356    | 254 | 104 | 51 | 29 | 15 | 4  | 1  |    |    |           |  |

**Table 20**—Monthly average temperatures, °F, in or adjacent to RNR; based on or adjusted to 30-year normal period 1951-80. Mean is arithmetic average of maximum and minimum values. Based on 24-hour periods ending at morning (A), generally near 0800, or afternoon (P), generally 1600 to 1700, observation time (obt.). Adj. denotes adjustment of shorter-period averages. (f) denotes former station, not continuing through year 1985; (o), old station, closed before 1930

| Station,<br>elev., obt.              |     |                        | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|--------------------------------------|-----|------------------------|------|------|------|------|------|------|------|------|-------|------|------|------|--------|
|                                      |     |                        | °F   |      |      |      |      |      |      |      |       |      |      |      |        |
| Big Creek 1 S<br>5,686 P             | (f) | Max.                   | 32.1 | 38.2 | 42.2 | 50.0 | 61.5 | 70.0 | 81.2 | 79.7 | 70.3  | 57.9 | 41.2 | 33.2 | 54.8   |
|                                      |     | Min.                   | 7.0  | 11.2 | 13.2 | 21.7 | 28.5 | 34.0 | 36.3 | 34.1 | 28.7  | 23.0 | 16.0 | 8.9  | 21.9   |
|                                      |     | Adj. Mean              | 19.6 | 24.7 | 27.7 | 35.9 | 45.0 | 52.0 | 58.8 | 56.9 | 49.5  | 40.5 | 28.6 | 21.1 | 38.4   |
| Blackbird Mine<br>6,825 A            | (f) | Max.                   | 26.3 | 31.5 | 36.3 | 44.7 | 54.8 | 64.0 | 76.0 | 73.7 | 63.0  | 49.5 | 34.5 | 27.8 | 48.5   |
|                                      |     | Min.                   | 6.8  | 10.0 | 12.0 | 21.0 | 30.2 | 37.0 | 42.5 | 41.2 | 34.0  | 25.5 | 16.0 | 9.2  | 23.8   |
|                                      |     | Adj. Mean              | 16.6 | 20.8 | 24.2 | 32.9 | 42.5 | 50.5 | 59.3 | 57.5 | 48.5  | 37.5 | 25.3 | 18.5 | 36.2   |
| Bonanza G.S.<br>6,376 P              |     | Max.                   |      |      |      |      |      |      | 78.7 | 76.8 | 69.0  |      |      |      |        |
|                                      |     | Min.                   |      |      |      |      |      |      | 37.5 | 35.7 | 29.5  |      |      |      |        |
|                                      |     | Adj. Mean              |      |      |      |      |      |      | 58.1 | 56.3 | 49.3  |      |      |      |        |
| Campbell's Ferry<br>2,310 A          |     | Max.                   | 34.9 | 43.3 | 51.2 | 60.9 | 70.2 | 79.8 | 92.0 | 91.0 | 79.1  | 62.3 | 45.9 | 36.3 | 62.2   |
|                                      |     | Min.                   | 19.2 | 23.2 | 26.3 | 33.4 | 40.2 | 46.7 | 51.8 | 50.8 | 44.6  | 35.0 | 27.4 | 22.4 | 35.1   |
|                                      |     | Adj. <sup>1</sup> Mean | 27.1 | 33.3 | 38.8 | 47.2 | 55.2 | 63.3 | 71.9 | 70.9 | 61.9  | 48.7 | 36.7 | 29.4 | 48.7   |
| Cascade 1 NW<br>4,896 P <sup>2</sup> |     | Max.                   | 29.8 | 35.8 | 41.3 | 51.4 | 62.7 | 71.5 | 82.8 | 80.6 | 71.1  | 58.0 | 40.8 | 31.7 | 54.8   |
|                                      |     | Min.                   | 12.4 | 15.1 | 18.3 | 27.0 | 34.2 | 40.7 | 45.3 | 43.0 | 35.8  | 29.1 | 22.7 | 15.8 | 28.3   |
|                                      |     | Mean                   | 21.1 | 25.5 | 29.8 | 39.2 | 48.5 | 56.1 | 64.1 | 61.8 | 53.5  | 43.6 | 31.8 | 23.8 | 41.6   |
| Challis<br>5,175 P <sup>3</sup>      |     | Max.                   | 30.4 | 38.0 | 45.9 | 57.2 | 67.3 | 76.0 | 86.6 | 83.7 | 74.4  | 61.7 | 43.5 | 32.8 | 58.2   |
|                                      |     | Min.                   | 10.4 | 16.2 | 21.8 | 30.4 | 38.5 | 45.4 | 50.9 | 48.7 | 40.9  | 31.8 | 21.6 | 13.3 | 30.8   |
|                                      |     | Mean                   | 20.4 | 27.3 | 33.8 | 43.8 | 52.9 | 60.7 | 68.7 | 66.2 | 57.6  | 46.8 | 32.5 | 23.2 | 44.5   |
| Cobalt<br>5,010 P                    |     | Max.                   | 29.7 | 38.2 | 45.0 | 55.6 | 65.5 | 73.8 | 84.3 | 82.0 | 73.0  | 60.4 | 41.6 | 31.2 | 56.7   |
|                                      |     | Min.                   | 6.2  | 11.7 | 16.4 | 25.2 | 32.1 | 38.6 | 42.4 | 40.7 | 34.2  | 26.8 | 18.5 | 10.2 | 25.3   |
|                                      |     | Adj. Mean              | 18.0 | 25.0 | 30.7 | 40.4 | 48.8 | 56.2 | 63.4 | 61.4 | 53.6  | 43.6 | 30.1 | 20.7 | 41.0   |
| Darby, MT<br>3,880 P                 |     | Max.                   | 34.9 | 42.2 | 47.5 | 57.1 | 66.4 | 74.1 | 83.9 | 82.1 | 72.0  | 60.8 | 45.1 | 38.1 | 58.7   |
|                                      |     | Min.                   | 16.9 | 22.0 | 24.1 | 30.5 | 37.7 | 43.7 | 47.0 | 45.9 | 39.5  | 32.5 | 24.5 | 20.3 | 32.1   |
|                                      |     | Mean                   | 25.9 | 32.1 | 35.8 | 43.8 | 52.1 | 58.9 | 65.5 | 64.0 | 55.8  | 46.7 | 34.8 | 29.2 | 45.4   |
| Deadwood Dam<br>5,375 P              | (f) | Max.                   | 30.1 | 38.2 | 42.7 | 51.2 | 62.4 | 71.6 | 82.8 | 81.6 | 72.5  | 59.3 | 41.1 | 31.3 | 55.4   |
|                                      |     | Min.                   | 7.7  | 10.2 | 12.7 | 21.3 | 28.7 | 35.7 | 39.6 | 37.7 | 31.8  | 26.2 | 19.6 | 10.6 | 23.5   |
|                                      |     | Adj. Mean              | 18.9 | 24.2 | 27.7 | 36.3 | 45.6 | 53.7 | 61.2 | 59.7 | 52.2  | 42.8 | 30.4 | 21.0 | 39.5   |
| Dixie<br>5,620 A <sup>4</sup>        |     | Max.                   | 29.2 | 34.6 | 37.3 | 45.1 | 55.5 | 65.0 | 76.1 | 75.3 | 65.9  | 53.5 | 38.0 | 30.9 | 50.5   |
|                                      |     | Min.                   | 3.4  | 7.0  | 10.1 | 20.3 | 28.0 | 34.3 | 37.2 | 35.0 | 29.1  | 22.4 | 13.4 | 6.5  | 20.6   |
|                                      |     | Adj. Mean              | 16.3 | 20.8 | 23.7 | 32.7 | 41.8 | 49.7 | 56.7 | 55.2 | 47.5  | 38.0 | 25.7 | 18.7 | 35.6   |
| Elk City<br>4,058 A                  |     | Max.                   | 33.6 | 40.7 | 43.9 | 52.2 | 61.7 | 70.1 | 81.1 | 80.3 | 70.8  | 58.9 | 43.2 | 35.1 | 56.0   |
|                                      |     | Min.                   | 9.2  | 14.3 | 16.8 | 25.6 | 32.7 | 38.8 | 40.5 | 38.3 | 33.1  | 26.7 | 20.1 | 12.6 | 25.7   |
|                                      |     | Adj. Mean              | 21.4 | 27.5 | 30.4 | 38.9 | 47.2 | 54.5 | 60.8 | 59.3 | 52.0  | 42.8 | 31.7 | 23.9 | 40.9   |
| Elk Creek G.S.<br>6,426 P            | (f) | Max.                   |      |      |      |      |      |      | 77.3 | 75.0 | 66.0  |      |      |      |        |
|                                      |     | Min.                   |      |      |      |      |      |      | 34.5 | 32.0 | 25.7  |      |      |      |        |
|                                      |     | Adj. <sup>1</sup> Mean |      |      |      |      |      |      | 55.9 | 53.5 | 45.9  |      |      |      |        |
| Gibbonsville<br>4,480 P              |     | Max.                   | 28.5 | 36.6 | 45.0 | 56.8 | 66.7 | 75.3 | 86.2 | 83.7 | 74.3  | 60.2 | 41.2 | 31.0 | 57.1   |
|                                      |     | Min.                   | 8.6  | 13.7 | 19.0 | 27.0 | 33.3 | 39.7 | 44.2 | 42.7 | 35.8  | 28.2 | 20.5 | 12.4 | 27.1   |
|                                      |     | Adj. Mean              | 18.6 | 25.2 | 32.0 | 41.9 | 50.0 | 57.5 | 65.2 | 63.2 | 55.1  | 44.2 | 30.9 | 21.7 | 42.1   |
| Grangeville<br>3,355 P <sup>5</sup>  |     | Max.                   | 36.5 | 42.3 | 46.5 | 54.9 | 63.5 | 71.4 | 82.3 | 81.5 | 71.9  | 59.3 | 44.8 | 38.8 | 57.8   |
|                                      |     | Min.                   | 20.1 | 24.5 | 26.1 | 31.9 | 38.4 | 44.9 | 50.0 | 48.7 | 41.7  | 34.0 | 26.8 | 22.8 | 34.2   |
|                                      |     | Mean                   | 28.3 | 33.4 | 36.3 | 43.4 | 51.0 | 58.2 | 66.2 | 65.1 | 56.8  | 46.7 | 35.8 | 30.8 | 46.0   |
| Grangeville 11 SE<br>2,250 P         |     | Max.                   | 37.0 | 45.3 | 50.8 | 59.8 | 67.7 | 75.5 | 86.0 | 85.6 | 76.0  | 62.3 | 46.1 | 38.2 | 60.9   |
|                                      |     | Min.                   | 22.5 | 27.2 | 29.3 | 34.8 | 40.7 | 46.8 | 51.0 | 49.3 | 43.1  | 36.2 | 29.7 | 25.2 | 36.3   |
|                                      |     | Adj. Mean              | 29.8 | 36.3 | 40.1 | 47.3 | 54.2 | 61.2 | 68.5 | 67.5 | 59.6  | 49.3 | 37.9 | 31.7 | 48.6   |

(con.)

Table 20 (Con.)

| Station,<br>elev., obt. |      | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|-------------------------|------|------|------|------|------|------|------|------|------|-------|------|------|------|--------|
| °F                      |      |      |      |      |      |      |      |      |      |       |      |      |      |        |
| Indianola R.S.          | Max. |      |      |      |      | 70.7 | 79.9 | 90.8 | 88.7 | 78.0  |      |      |      |        |
| 3,450 P                 | Min. |      |      |      |      | 38.0 | 45.2 | 50.0 | 48.3 | 40.9  |      |      |      |        |
| Adj.                    | Mean |      |      |      |      | 54.4 | 62.6 | 70.4 | 68.5 | 59.5  |      |      |      |        |
| Krassel R.S.            | Max. |      |      |      |      | 68.0 | 77.5 | 88.8 | 86.3 | 76.3  |      |      |      |        |
| 3,600 P                 | Min. |      |      |      |      | 36.6 | 40.8 | 44.4 | 42.2 | 35.9  |      |      |      |        |
| Adj.                    | Mean |      |      |      |      | 52.3 | 59.2 | 66.6 | 64.3 | 56.1  |      |      |      |        |
| Landmark R.S.           | Max. |      |      |      |      |      |      | 76.5 | 74.5 | 66.0  |      |      |      |        |
| 6,680 P (f)             | Min. |      |      |      |      |      |      | 32.9 | 30.6 | 25.1  |      |      |      |        |
| Adj.                    | Mean |      |      |      |      |      |      | 54.7 | 52.6 | 45.6  |      |      |      |        |
| Little Creek G.S.       | Max. |      |      |      |      |      | 77.5 | 88.7 | 85.5 | 76.2  |      |      |      |        |
| 4,400 P                 | Min. |      |      |      |      |      | 41.5 | 47.0 | 45.5 | 38.3  |      |      |      |        |
| Adj.                    | Mean |      |      |      |      |      | 59.5 | 67.9 | 65.5 | 57.3  |      |      |      |        |
| Loon Creek (o)          | Max. | 31.5 | 37.7 | 43.0 | 51.0 | 61.0 | 70.7 | 81.2 | 78.5 | 69.5  | 59.0 | 41.0 | 31.5 | 54.6   |
| 5,810 P                 | Min. | 7.2  | 10.2 | 14.8 | 23.0 | 29.0 | 35.3 | 39.3 | 37.0 | 30.3  | 23.5 | 16.0 | 9.0  | 22.9   |
| Adj.                    | Mean | 19.4 | 24.0 | 28.9 | 37.0 | 45.0 | 53.0 | 60.3 | 57.8 | 49.9  | 41.3 | 28.5 | 20.3 | 38.8   |
| McCall                  | Max. | 29.8 | 35.3 | 39.8 | 49.0 | 60.2 | 69.8 | 81.0 | 79.1 | 69.7  | 57.3 | 40.8 | 31.7 | 53.6   |
| 5,025 P                 | Min. | 12.2 | 14.4 | 16.8 | 25.6 | 33.7 | 40.3 | 44.6 | 42.2 | 35.9  | 29.1 | 22.5 | 16.0 | 27.8   |
| Adj.                    | Mean | 21.0 | 24.9 | 28.3 | 37.3 | 47.0 | 55.1 | 62.8 | 60.7 | 52.8  | 43.2 | 31.7 | 23.9 | 40.7   |
| Middle Fork Lodge       | Max. | 33.2 | 40.5 | 46.7 | 56.5 | 66.2 | 75.3 | 86.6 | 84.4 | 75.4  | 62.1 | 44.1 | 35.0 | 58.8   |
| 4,480 A                 | Min. | 13.0 | 16.0 | 20.6 | 28.4 | 34.8 | 41.1 | 45.6 | 43.5 | 36.6  | 29.4 | 22.1 | 15.7 | 28.9   |
| Adj.                    | Mean | 23.1 | 28.3 | 33.7 | 42.5 | 50.5 | 58.2 | 66.1 | 64.0 | 56.0  | 45.8 | 33.1 | 25.4 | 43.9   |
| New Meadows R.S.        | Max. | 30.5 | 37.5 | 43.7 | 54.0 | 64.8 | 73.8 | 84.9 | 82.4 | 73.0  | 60.1 | 43.2 | 32.4 | 56.7   |
| 3,870 A <sup>6</sup>    | Min. | 8.4  | 12.1 | 16.4 | 26.4 | 33.1 | 39.3 | 42.4 | 40.0 | 32.4  | 24.8 | 19.6 | 11.7 | 25.6   |
| Adj.                    | Mean | 19.5 | 24.8 | 30.1 | 40.2 | 49.0 | 56.6 | 63.7 | 61.2 | 52.7  | 42.5 | 31.4 | 22.1 | 41.2   |
| Riggins R.S.            | Max. | 41.4 | 49.4 | 55.9 | 65.2 | 73.7 | 82.1 | 93.0 | 91.9 | 82.0  | 67.8 | 51.2 | 43.0 | 66.4   |
| 1,800 P                 | Min. | 27.5 | 31.3 | 33.7 | 38.6 | 45.9 | 52.6 | 59.1 | 58.1 | 50.8  | 42.2 | 34.0 | 30.0 | 42.0   |
| Adj.                    | Mean | 34.5 | 40.4 | 44.8 | 51.9 | 59.8 | 67.4 | 76.1 | 75.0 | 66.4  | 55.0 | 42.6 | 36.5 | 54.2   |
| Roosevelt (o)           | Max. | 29.0 | 34.0 | 36.8 | 42.0 | 50.0 | 61.0 | 71.0 | 70.0 | 61.3  | 51.0 | 37.8 | 30.8 | 47.8   |
| 7,500 P                 | Min. | 9.5  | 13.0 | 15.3 | 21.0 | 28.5 | 36.5 | 42.5 | 41.5 | 35.7  | 27.5 | 18.5 | 11.8 | 25.1   |
| Adj. <sup>1</sup>       | Mean | 19.3 | 23.5 | 26.1 | 31.5 | 39.3 | 48.8 | 56.8 | 55.8 | 48.5  | 39.3 | 28.2 | 21.3 | 36.5   |
| Salmon-Salmon 1 N       | Max. | 30.1 | 38.8 | 48.2 | 60.0 | 69.7 | 77.8 | 88.5 | 85.8 | 75.4  | 61.8 | 43.8 | 33.2 | 59.4   |
| 3,940 P <sup>7</sup>    | Min. | 9.4  | 16.6 | 22.6 | 30.3 | 38.1 | 44.7 | 49.1 | 47.0 | 38.8  | 29.5 | 21.3 | 14.1 | 30.1   |
| Adj.                    | Mean | 19.8 | 27.7 | 35.4 | 45.2 | 53.9 | 61.3 | 68.8 | 66.4 | 57.1  | 45.7 | 32.6 | 23.7 | 44.8   |
| Shoup                   | Max. | 30.3 | 39.1 | 48.6 | 60.6 | 70.5 | 78.4 | 88.6 | 85.8 | 75.5  | 60.6 | 42.2 | 32.5 | 59.4   |
| 3,400 P                 | Min. | 15.2 | 20.4 | 25.2 | 32.8 | 39.0 | 45.4 | 50.7 | 49.2 | 41.8  | 33.6 | 26.0 | 19.1 | 33.2   |
| Adj.                    | Mean | 22.8 | 29.8 | 36.9 | 46.7 | 54.8 | 61.9 | 69.7 | 67.5 | 58.7  | 47.1 | 34.1 | 25.8 | 46.3   |
| Slate Crk. R.S. (f)     | Max. | 43.5 | 50.0 | 55.2 | 65.0 | 73.5 | 82.0 | 94.2 | 93.1 | 83.3  | 68.5 | 51.6 | 44.6 | 67.0   |
| 1,568 P                 | Min. | 28.0 | 31.2 | 33.5 | 37.4 | 43.6 | 49.9 | 55.3 | 54.8 | 47.0  | 39.0 | 32.0 | 30.0 | 40.2   |
| Adj.                    | Mean | 35.8 | 40.6 | 44.4 | 51.2 | 58.6 | 66.0 | 74.8 | 74.0 | 65.2  | 53.8 | 41.8 | 37.3 | 53.6   |
| Stibnite (f)            | Max. | 31.0 | 36.0 | 39.0 | 46.5 | 57.0 | 66.2 | 77.0 | 75.2 | 66.2  | 55.0 | 40.3 | 32.8 | 51.8   |
| 6,550 A                 | Min. | 8.2  | 11.0 | 13.0 | 22.0 | 29.0 | 35.7 | 41.5 | 40.5 | 34.3  | 26.0 | 18.2 | 11.0 | 24.2   |
| Adj. <sup>1</sup>       | Mean | 19.6 | 23.5 | 26.0 | 34.3 | 43.0 | 51.0 | 59.3 | 57.9 | 50.3  | 40.5 | 29.3 | 21.9 | 38.0   |
| Taylor Ranch            | Max. | 28.2 | 37.0 | 45.3 | 56.5 | 66.5 | 75.3 | 86.7 | 84.2 | 73.5  | 58.5 | 40.5 | 30.0 | 56.9   |
| 3,835 A                 | Min. | 14.3 | 18.3 | 22.8 | 30.8 | 37.0 | 43.0 | 47.2 | 45.0 | 38.3  | 31.0 | 23.8 | 17.2 | 30.7   |
| Adj. <sup>1</sup>       | Mean | 21.3 | 27.7 | 34.1 | 43.7 | 51.8 | 59.2 | 67.0 | 64.6 | 55.9  | 44.8 | 32.2 | 23.6 | 43.8   |
| Warren                  | Max. | 31.8 | 37.6 | 40.2 | 47.8 | 58.1 | 67.0 | 77.6 | 75.3 | 67.3  | 56.0 | 39.9 | 32.5 | 52.6   |
| 5,899 P                 | Min. | 6.0  | 9.2  | 10.4 | 19.4 | 27.0 | 32.8 | 35.6 | 33.5 | 28.7  | 23.0 | 15.3 | 9.2  | 20.9   |
| Adj.                    | Mean | 18.9 | 23.4 | 25.3 | 33.6 | 42.6 | 49.9 | 56.6 | 54.4 | 48.0  | 39.5 | 27.6 | 20.9 | 36.8   |
| Yellow Pine 7 S         | Max. | 32.0 | 38.3 | 42.3 | 50.5 | 60.8 | 69.4 | 80.9 | 78.7 | 69.8  | 57.8 | 41.3 | 33.2 | 54.6   |
| 5,070 A                 | Min. | 8.2  | 11.3 | 13.9 | 22.8 | 29.8 | 35.6 | 39.4 | 37.2 | 31.0  | 25.1 | 18.2 | 11.7 | 23.7   |
| Adj.                    | Mean | 20.1 | 24.8 | 28.1 | 36.7 | 45.3 | 52.5 | 60.2 | 58.0 | 50.4  | 41.5 | 29.8 | 22.5 | 39.2   |

<sup>1</sup>Adjustment calculations based on less than 10 years of data.<sup>2</sup>A during 1955-61 and beginning in 1980.<sup>3</sup>Changed to A in 1973.<sup>4</sup>P prior to 1966; data not used in averaging.<sup>5</sup>Late evening observation time.<sup>6</sup>P prior to 1955.<sup>7</sup>Station moved in 1968; changed from midnight to P.

Table 21—Daily maximum and minimum temperature statistics (°F). Based on indicated years of record, 1951-80 where available, and on 24-hour observation period ending mostly about 1600 or 1700 m.s.t.; 0800 at Dixie and Middle Fork Lodge, 1300 at fire-weather stations in Intermountain Region. Letter M following year of highest or lowest average denotes occurrence of missing data; average shown is based on at least 7 days of data during 10 (or 11)-day period. "Median low" extreme daily value of -1.0 denotes actual value of -1.0 or lower.

| MAXIMUM DAILY TEMPERATURE           |         |      |           |        |                 |                |   |          |           | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |             |         |          |           |            |             |  |  |  |
|-------------------------------------|---------|------|-----------|--------|-----------------|----------------|---|----------|-----------|----------------------------------------------|-------------|---------|----------|-----------|------------|-------------|--|--|--|
| STATION NUMBER 100835 BIG CREEK 1 S |         |      |           |        |                 |                |   |          |           | 1949-1967                                    |             |         |          |           |            |             |  |  |  |
| 10-DAY AND MONTHLY PERIOD MEANS     |         |      |           |        |                 |                |   |          |           | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |             |         |          |           |            |             |  |  |  |
| PRO. BEGINS                         | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG. YR | LOWEST AVG. YR | I | HIGH. YR | AVG. HIGH | STD. DEV.                                    | MEDIAN HIGH | LOW. YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRO. BEGINS |  |  |  |
| JAN 1                               | 16      | 31.5 | 4.5       | 31.0   | 38.4 63         | 24.5 50        | I | 48 64    | 39.9      | 5.2                                          | 39.5        | 5 59    | 21.5     | 6.9       | 21.5       | JAN 1       |  |  |  |
| JAN 11                              | 16      | 31.1 | 6.2       | 30.0   | 42.3 61         | 20.5 60        | I | 50 53    | 39.2      | 6.4                                          | 38.0        | 5 63    | 21.7     | 8.0       | 23.0       | JAN 11      |  |  |  |
| JAN 21                              | 17      | 32.4 | 5.1       | 33.0   | 39.8 53         | 22.0 57        | I | 51 62    | 42.2      | 5.3                                          | 42.0        | 5 62    | 20.3     | 7.3       | 22.0       | JAN 21      |  |  |  |
| FEB 1                               | 18      | 37.0 | 6.7       | 37.5   | 48.3 63         | 22.2 49        | I | 59 62    | 44.8      | 6.5                                          | 44.0        | 10 50   | 28.9     | 8.4       | 31.0       | FEB 1       |  |  |  |
| FEB 11                              | 17      | 36.2 | 4.8       | 35.0   | 46.0 57         | 29.0 56        | I | 57 58    | 45.1      | 5.0                                          | 44.0        | 17 56   | 27.9     | 6.5       | 28.0       | FEB 11      |  |  |  |
| FEB 21                              | 17      | 38.3 | 6.8       | 40.0   | 47.9 63         | 23.9 62        | I | 58 58    | 46.5      | 8.5                                          | 47.0        | 12 62   | 30.6     | 7.4       | 33.0       | FEB 21      |  |  |  |
| MAR 1                               | 17      | 38.1 | 3.8       | 37.0   | 44.3 65         | 31.9 56        | I | 58 53    | 47.7      | 5.7                                          | 48.0        | 20 66   | 28.9     | 4.6       | 30.0       | MAR 1       |  |  |  |
| MAR 11                              | 17      | 40.9 | 3.2       | 40.0   | 46.1 60         | 34.6 55        | I | 65 60    | 50.9      | 5.7                                          | 50.0        | 22 55   | 30.9     | 4.9       | 31.0       | MAR 11      |  |  |  |
| MAR 21                              | 17      | 44.7 | 4.2       | 44.0   | 53.0 60         | 38.4 55        | I | 65 60    | 56.1      | 5.1                                          | 57.0        | 24 65   | 33.4     | 3.8       | 33.0       | MAR 21      |  |  |  |
| APR 1                               | 17      | 48.0 | 4.7       | 46.0   | 59.6 60         | 42.0 53        | I | 68 60    | 57.0      | 6.5                                          | 56.0        | 32 63   | 37.9     | 3.4       | 38.0       | APR 1       |  |  |  |
| APR 11                              | 18      | 50.5 | 6.2       | 48.5   | 65.7 62         | 41.3 55        | I | 73 62    | 59.9      | 6.9                                          | 61.0        | 32 60   | 39.9     | 5.9       | 39.0       | APR 11      |  |  |  |
| APR 21                              | 18      | 51.7 | 5.5       | 52.0   | 64.4 52         | 40.8 67        | I | 72 52    | 62.7      | 6.0                                          | 62.0        | 34 67   | 40.8     | 6.0       | 38.5       | APR 21      |  |  |  |
| MAY 1                               | 18      | 56.2 | 6.5       | 55.5   | 71.8 66         | 45.5 64        | I | 80 54    | 68.0      | 7.2                                          | 67.0        | 34 64   | 45.1     | 6.7       | 43.0       | MAY 1       |  |  |  |
| MAY 11                              | 17      | 61.6 | 5.2       | 61.0   | 72.5 54         | 53.1 62        | I | 84 54    | 73.6      | 6.7                                          | 75.0        | 40 67   | 47.8     | 6.0       | 46.0       | MAY 11      |  |  |  |
| MAY 21                              | 18      | 64.0 | 6.7       | 63.0   | 77.6 58         | 54.5 59        | I | 85 58    | 74.7      | 5.7                                          | 74.0        | 42 53   | 51.6     | 6.6       | 50.5       | MAY 21      |  |  |  |
| JUN 1                               | 18      | 66.2 | 6.1       | 64.5   | 76.6 52         | 57.7 54        | I | 86 56    | 76.2      | 6.4                                          | 76.5        | 46 66   | 54.6     | 8.1       | 52.5       | JUN 1       |  |  |  |
| JUN 11                              | 18      | 68.8 | 5.9       | 68.0   | 81.8 61         | 59.8 64        | I | 88 61    | 79.1      | 5.0                                          | 79.5        | 49 57   | 57.2     | 6.5       | 57.0       | JUN 11      |  |  |  |
| JUN 21                              | 18      | 71.5 | 5.0       | 70.0   | 82.7 61         | 62.7 63        | I | 92 55    | 81.7      | 5.8                                          | 82.0        | 48 64   | 58.9     | 7.3       | 57.0       | JUN 21      |  |  |  |
| JUL 1                               | 18      | 77.7 | 4.5       | 79.0   | 82.2 60         | 64.1 55        | I | 95 59    | 86.6      | 5.4                                          | 87.0        | 56 55   | 66.8     | 6.1       | 68.0       | JUL 1       |  |  |  |
| JUL 11                              | 18      | 81.9 | 4.6       | 82.0   | 91.4 60         | 74.5 63        | I | 97 60    | 88.9      | 4.1                                          | 90.0        | 63 65   | 73.0     | 6.6       | 72.5       | JUL 11      |  |  |  |
| JUL 21                              | 18      | 82.9 | 3.3       | 81.5   | 89.1 60         | 78.2 50        | I | 97 60    | 90.4      | 3.5                                          | 90.0        | 57 50   | 72.9     | 6.4       | 72.0       | JUL 21      |  |  |  |
| AUG 1                               | 19      | 82.1 | 3.8       | 82.0   | 90.3 61         | 74.4 62        | I | 97 61    | 89.1      | 3.6                                          | 90.0        | 62 50   | 73.5     | 6.3       | 74.0       | AUG 1       |  |  |  |
| AUG 11                              | 19      | 81.9 | 4.0       | 83.0   | 88.3 67         | 73.6 54        | I | 94 61    | 88.3      | 3.1                                          | 88.0        | 60 64   | 73.7     | 7.2       | 75.0       | AUG 11      |  |  |  |
| AUG 21                              | 19      | 74.9 | 5.6       | 73.0   | 84.7 67         | 66.1 51        | I | 92 61    | 84.9      | 4.8                                          | 86.0        | 44 56   | 61.5     | 10.4      | 64.0       | AUG 21      |  |  |  |
| SEP 1                               | 17      | 75.1 | 5.6       | 75.0   | 86.1 55         | 64.7 65        | I | 93 55    | 83.9      | 5.0                                          | 84.0        | 48 64   | 63.8     | 8.2       | 64.0       | SEP 1       |  |  |  |
| SEP 11                              | 16      | 69.4 | 6.4       | 68.5   | 79.3 53         | 54.5 65        | I | 89 53    | 82.5      | 4.9                                          | 83.0        | 45 65   | 54.7     | 6.6       | 54.5       | SEP 11      |  |  |  |
| SEP 21                              | 17      | 67.7 | 8.7       | 69.0   | 80.5 67         | 50.1 59        | I | 85 52    | 77.7      | 6.3                                          | 81.0        | 41 59   | 54.4     | 10.5      | 54.0       | SEP 21      |  |  |  |
| OCT 1                               | 16      | 63.6 | 6.6       | 64.0   | 76.3 52         | 51.1 57        | I | 81 58    | 75.3      | 3.4                                          | 75.5        | 38 61   | 49.3     | 10.6      | 47.0       | OCT 1       |  |  |  |
| OCT 11                              | 16      | 58.8 | 5.8       | 58.5   | 67.9 58         | 48.5 51        | I | 79 58    | 68.6      | 5.4                                          | 67.5        | 35 66   | 45.1     | 6.4       | 45.0       | OCT 11      |  |  |  |
| OCT 21                              | 16      | 52.0 | 7.1       | 51.0   | 63.9 52         | 39.3 56        | I | 71 52    | 62.4      | 6.5                                          | 65.0        | 30 55   | 40.6     | 8.6       | 39.0       | OCT 21      |  |  |  |
| NOV 1                               | 17      | 46.7 | 4.6       | 45.0   | 57.3 54         | 41.3 63        | I | 66 65    | 56.5      | 5.5                                          | 56.0        | 29 56   | 37.2     | 5.4       | 38.0       | NOV 1       |  |  |  |
| NOV 11                              | 17      | 39.7 | 5.6       | 39.0   | 50.0 54         | 25.3 55        | I | 57 56    | 49.9      | 5.9                                          | 51.0        | 7 55    | 29.3     | 7.6       | 31.0       | NOV 11      |  |  |  |
| NOV 21                              | 17      | 38.1 | 4.0       | 37.0   | 45.2 54         | 29.7 52        | I | 67 65    | 48.5      | 8.2                                          | 48.0        | 20 67   | 29.5     | 4.5       | 29.0       | NOV 21      |  |  |  |
| DEC 1                               | 18      | 34.0 | 3.6       | 33.0   | 40.8 65         | 28.9 51        | I | 54 56    | 42.2      | 5.2                                          | 42.0        | 15 66   | 24.6     | 5.4       | 25.0       | DEC 1       |  |  |  |
| DEC 11                              | 16      | 33.0 | 4.8       | 33.5   | 37.6 58         | 21.6 64        | I | 47 58    | 40.5      | 4.2                                          | 40.5        | -1 64   | 22.9     | 8.9       | 26.0       | DEC 11      |  |  |  |
| DEC 21                              | 16      | 32.1 | 2.8       | 32.0   | 35.4 58         | 25.9 51        | I | 49 62    | 40.1      | 3.7                                          | 40.0        | 14 52   | 22.6     | 4.1       | 22.5       | DEC 21      |  |  |  |
| MONTH                               |         |      |           |        |                 |                |   |          |           | MONTH                                        |             |         |          |           |            |             |  |  |  |
| JAN                                 | 16      | 31.7 | 3.6       | 31.0   | 38.9 53         | 24.7 50        | I | 51 62    | 44.9      | 4.4                                          | 46.0        | 5 63    | 15.8     | 7.1       | 17.5       | JAN         |  |  |  |
| FEB                                 | 17      | 37.0 | 4.1       | 37.0   | 45.6 63         | 31.3 66        | I | 59 62    | 50.2      | 5.9                                          | 50.0        | 10 50   | 23.2     | 7.3       | 23.0       | FEB         |  |  |  |
| MAR                                 | 17      | 41.4 | 2.2       | 41.0   | 46.1 60         | 36.6 55        | I | 65 60    | 56.8      | 4.3                                          | 57.0        | 20 66   | 27.1     | 4.0       | 27.0       | MAR         |  |  |  |
| APR                                 | 17      | 50.4 | 3.6       | 49.0   | 57.4 52         | 45.4 55        | I | 73 62    | 65.1      | 4.4                                          | 64.0        | 32 63   | 36.1     | 2.9       | 36.0       | APR         |  |  |  |
| MAY                                 | 17      | 60.3 | 4.1       | 58.0   | 70.9 58         | 54.7 59        | I | 85 58    | 77.0      | 5.0                                          | 78.0        | 34 64   | 42.0     | 4.4       | 42.0       | MAY         |  |  |  |
| JUN                                 | 18      | 68.8 | 3.4       | 68.0   | 78.9 61         | 64.4 64        | I | 92 55    | 84.5      | 3.1                                          | 84.0        | 46 66   | 50.9     | 4.7       | 49.5       | JUN         |  |  |  |
| JUL                                 | 18      | 80.9 | 2.9       | 80.5   | 87.6 60         | 76.7 55        | I | 97 60    | 91.7      | 3.1                                          | 91.5        | 56 55   | 64.9     | 5.7       | 65.0       | JUL         |  |  |  |
| AUG                                 | 19      | 79.5 | 3.4       | 79.0   | 85.9 61         | 74.7 65        | I | 97 61    | 90.5      | 2.6                                          | 91.0        | 44 56   | 60.7     | 9.9       | 61.0       | AUG         |  |  |  |
| SEP                                 | 16      | 70.3 | 5.1       | 71.5   | 77.1 52         | 60.7 65        | I | 93 55    | 84.7      | 5.1                                          | 85.0        | 41 59   | 49.8     | 6.4       | 49.5       | SEP         |  |  |  |
| OCT                                 | 16      | 57.9 | 4.8       | 57.0   | 68.4 52         | 51.3 61        | I | 81 58    | 75.5      | 3.4                                          | 76.0        | 30 55   | 37.4     | 4.4       | 37.5       | OCT         |  |  |  |
| NOV                                 | 17      | 41.5 | 3.5       | 40.0   | 50.8 54         | 34.3 55        | I | 67 65    | 57.4      | 5.1                                          | 56.0        | 7 55    | 25.5     | 5.9       | 27.0       | NOV         |  |  |  |
| DEC                                 | 16      | 33.0 | 2.5       | 32.5   | 37.8 58         | 29.0 64        | I | 54 56    | 44.3      | 3.6                                          | 43.5        | -1 64   | 17.9     | 6.7       | 19.0       | DEC         |  |  |  |

(con.)

Table 21 (Con.)

## MINIMUM DAILY TEMPERATURE

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 100835 BIG CREEK 1 S |         |      |           |        |                 |                |   |          |           | 1949-1967                               |             |         |          |           |            |             |  |  |  |  |
|-------------------------------------|---------|------|-----------|--------|-----------------|----------------|---|----------|-----------|-----------------------------------------|-------------|---------|----------|-----------|------------|-------------|--|--|--|--|
| 10-DAY AND MONTHLY PERIOD MEANS     |         |      |           |        |                 |                |   |          |           | 10-DAY AND MONTHLY EXTREME DAILY VALUES |             |         |          |           |            |             |  |  |  |  |
| PRO. BEGINS                         | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG. YR | LOWEST AVG. YR |   | HIGH. YR | AVG. HIGH | STD. DEV.                               | MEDIAN HIGH | LOW. YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRO. BEGINS |  |  |  |  |
| JAN 1                               | 16      | 6.2  | 7.8       | 6.0    | 17.8 53         | -9.3 58        | I | 32 61    | 23.9      | 7.6                                     | 27.0        | -33 59  | -15.1    | 12.6      | -1.0       | JAN 1       |  |  |  |  |
| JAN 11                              | 16      | 8.7  | 10.5      | 9.5    | 27.9 53         | -10.3 60       | I | 35 59    | 24.6      | 7.7                                     | 26.0        | -35 60  | -11.9    | 14.0      | -1.0       | JAN 11      |  |  |  |  |
| JAN 21                              | 17      | 7.2  | 9.3       | 11.0   | 22.8 53         | -12.1 57       | I | 32 50    | 26.4      | 6.2                                     | 29.0        | -41 56  | -14.8    | 15.6      | -1.0       | JAN 21      |  |  |  |  |
| FEB 1                               | 18      | 9.5  | 8.3       | 9.5    | 22.2 61         | -9.3 56        | I | 33 61    | 25.6      | 6.4                                     | 27.0        | -40 56  | -10.8    | 11.4      | -1.0       | FEB 1       |  |  |  |  |
| FEB 11                              | 17      | 11.7 | 7.1       | 9.0    | 23.7 61         | -3.0 55        | I | 34 49    | 27.1      | 4.1                                     | 27.0        | -38 56  | -9.8     | 13.6      | -1.0       | FEB 11      |  |  |  |  |
| FEB 21                              | 17      | 9.7  | 9.9       | 13.0   | 21.6 57         | -9.1 60        | I | 32 63    | 25.3      | 5.7                                     | 26.0        | -36 62  | -8.1     | 14.1      | -1.0       | FEB 21      |  |  |  |  |
| MAR 1                               | 17      | 9.7  | 5.3       | 10.0   | 19.6 57         | -1.2 65        | I | 36 57    | 26.1      | 4.9                                     | 27.0        | -36 55  | -10.2    | 11.3      | -1.0       | MAR 1       |  |  |  |  |
| MAR 11                              | 17      | 11.0 | 7.3       | 11.0   | 25.4 49         | -0.9 65        | I | 31 61    | 25.9      | 3.7                                     | 26.0        | -25 65  | -10.2    | 10.5      | -1.0       | MAR 11      |  |  |  |  |
| MAR 21                              | 17      | 17.0 | 4.7       | 17.0   | 24.9 63         | 8.1 55         | I | 33 67    | 29.3      | 2.5                                     | 30.0        | -20 55  | 0.8      | 9.9       | 3.0        | MAR 21      |  |  |  |  |
| APR 1                               | 17      | 19.7 | 3.7       | 20.0   | 24.5 54         | 13.0 52        | I | 33 66    | 30.2      | 2.8                                     | 31.0        | -3 52   | 8.1      | 6.4       | 7.0        | APR 1       |  |  |  |  |
| APR 11                              | 18      | 21.4 | 2.5       | 21.0   | 25.3 57         | 14.3 64        | I | 34 58    | 29.9      | 2.7                                     | 30.5        | 2 67    | 10.3     | 4.1       | 11.5       | APR 11      |  |  |  |  |
| APR 21                              | 18      | 24.1 | 2.3       | 24.0   | 28.3 59         | 20.2 67        | I | 39 59    | 32.2      | 3.0                                     | 31.5        | 2 65    | 15.0     | 5.0       | 15.5       | APR 21      |  |  |  |  |
| MAY 1                               | 18      | 26.8 | 3.2       | 26.0   | 31.5 52         | 21.8 65        | I | 42 54    | 34.4      | 4.1                                     | 34.5        | 5 67    | 19.1     | 5.4       | 19.5       | MAY 1       |  |  |  |  |
| MAY 11                              | 17      | 28.7 | 3.0       | 27.0   | 35.2 57         | 25.2 67        | I | 43 49    | 35.4      | 3.7                                     | 35.0        | 17 65   | 22.2     | 3.0       | 22.0       | MAY 11      |  |  |  |  |
| MAY 21                              | 18      | 30.5 | 2.5       | 29.5   | 35.5 56         | 26.8 64        | I | 43 63    | 39.2      | 2.6                                     | 39.0        | 14 60   | 22.6     | 3.9       | 22.5       | MAY 21      |  |  |  |  |
| JUN 1                               | 18      | 33.3 | 3.1       | 34.0   | 37.8 52         | 28.0 65        | I | 48 57    | 40.6      | 4.1                                     | 40.5        | 19 55   | 26.2     | 3.4       | 27.0       | JUN 1       |  |  |  |  |
| JUN 11                              | 18      | 33.9 | 2.7       | 33.0   | 38.3 63         | 29.9 52        | I | 47 54    | 41.6      | 3.6                                     | 42.0        | 21 54   | 27.3     | 3.5       | 27.5       | JUN 11      |  |  |  |  |
| JUN 21                              | 18      | 34.6 | 3.5       | 34.0   | 41.6 65         | 28.9 53        | I | 52 52    | 43.3      | 4.7                                     | 41.0        | 20 49   | 27.5     | 3.2       | 27.0       | JUN 21      |  |  |  |  |
| JUL 1                               | 18      | 34.9 | 2.5       | 33.5   | 39.6 50         | 31.0 59        | I | 51 61    | 43.0      | 3.6                                     | 42.5        | 22 55   | 27.4     | 3.3       | 27.0       | JUL 1       |  |  |  |  |
| JUL 11                              | 18      | 36.5 | 3.3       | 35.0   | 43.9 54         | 31.5 63        | I | 55 54    | 43.9      | 4.7                                     | 42.5        | 24 62   | 29.5     | 3.2       | 29.5       | JUL 11      |  |  |  |  |
| JUL 21                              | 18      | 36.2 | 3.0       | 35.5   | 41.0 56         | 30.5 63        | I | 55 66    | 47.0      | 6.2                                     | 48.0        | 24 59   | 28.5     | 3.0       | 29.0       | JUL 21      |  |  |  |  |
| AUG 1                               | 19      | 35.9 | 3.1       | 35.0   | 41.7 51         | 31.4 56        | I | 54 52    | 46.6      | 4.2                                     | 45.0        | 25 56   | 29.3     | 2.1       | 30.0       | AUG 1       |  |  |  |  |
| AUG 11                              | 19      | 34.5 | 3.1       | 33.0   | 40.6 58         | 28.2 57        | I | 54 58    | 44.1      | 5.7                                     | 44.0        | 24 66   | 28.7     | 2.7       | 28.0       | AUG 11      |  |  |  |  |
| AUG 21                              | 19      | 33.2 | 3.1       | 33.0   | 38.7 50         | 27.6 55        | I | 54 50    | 42.9      | 6.0                                     | 43.0        | 19 60   | 26.2     | 3.4       | 26.0       | AUG 21      |  |  |  |  |
| SEP 1                               | 17      | 30.5 | 3.6       | 30.0   | 38.7 67         | 25.2 62        | I | 50 63    | 39.7      | 5.7                                     | 39.0        | 17 62   | 22.6     | 3.9       | 22.0       | SEP 1       |  |  |  |  |
| SEP 11                              | 17      | 29.3 | 3.3       | 28.0   | 36.6 63         | 25.0 64        | I | 47 59    | 39.2      | 4.4                                     | 38.0        | 12 65   | 21.4     | 4.2       | 23.0       | SEP 11      |  |  |  |  |
| SEP 21                              | 17      | 27.1 | 2.9       | 27.0   | 33.8 67         | 22.4 61        | I | 42 67    | 35.4      | 3.9                                     | 36.0        | 15 56   | 20.0     | 3.6       | 19.0       | SEP 21      |  |  |  |  |
| OCT 1                               | 16      | 25.5 | 3.5       | 25.0   | 33.0 63         | 18.5 54        | I | 42 51    | 35.5      | 5.0                                     | 37.5        | 10 54   | 17.8     | 4.0       | 18.5       | OCT 1       |  |  |  |  |
| OCT 11                              | 16      | 24.7 | 3.7       | 25.0   | 30.4 62         | 17.8 52        | I | 40 55    | 34.3      | 3.9                                     | 34.5        | 10 66   | 16.3     | 4.0       | 18.0       | OCT 11      |  |  |  |  |
| OCT 21                              | 16      | 21.5 | 2.5       | 21.0   | 25.5 59         | 16.6 53        | I | 41 59    | 32.0      | 4.8                                     | 31.5        | 5 61    | 12.6     | 4.0       | 12.0       | OCT 21      |  |  |  |  |
| NOV 1                               | 17      | 17.1 | 5.5       | 17.0   | 27.9 58         | 8.5 52         | I | 36 58    | 28.7      | 4.9                                     | 29.0        | -10 56  | 5.1      | 8.0       | 5.0        | NOV 1       |  |  |  |  |
| NOV 11                              | 17      | 17.4 | 8.4       | 19.0   | 29.3 54         | 3.6 55         | I | 40 53    | 31.0      | 5.0                                     | 31.0        | -28 55  | 0.5      | 15.9      | 3.0        | NOV 11      |  |  |  |  |
| NOV 21                              | 17      | 13.1 | 7.8       | 14.0   | 23.2 53         | -7.5 52        | I | 41 60    | 27.9      | 7.8                                     | 29.0        | -19 52  | -4.9     | 9.0       | -1.0       | NOV 21      |  |  |  |  |
| DEC 1                               | 18      | 10.6 | 5.9       | 9.5    | 21.1 58         | -0.3 60        | I | 31 65    | 26.1      | 3.2                                     | 26.5        | -25 51  | -9.4     | 9.6       | -1.0       | DEC 1       |  |  |  |  |
| DEC 11                              | 16      | 10.4 | 7.2       | 13.5   | 17.4 62         | -6.4 54        | I | 31 66    | 27.0      | 4.3                                     | 29.0        | -42 64  | -13.5    | 12.2      | -1.0       | DEC 11      |  |  |  |  |
| DEC 21                              | 16      | 6.9  | 6.2       | 4.5    | 20.4 64         | -1.1 52        | I | 37 64    | 24.8      | 5.8                                     | 24.0        | -28 51  | -13.8    | 9.2       | -1.0       | DEC 21      |  |  |  |  |
| MONTH                               |         |      |           |        |                 |                |   |          |           | I                                       | MONTH       |         |          |           |            |             |  |  |  |  |
| JAN                                 | 16      | 7.2  | 7.1       | 5.0    | 22.8 53         | -4.8 57        | I | 35 59    | 29.9      | 2.8                                     | 30.0        | -41 56  | -25.0    | 12.2      | -1.0       | JAN         |  |  |  |  |
| FEB                                 | 17      | 10.2 | 5.4       | 11.0   | 21.1 61         | 1.6 55         | I | 34 49    | 30.4      | 2.4                                     | 31.0        | -40 56  | -18.9    | 12.4      | -1.0       | FEB         |  |  |  |  |
| MAR                                 | 17      | 12.7 | 4.1       | 14.0   | 16.6 61         | 2.8 65         | I | 36 57    | 30.4      | 2.6                                     | 30.0        | -36 55  | -16.2    | 7.2       | -1.0       | MAR         |  |  |  |  |
| APR                                 | 17      | 21.9 | 1.7       | 22.0   | 25.0 66         | 18.5 55        | I | 39 59    | 33.3      | 2.1                                     | 33.0        | -3 52   | 5.7      | 4.9       | 7.0        | APR         |  |  |  |  |
| MAY                                 | 17      | 28.6 | 2.1       | 27.0   | 32.1 57         | 25.7 50        | I | 43 63    | 39.2      | 2.6                                     | 39.0        | 5 67    | 17.7     | 4.8       | 19.0       | MAY         |  |  |  |  |
| JUN                                 | 18      | 33.9 | 2.0       | 34.0   | 37.5 58         | 30.2 60        | I | 52 52    | 44.7      | 3.9                                     | 44.5        | 19 55   | 24.0     | 2.5       | 25.0       | JUN         |  |  |  |  |
| JUL                                 | 18      | 35.9 | 1.9       | 35.5   | 38.8 67         | 32.2 63        | I | 55 66    | 49.3      | 4.9                                     | 49.0        | 22 55   | 25.9     | 2.0       | 26.0       | JUL         |  |  |  |  |
| AUG                                 | 19      | 34.5 | 2.3       | 33.0   | 38.3 50         | 31.0 57        | I | 54 58    | 49.1      | 4.0                                     | 49.0        | 19 60   | 25.6     | 3.1       | 25.0       | AUG         |  |  |  |  |
| SEP                                 | 17      | 29.0 | 2.7       | 28.0   | 35.6 63         | 26.2 56        | I | 50 63    | 42.2      | 4.1                                     | 43.0        | 12 65   | 17.9     | 3.4       | 18.0       | SEP         |  |  |  |  |
| OCT                                 | 16      | 23.8 | 2.6       | 23.5   | 28.5 63         | 18.9 52        | I | 42 51    | 37.5      | 3.3                                     | 38.0        | 5 61    | 11.7     | 3.2       | 12.0       | OCT         |  |  |  |  |
| NOV                                 | 17      | 15.9 | 4.6       | 17.0   | 22.1 53         | 6.5 56         | I | 41 60    | 33.9      | 3.9                                     | 34.0        | -28 55  | -11.4    | 7.7       | -1.0       | NOV         |  |  |  |  |
| DEC                                 | 16      | 9.1  | 3.9       | 9.0    | 18.0 58         | 2.3 54         | I | 37 64    | 29.3      | 3.3                                     | 29.5        | -42 64  | -21.3    | 9.1       | -1.0       | DEC         |  |  |  |  |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE                                        |            |      |              |        |                    |                   |   |   |   | MEAN, STANDARD DEVIATION, AND EXTREME VALUES         |              |              |                |         |             |              |               |                |  |
|------------------------------------------------------------------|------------|------|--------------|--------|--------------------|-------------------|---|---|---|------------------------------------------------------|--------------|--------------|----------------|---------|-------------|--------------|---------------|----------------|--|
| STATION NUMBER 101663 CHALLIS<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                    |                   |   |   |   | 1951-1980<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |              |              |                |         |             |              |               |                |  |
| PRD.<br>BEGINS                                                   | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG, YR | LOWEST<br>AVG, YR | I | I | I | HIGH, YR                                             | AVG.<br>HIGH | STD.<br>DEV. | MEDIAN<br>HIGH | LOW, YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRD.<br>BEGINS |  |
| JAN 1                                                            | 30         | 27.1 | 8.3          | 28.0   | 40.2 69            | 5.9 74            | I | I | I | 54 69                                                | 38.5         | 8.0          | 39.0           | -1 79   | 14.8        | 9.4          | 15.0          | JAN 1          |  |
| JAN 11                                                           | 30         | 32.5 | 7.0          | 34.0   | 45.4 53            | 18.4 60           | I | I | I | 55 61                                                | 42.9         | 6.6          | 44.0           | -5 63   | 20.8        | 9.7          | 20.5          | JAN 11         |  |
| JAN 21                                                           | 30         | 31.4 | 7.2          | 31.5   | 45.1 53            | 15.8 79           | I | I | I | 59 71                                                | 43.6         | 6.3          | 42.0           | -5 62   | 18.7        | 10.8         | 22.0          | JAN 21         |  |
| FEB 1                                                            | 30         | 36.2 | 6.6          | 35.0   | 52.4 63            | 16.2 56           | I | I | I | 59 63                                                | 45.6         | 6.4          | 44.5           | -4 56   | 25.9        | 10.6         | 28.0          | FEB 1          |  |
| FEB 11                                                           | 30         | 38.5 | 5.8          | 38.5   | 53.7 77            | 28.2 56           | I | I | I | 58 77                                                | 48.0         | 5.6          | 49.0           | 14 56   | 29.7        | 7.2          | 29.5          | FEB 11         |  |
| FEB 21                                                           | 29         | 39.6 | 7.5          | 40.0   | 51.9 54            | 19.8 60           | I | I | I | 61 54                                                | 47.3         | 6.3          | 48.0           | 10 60   | 32.0        | 8.6          | 34.0          | FEB 21         |  |
| MAR 1                                                            | 30         | 41.1 | 5.7          | 42.0   | 53.6 68            | 31.3 52           | I | I | I | 68 72                                                | 50.3         | 7.0          | 50.0           | 11 60   | 31.5        | 7.6          | 29.5          | MAR 1          |  |
| MAR 11                                                           | 30         | 44.9 | 4.9          | 43.0   | 59.4 72            | 38.7 52           | I | I | I | 67 72                                                | 54.4         | 5.3          | 54.0           | 26 65   | 35.1        | 6.4          | 34.5          | MAR 11         |  |
| MAR 21                                                           | 30         | 51.1 | 5.8          | 51.0   | 63.5 78            | 38.1 75           | I | I | I | 73 66                                                | 61.2         | 6.4          | 61.5           | 23 75   | 40.4        | 6.4          | 39.5          | MAR 21         |  |
| APR 1                                                            | 29         | 54.7 | 5.5          | 53.0   | 67.0 60            | 41.5 75           | I | I | I | 77 77                                                | 64.1         | 7.2          | 65.0           | 36 75   | 44.6        | 5.2          | 44.0          | APR 1          |  |
| APR 11                                                           | 30         | 57.4 | 5.9          | 57.0   | 73.8 62            | 46.7 70           | I | I | I | 81 62                                                | 67.3         | 5.9          | 67.0           | 36 66   | 46.8        | 6.2          | 45.5          | APR 11         |  |
| APR 21                                                           | 30         | 59.6 | 6.2          | 60.0   | 76.3 77            | 48.3 67           | I | I | I | 85 77                                                | 70.6         | 7.0          | 71.5           | 38 67   | 48.5        | 6.2          | 46.5          | APR 21         |  |
| MAY 1                                                            | 30         | 64.7 | 6.2          | 65.0   | 82.7 66            | 52.9 75           | M | I | I | 89 66                                                | 75.1         | 5.8          | 75.0           | 42 65   | 52.6        | 6.6          | 53.5          | MAY 1          |  |
| MAY 11                                                           | 30         | 67.2 | 5.8          | 66.0   | 79.4 54            | 53.0 74           | I | I | I | 90 54                                                | 78.6         | 5.8          | 79.5           | 45 74   | 54.3        | 6.7          | 53.0          | MAY 11         |  |
| MAY 21                                                           | 29         | 69.7 | 5.8          | 69.0   | 82.5 66            | 60.1 59           | M | I | I | 93 66                                                | 80.5         | 5.6          | 80.0           | 46 80   | 57.4        | 6.6          | 56.0          | MAY 21         |  |
| JUN 1                                                            | 30         | 73.2 | 6.5          | 73.0   | 83.2 69            | 60.4 51           | I | I | I | 93 69                                                | 82.4         | 5.8          | 83.0           | 50 51   | 62.9        | 7.3          | 62.0          | JUN 1          |  |
| JUN 11                                                           | 30         | 75.8 | 5.5          | 76.0   | 90.5 74            | 67.0 64           | I | I | I | 95 74                                                | 84.8         | 5.0          | 84.0           | 52 57   | 64.9        | 6.7          | 64.5          | JUN 11         |  |
| JUN 21                                                           | 30         | 79.2 | 6.0          | 79.0   | 91.3 74            | 63.7 69           | I | I | I | 98 74                                                | 89.2         | 5.4          | 90.5           | 51 69   | 66.3        | 7.5          | 65.5          | JUN 21         |  |
| JUL 1                                                            | 30         | 83.9 | 5.2          | 85.0   | 92.4 75            | 69.3 55           | I | I | I | 99 73                                                | 91.1         | 4.7          | 92.0           | 61 78   | 73.5        | 7.4          | 74.5          | JUL 1          |  |
| JUL 11                                                           | 30         | 87.4 | 3.2          | 87.0   | 95.3 60            | 81.8 52           | I | I | I | 102 60                                               | 93.5         | 3.3          | 94.0           | 67 80   | 77.9        | 6.8          | 78.5          | JUL 11         |  |
| JUL 21                                                           | 30         | 88.3 | 3.2          | 87.0   | 93.7 66            | 81.5 77           | I | I | I | 103 64                                               | 94.7         | 3.3          | 94.5           | 62 77   | 79.3        | 7.0          | 80.5          | JUL 21         |  |
| AUG 1                                                            | 29         | 86.5 | 4.6          | 87.0   | 94.1 61            | 75.6 76           | I | I | I | 103 61                                               | 93.2         | 3.6          | 94.0           | 61 74   | 78.4        | 7.1          | 81.0          | AUG 1          |  |
| AUG 11                                                           | 29         | 84.3 | 6.1          | 85.0   | 91.6 67            | 70.4 68           | I | I | I | 98 69                                                | 91.4         | 3.8          | 92.0           | 58 78   | 75.3        | 9.7          | 80.0          | AUG 11         |  |
| AUG 21                                                           | 29         | 80.5 | 5.5          | 79.0   | 90.8 67            | 71.6 51           | I | I | I | 99 69                                                | 89.2         | 4.7          | 89.0           | 58 60   | 69.5        | 8.0          | 66.0          | AUG 21         |  |
| SEP 1                                                            | 30         | 79.0 | 3.8          | 79.0   | 87.6 55            | 72.4 65           | I | I | I | 93 69                                                | 86.9         | 3.2          | 86.5           | 56 73   | 67.7        | 5.6          | 69.0          | SEP 1          |  |
| SEP 11                                                           | 30         | 73.1 | 5.4          | 73.0   | 82.2 56            | 57.2 78           | I | I | I | 91 73                                                | 83.8         | 4.3          | 84.0           | 40 65   | 60.5        | 8.4          | 61.0          | SEP 11         |  |
| SEP 21                                                           | 30         | 71.0 | 6.6          | 71.5   | 83.2 67            | 57.1 59           | I | I | I | 90 66                                                | 79.5         | 5.6          | 81.0           | 44 71   | 59.6        | 8.8          | 62.0          | SEP 21         |  |
| OCT 1                                                            | 30         | 68.0 | 5.4          | 68.0   | 76.7 79            | 57.6 77           | I | I | I | 83 65                                                | 77.1         | 4.3          | 78.0           | 44 59   | 55.4        | 7.6          | 53.0          | OCT 1          |  |
| OCT 11                                                           | 28         | 62.4 | 4.9          | 63.0   | 70.3 58            | 49.4 69           | I | I | I | 80 71                                                | 72.5         | 4.6          | 72.5           | 41 69   | 50.6        | 5.5          | 51.0          | OCT 11         |  |
| OCT 21                                                           | 29         | 55.3 | 5.5          | 55.0   | 66.5 62            | 47.0 75           | I | I | I | 72 78                                                | 65.8         | 5.0          | 68.0           | 27 71   | 45.2        | 7.2          | 45.0          | OCT 21         |  |
| NOV 1                                                            | 29         | 49.3 | 5.0          | 49.0   | 62.2 65            | 39.6 73           | I | I | I | 67 80                                                | 57.9         | 5.4          | 58.0           | 24 73   | 39.7        | 7.3          | 40.0          | NOV 1          |  |
| NOV 11                                                           | 29         | 42.6 | 5.9          | 42.0   | 54.1 54            | 27.2 55           | I | I | I | 65 54                                                | 53.4         | 6.1          | 53.0           | 9 55    | 32.5        | 7.8          | 32.0          | NOV 11         |  |
| NOV 21                                                           | 29         | 38.5 | 5.0          | 39.0   | 46.2 53            | 25.9 52           | I | I | I | 58 59                                                | 48.4         | 5.6          | 50.0           | 12 75   | 27.9        | 6.7          | 30.0          | NOV 21         |  |
| DEC 1                                                            | 29         | 35.7 | 4.2          | 35.0   | 45.0 75            | 26.3 78           | I | I | I | 55 51                                                | 44.8         | 5.3          | 43.0           | 2 72    | 25.6        | 6.9          | 27.0          | DEC 1          |  |
| DEC 11                                                           | 28         | 32.1 | 5.5          | 33.0   | 41.3 79            | 20.7 67           | I | I | I | 52 79                                                | 42.4         | 4.6          | 42.0           | 8 72    | 22.1        | 6.7          | 23.0          | DEC 11         |  |
| DEC 21                                                           | 29         | 30.9 | 4.6          | 30.0   | 46.5 80            | 24.3 52           | I | I | I | 59 80                                                | 42.3         | 5.6          | 42.0           | -1 78   | 18.9        | 7.3          | 20.0          | DEC 21         |  |
| MONTH                                                            |            |      |              |        |                    |                   |   |   |   | MONTH                                                |              |              |                |         |             |              |               |                |  |
| JAN                                                              | 30         | 30.4 | 5.1          | 30.0   | 42.5 53            | 17.1 79           | I | I | I | 59 71                                                | 46.0         | 6.0          | 46.0           | -5 63   | 9.4         | 9.6          | 8.0           | JAN            |  |
| FEB                                                              | 29         | 38.0 | 5.1          | 37.0   | 49.3 63            | 27.4 56           | I | I | I | 61 54                                                | 51.0         | 5.0          | 50.0           | -4 56   | 22.5        | 10.0         | 24.0          | FEB            |  |
| MAR                                                              | 30         | 45.9 | 4.0          | 44.0   | 55.1 68            | 39.5 52           | I | I | I | 73 66                                                | 61.8         | 5.7          | 62.0           | 11 60   | 29.8        | 6.6          | 28.5          | MAR            |  |
| APR                                                              | 29         | 57.3 | 4.2          | 57.0   | 64.9 77            | 48.2 75           | I | I | I | 85 77                                                | 72.4         | 5.5          | 72.0           | 36 75   | 42.0        | 4.0          | 42.0          | APR            |  |
| MAY                                                              | 29         | 67.4 | 4.2          | 67.0   | 77.5 66            | 59.5 78           | I | I | I | 93 66                                                | 82.7         | 4.6          | 83.0           | 42 65   | 49.5        | 5.0          | 48.0          | MAY            |  |
| JUN                                                              | 30         | 76.0 | 3.6          | 75.0   | 84.5 74            | 69.2 51           | M | I | I | 98 74                                                | 90.6         | 3.7          | 91.0           | 50 51   | 58.5        | 4.9          | 58.0          | JUN            |  |
| JUL                                                              | 30         | 86.6 | 2.7          | 86.0   | 91.4 66            | 81.4 55           | I | I | I | 103 64                                               | 96.0         | 2.7          | 96.0           | 61 78   | 71.1        | 6.6          | 71.5          | JUL            |  |
| AUG                                                              | 29         | 83.6 | 4.2          | 82.0   | 90.6 69            | 75.9 76           | I | I | I | 103 61                                               | 94.4         | 2.8          | 94.0           | 58 78   | 68.0        | 8.0          | 65.0          | AUG            |  |
| SEP                                                              | 30         | 74.4 | 3.9          | 73.5   | 80.6 79            | 66.5 65           | M | I | I | 93 69                                                | 87.9         | 2.8          | 88.0           | 40 65   | 55.6        | 7.9          | 55.5          | SEP            |  |
| OCT                                                              | 28         | 61.6 | 3.4          | 60.5   | 68.5 52            | 55.3 69           | I | I | I | 83 65                                                | 77.9         | 3.1          | 78.5           | 27 71   | 43.7        | 5.5          | 45.0          | OCT            |  |
| NOV                                                              | 28         | 43.5 | 3.8          | 43.0   | 51.9 54            | 37.7 55           | M | I | I | 67 80                                                | 58.9         | 5.0          | 59.0           | 9 55    | 25.4        | 6.7          | 27.5          | NOV            |  |
| DEC                                                              | 27         | 32.8 | 3.0          | 33.0   | 39.3 80            | 26.8 78           | I | I | I | 59 80                                                | 47.3         | 4.8          | 47.0           | -1 78   | 15.9        | 6.2          | 17.0          | DEC            |  |

(con.)

Table 21 (Con.)

| MINIMUM DAILY TEMPERATURE                                        |       |      |      |        |         |          |     |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES         |      |      |        |        |       |      |        |        |    |
|------------------------------------------------------------------|-------|------|------|--------|---------|----------|-----|--|--|------------------------------------------------------|------|------|--------|--------|-------|------|--------|--------|----|
| STATION NUMBER 101663 CHALLIS<br>10-DAY AND MONTHLY PERIOD MEANS |       |      |      |        |         |          |     |  |  | 1951-1980<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |      |      |        |        |       |      |        |        |    |
| PRD.                                                             | NO.   | MEAN | STD. | MEDIAN | HIGHEST | LOWEST   |     |  |  | HIGH                                                 | AVG. | STD. | MEDIAN | LOW    | AVG.  | STD. | MEDIAN | PRD.   |    |
| BEGINS                                                           | YRS   |      | DEV. |        | AVG.YR  | AVG.YR   |     |  |  | YR                                                   | HIGH | DEV. | HIGH   | YR     | LOW   | DEV. | LOW    | BEGINS |    |
| JAN                                                              | 1 30  | 7.4  | 9.5  | 7.0    | 22.5 66 | -17.7 74 | I   |  |  | 37 69                                                | 22.2 | 9.8  | 23.5   | -27 79 | -6.0  | 9.8  | -1.0   | JAN    | 1  |
| JAN                                                              | 11 30 | 13.3 | 8.3  | 14.5   | 31.0 53 | -2.3 63  | I   |  |  | 39 53                                                | 26.1 | 8.0  | 25.5   | -24 63 | -1.2  | 10.6 | -0.5   | JAN    | 11 |
| JAN                                                              | 21 30 | 10.4 | 9.0  | 10.0   | 26.5 70 | -8.0 57  | I   |  |  | 40 71                                                | 24.9 | 8.4  | 22.0   | -32 62 | -4.0  | 12.6 | -0.5   | JAN    | 21 |
| FEB                                                              | 1 30  | 13.6 | 7.5  | 13.0   | 29.0 63 | -9.1 56  | I   |  |  | 37 61                                                | 25.1 | 7.1  | 25.5   | -28 56 | 1.3   | 11.6 | 4.5    | FEB    | 1  |
| FEB                                                              | 11 29 | 17.9 | 5.7  | 18.0   | 27.1 61 | 2.9 52   | I   |  |  | 38 79                                                | 29.2 | 6.0  | 31.0   | -12 56 | 7.2   | 7.7  | 7.0    | FEB    | 11 |
| FEB                                                              | 21 29 | 17.3 | 7.8  | 19.0   | 28.1 57 | 0.1 60   | I   |  |  | 38 72                                                | 27.9 | 6.7  | 28.0   | -16 62 | 9.0   | 10.3 | 10.0   | FEB    | 21 |
| MAR                                                              | 1 30  | 18.9 | 5.4  | 19.5   | 27.2 80 | 6.4 52   | I   |  |  | 40 54                                                | 30.3 | 5.3  | 31.5   | -15 60 | 7.7   | 8.8  | 9.0    | MAR    | 1  |
| MAR                                                              | 11 30 | 20.9 | 4.4  | 20.0   | 30.2 72 | 13.8 52  | I   |  |  | 37 72                                                | 30.4 | 3.7  | 30.5   | -3 51  | 10.9  | 7.0  | 11.5   | MAR    | 11 |
| MAR                                                              | 21 30 | 25.2 | 3.8  | 24.5   | 33.1 78 | 16.0 75  | I   |  |  | 45 68                                                | 34.3 | 3.8  | 34.0   | 3 75   | 16.2  | 6.3  | 16.5   | MAR    | 21 |
| APR                                                              | 1 29  | 28.4 | 3.1  | 28.0   | 33.7 60 | 20.8 75  | I   |  |  | 44 70                                                | 37.7 | 4.5  | 38.0   | 12 75  | 19.5  | 3.7  | 20.0   | APR    | 1  |
| APR                                                              | 11 30 | 29.9 | 2.5  | 29.0   | 34.7 62 | 25.2 70  | I   |  |  | 46 62                                                | 38.1 | 3.8  | 38.0   | 15 66  | 21.7  | 3.8  | 22.0   | APR    | 11 |
| APR                                                              | 21 30 | 33.0 | 3.4  | 33.0   | 41.2 80 | 27.0 75  | I   |  |  | 49 63                                                | 40.5 | 4.3  | 40.5   | 19 63  | 26.0  | 4.2  | 24.5   | APR    | 21 |
| MAY                                                              | 1 30  | 36.3 | 3.3  | 36.0   | 43.0 80 | 29.3 59  | M I |  |  | 52 55                                                | 43.9 | 3.7  | 44.0   | 16 54  | 28.4  | 4.7  | 28.0   | MAY    | 1  |
| MAY                                                              | 11 30 | 38.1 | 3.1  | 37.5   | 44.6 69 | 31.5 74  | I   |  |  | 52 54                                                | 46.2 | 4.2  | 46.0   | 22 74  | 30.5  | 4.2  | 31.0   | MAY    | 11 |
| MAY                                                              | 21 29 | 41.0 | 3.2  | 40.0   | 47.6 58 | 35.5 53  | I   |  |  | 56 69                                                | 49.1 | 2.9  | 49.0   | 26 66  | 33.4  | 4.3  | 34.0   | MAY    | 21 |
| JUN                                                              | 1 30  | 43.8 | 4.1  | 43.0   | 54.6 72 | 34.4 51  | I   |  |  | 59 77                                                | 50.7 | 3.4  | 50.5   | 28 54  | 36.2  | 5.3  | 34.5   | JUN    | 1  |
| JUN                                                              | 11 30 | 45.6 | 3.0  | 45.0   | 52.3 74 | 39.1 76  | I   |  |  | 58 72                                                | 52.7 | 2.9  | 52.5   | 30 73  | 37.9  | 4.1  | 38.5   | JUN    | 11 |
| JUN                                                              | 21 30 | 46.8 | 3.6  | 46.0   | 54.0 70 | 41.0 76  | I   |  |  | 62 70                                                | 53.9 | 3.5  | 53.0   | 28 76  | 38.0  | 5.1  | 38.0   | JUN    | 21 |
| JUL                                                              | 1 30  | 49.0 | 3.0  | 48.0   | 54.1 75 | 42.7 55  | I   |  |  | 68 60                                                | 56.1 | 4.7  | 55.0   | 31 55  | 41.6  | 4.1  | 41.0   | JUL    | 1  |
| JUL                                                              | 11 30 | 51.7 | 2.3  | 52.0   | 55.6 54 | 47.0 52  | I   |  |  | 64 65                                                | 57.7 | 3.0  | 58.0   | 39 74  | 45.3  | 3.6  | 45.0   | JUL    | 11 |
| JUL                                                              | 21 30 | 52.0 | 2.3  | 52.0   | 57.2 60 | 45.1 51  | I   |  |  | 64 59                                                | 58.7 | 3.3  | 58.5   | 38 54  | 45.5  | 3.1  | 45.0   | JUL    | 21 |
| AUG                                                              | 1 29  | 50.6 | 2.8  | 50.0   | 56.3 61 | 45.4 62  | I   |  |  | 65 61                                                | 58.1 | 3.6  | 58.0   | 38 74  | 44.6  | 4.1  | 45.0   | AUG    | 1  |
| AUG                                                              | 11 29 | 49.4 | 2.9  | 49.0   | 56.5 61 | 44.4 78  | I   |  |  | 66 61                                                | 56.7 | 3.6  | 57.0   | 34 74  | 43.3  | 4.2  | 44.0   | AUG    | 11 |
| AUG                                                              | 21 29 | 46.2 | 3.0  | 45.0   | 53.5 61 | 41.2 60  | I   |  |  | 67 61                                                | 54.2 | 4.6  | 54.0   | 32 60  | 38.4  | 4.4  | 37.0   | AUG    | 21 |
| SEP                                                              | 1 30  | 44.2 | 3.2  | 43.0   | 52.6 60 | 38.1 64  | I   |  |  | 60 60                                                | 51.9 | 4.1  | 51.0   | 30 64  | 36.6  | 4.4  | 36.0   | SEP    | 1  |
| SEP                                                              | 11 30 | 40.8 | 3.4  | 40.0   | 47.5 59 | 32.6 65  | I   |  |  | 60 66                                                | 49.1 | 3.9  | 48.0   | 17 65  | 32.6  | 5.3  | 32.0   | SEP    | 11 |
| SEP                                                              | 21 30 | 37.7 | 3.5  | 36.5   | 44.7 67 | 30.9 61  | I   |  |  | 52 66                                                | 44.6 | 3.6  | 45.0   | 22 61  | 30.1  | 4.8  | 29.0   | SEP    | 21 |
| OCT                                                              | 1 30  | 34.9 | 3.1  | 34.0   | 45.0 63 | 29.9 77  | I   |  |  | 55 63                                                | 43.0 | 4.4  | 42.5   | 20 55  | 27.2  | 4.1  | 28.0   | OCT    | 1  |
| OCT                                                              | 11 28 | 32.4 | 3.4  | 32.0   | 39.5 72 | 22.5 69  | I   |  |  | 50 75                                                | 41.8 | 5.6  | 41.0   | 11 69  | 24.8  | 4.7  | 25.5   | OCT    | 11 |
| OCT                                                              | 21 29 | 28.3 | 3.1  | 28.0   | 32.4 57 | 22.5 51  | I   |  |  | 50 59                                                | 38.8 | 4.9  | 39.0   | 1 71   | 19.2  | 5.6  | 19.0   | OCT    | 21 |
| NOV                                                              | 1 29  | 24.9 | 5.1  | 24.0   | 36.8 58 | 17.0 52  | I   |  |  | 52 58                                                | 35.6 | 6.3  | 36.0   | 2 71   | 15.7  | 6.6  | 16.0   | NOV    | 1  |
| NOV                                                              | 11 29 | 21.7 | 5.9  | 21.0   | 31.7 54 | 9.0 55   | I   |  |  | 41 67                                                | 32.7 | 4.4  | 33.0   | -10 55 | 10.9  | 8.2  | 13.0   | NOV    | 11 |
| NOV                                                              | 21 29 | 17.5 | 6.2  | 18.0   | 28.2 53 | 3.4 52   | I   |  |  | 48 60                                                | 29.9 | 7.3  | 30.0   | -12 79 | 5.8   | 7.8  | 7.0    | NOV    | 21 |
| DEC                                                              | 1 30  | 14.7 | 6.8  | 14.0   | 25.2 75 | -13.1 72 | M I |  |  | 39 51                                                | 27.9 | 6.1  | 28.0   | -25 72 | 2.3   | 8.9  | 4.5    | DEC    | 1  |
| DEC                                                              | 11 29 | 13.2 | 6.2  | 14.0   | 23.8 69 | 1.5 67   | I   |  |  | 34 77                                                | 25.0 | 5.4  | 25.0   | -20 64 | 1.4   | 9.0  | 4.0    | DEC    | 11 |
| DEC                                                              | 21 29 | 11.9 | 5.9  | 10.0   | 28.0 80 | 3.6 78   | I   |  |  | 38 64                                                | 25.8 | 5.7  | 25.0   | -24 78 | -2.1  | 9.2  | -1.0   | DEC    | 21 |
| MONTH                                                            |       |      |      |        |         |          |     |  |  | MONTH                                                |      |      |        |        |       |      |        |        |    |
| JAN                                                              | 30    | 10.4 | 6.5  | 9.5    | 25.3 53 | -5.6 79  | I   |  |  | 40 71                                                | 30.0 | 5.8  | 31.0   | -32 62 | -12.7 | 9.9  | -1.0   | JAN    |    |
| FEB                                                              | 28    | 16.3 | 4.8  | 16.0   | 26.1 63 | 5.9 52   | I   |  |  | 38 79                                                | 32.7 | 4.3  | 33.5   | -28 56 | -2.4  | 11.6 | 0.5    | FEB    |    |
| MAR                                                              | 30    | 21.8 | 3.3  | 21.0   | 28.5 68 | 14.5 52  | I   |  |  | 45 68                                                | 35.4 | 3.3  | 35.5   | -15 60 | 5.9   | 7.8  | 7.5    | MAR    |    |
| APR                                                              | 29    | 30.4 | 2.0  | 30.0   | 33.3 65 | 25.5 75  | I   |  |  | 49 63                                                | 42.1 | 3.5  | 43.0   | 12 75  | 18.7  | 3.3  | 20.0   | APR    |    |
| MAY                                                              | 29    | 38.6 | 2.2  | 38.0   | 42.5 69 | 33.6 59  | M I |  |  | 57 54                                                | 49.8 | 3.0  | 50.0   | 16 54  | 26.8  | 3.9  | 27.0   | MAY    |    |
| JUN                                                              | 30    | 45.4 | 2.3  | 45.0   | 50.4 72 | 41.0 51  | M I |  |  | 62 70                                                | 55.3 | 2.9  | 55.0   | 28 76  | 33.6  | 3.5  | 33.0   | JUN    |    |
| JUL                                                              | 30    | 50.9 | 1.6  | 50.5   | 54.5 60 | 48.1 62  | I   |  |  | 68 60                                                | 60.6 | 2.9  | 60.0   | 31 55  | 40.8  | 3.8  | 40.5   | JUL    |    |
| AUG                                                              | 29    | 48.6 | 2.3  | 47.0   | 55.4 61 | 45.5 75  | I   |  |  | 67 61                                                | 59.6 | 2.6  | 59.0   | 32 60  | 38.1  | 4.3  | 37.0   | AUG    |    |
| SEP                                                              | 30    | 40.9 | 2.4  | 40.0   | 46.6 63 | 36.2 65  | I   |  |  | 60 66                                                | 53.1 | 3.8  | 53.5   | 17 65  | 28.4  | 4.0  | 28.0   | SEP    |    |
| OCT                                                              | 28    | 31.8 | 2.0  | 31.0   | 37.6 63 | 28.5 51  | I   |  |  | 55 63                                                | 45.3 | 4.4  | 44.5   | 1 71   | 18.0  | 5.2  | 18.0   | OCT    |    |
| NOV                                                              | 28    | 21.6 | 3.6  | 21.5   | 26.9 65 | 14.9 52  | I   |  |  | 52 58                                                | 38.1 | 5.0  | 38.0   | -12 79 | 2.8   | 6.7  | 3.0    | NOV    |    |
| DEC                                                              | 29    | 13.3 | 3.8  | 13.0   | 20.3 80 | 5.4 72   | M I |  |  | 39 51                                                | 31.4 | 3.9  | 31.0   | -25 72 | -6.8  | 8.5  | -1.0   | DEC    |    |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE       |     |      |      |        |         |         |         | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |        |      |        |        |        |      |        |        |        |
|---------------------------------|-----|------|------|--------|---------|---------|---------|----------------------------------------------|--------|------|--------|--------|--------|------|--------|--------|--------|
| STATION NUMBER 101932 COBALT    |     |      |      |        |         |         |         | 1962-1981                                    |        |      |        |        |        |      |        |        |        |
| 10-DAY AND MONTHLY PERIOD MEANS |     |      |      |        |         |         |         | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |        |      |        |        |        |      |        |        |        |
| PRD.                            | NO. |      | STD. |        | HIGHEST | LOWEST  |         |                                              | AVG.   | STD. | MEDIAN |        | AVG.   | STD. | MEDIAN | PRO.   |        |
| BEGINS                          | YRS | MEAN | DEV. | MEDIAN | AVG.YR  | AVG.YR  |         | HIGH.YR                                      | HIGH   | DEV. | HIGH   | LOW.YR | LOW    | DEV. | LOW    | BEGINS |        |
| JAN                             | 1   | 20   | 25.8 | 8.5    | 28.5    | 36.9 66 | 7.5 79  | I                                            | 47 69  | 36.1 | 8.0    | 37.5   | -10 79 | 13.7 | 9.7    | 16.0   | JAN 1  |
| JAN                             | 11  | 20   | 32.0 | 6.2    | 34.0    | 39.4 67 | 13.7 63 | I                                            | 55 71  | 41.8 | 6.6    | 43.0   | 0 63   | 20.5 | 7.7    | 20.5   | JAN 11 |
| JAN                             | 21  | 20   | 30.2 | 6.5    | 30.0    | 40.8 71 | 18.0 63 | I                                            | 57 71  | 40.6 | 6.6    | 40.5   | 2 62   | 19.3 | 9.1    | 21.0   | JAN 21 |
| FEB                             | 1   | 20   | 35.6 | 4.4    | 35.0    | 42.2 62 | 26.3 66 | I                                            | 53 67  | 45.7 | 3.6    | 45.5   | 12 72  | 26.1 | 7.4    | 28.0   | FEB 1  |
| FEB                             | 11  | 20   | 39.5 | 4.2    | 38.5    | 51.0 77 | 33.4 66 | I                                            | 55 77  | 47.6 | 3.6    | 48.0   | 15 66  | 30.6 | 7.0    | 30.5   | FEB 11 |
| FEB                             | 21  | 20   | 41.5 | 5.5    | 42.5    | 47.5 70 | 24.1 62 | I                                            | 58 80  | 49.4 | 4.9    | 50.5   | 11 62  | 33.6 | 7.3    | 35.0   | FEB 21 |
| MAR                             | 1   | 19   | 43.0 | 4.5    | 42.0    | 52.9 81 | 36.9 71 | I                                            | 65 72  | 52.3 | 5.6    | 52.0   | 27 76  | 34.3 | 5.9    | 32.0   | MAR 1  |
| MAR                             | 11  | 19   | 45.7 | 4.1    | 45.0    | 53.9 72 | 38.7 63 | I                                            | 64 78  | 55.2 | 3.9    | 55.0   | 23 65  | 36.4 | 4.7    | 37.0   | MAR 11 |
| MAR                             | 21  | 19   | 47.8 | 5.4    | 46.0    | 62.0 78 | 37.8 75 | I                                            | 68 78  | 58.9 | 5.7    | 59.0   | 23 75  | 36.6 | 6.7    | 37.0   | MAR 21 |
| APR                             | 1   | 18   | 51.3 | 4.9    | 50.5    | 59.7 69 | 41.4 75 | I                                            | 76 77  | 61.0 | 7.4    | 60.0   | 34 63  | 41.2 | 5.4    | 40.5   | APR 1  |
| APR                             | 11  | 18   | 55.1 | 6.3    | 54.0    | 65.7 62 | 43.0 70 | I                                            | 78 80  | 65.6 | 7.7    | 65.0   | 35 63  | 43.2 | 4.7    | 43.0   | APR 11 |
| APR                             | 21  | 18   | 58.1 | 7.7    | 58.5    | 73.8 77 | 45.4 70 | I                                            | 81 77  | 69.2 | 8.7    | 70.0   | 36 67  | 46.3 | 8.2    | 44.5   | APR 21 |
| MAY                             | 1   | 17   | 62.6 | 4.3    | 62.0    | 68.6 69 | 53.9 75 | I                                            | 79 81  | 72.9 | 4.1    | 73.0   | 40 79  | 49.2 | 5.7    | 50.0   | MAY 1  |
| MAY                             | 11  | 17   | 64.8 | 6.9    | 64.0    | 77.9 73 | 49.5 74 | I                                            | 83 70  | 76.0 | 6.5    | 77.0   | 41 81  | 51.9 | 7.6    | 49.0   | MAY 11 |
| MAY                             | 21  | 17   | 67.6 | 4.9    | 67.0    | 75.4 63 | 59.9 80 | I                                            | 86 77  | 80.5 | 4.0    | 81.0   | 43 80  | 53.9 | 6.9    | 52.0   | MAY 21 |
| JUN                             | 1   | 17   | 71.7 | 5.7    | 72.0    | 81.7 77 | 63.2 62 | I                                            | 92 72  | 81.5 | 5.6    | 81.0   | 51 62  | 59.2 | 5.9    | 58.0   | JUN 1  |
| JUN                             | 11  | 17   | 73.0 | 5.9    | 71.0    | 90.5 74 | 66.8 81 | M I                                          | 95 74  | 82.5 | 5.7    | 82.0   | 50 81  | 61.4 | 8.4    | 60.0   | JUN 11 |
| JUN                             | 21  | 17   | 77.3 | 6.4    | 78.0    | 86.4 81 | 60.6 69 | I                                            | 92 81  | 86.8 | 4.9    | 88.0   | 48 69  | 65.2 | 9.5    | 67.0   | JUN 21 |
| JUL                             | 1   | 17   | 81.9 | 5.5    | 82.0    | 89.6 73 | 70.8 78 | I                                            | 100 73 | 89.1 | 5.1    | 89.0   | 59 78  | 72.1 | 6.7    | 73.0   | JUL 1  |
| JUL                             | 11  | 17   | 83.8 | 3.2    | 84.0    | 89.0 81 | 77.1 62 | I                                            | 97 73  | 90.9 | 3.4    | 91.0   | 59 72  | 74.0 | 7.2    | 75.0   | JUL 11 |
| JUL                             | 21  | 17   | 85.3 | 3.4    | 86.0    | 89.4 80 | 75.9 62 | I                                            | 98 72  | 91.8 | 3.1    | 92.0   | 60 62  | 75.8 | 8.6    | 78.0   | JUL 21 |
| AUG                             | 1   | 17   | 84.2 | 5.1    | 85.0    | 90.8 79 | 70.6 62 | I                                            | 98 79  | 91.5 | 3.9    | 92.0   | 63 62  | 76.8 | 6.7    | 77.0   | AUG 1  |
| AUG                             | 11  | 19   | 82.2 | 6.4    | 84.0    | 90.0 67 | 66.9 68 | I                                            | 95 81  | 89.7 | 3.7    | 90.0   | 53 78  | 71.4 | 11.4   | 75.0   | AUG 11 |
| AUG                             | 21  | 19   | 79.5 | 6.1    | 78.0    | 89.4 81 | 67.9 62 | I                                            | 97 69  | 87.5 | 5.0    | 88.0   | 56 75  | 70.0 | 8.0    | 70.0   | AUG 21 |
| SEP                             | 1   | 19   | 78.2 | 4.6    | 78.0    | 84.6 81 | 69.0 70 | I                                            | 93 67  | 87.0 | 4.2    | 88.0   | 50 73  | 66.1 | 8.0    | 68.0   | SEP 1  |
| SEP                             | 11  | 18   | 70.8 | 6.5    | 70.0    | 86.0 81 | 56.7 78 | I                                            | 94 81  | 81.9 | 4.9    | 82.0   | 45 68  | 55.3 | 7.3    | 56.0   | SEP 11 |
| SEP                             | 21  | 19   | 69.5 | 7.4    | 70.0    | 79.8 79 | 56.9 62 | I                                            | 87 67  | 78.9 | 5.8    | 79.0   | 39 68  | 57.4 | 9.9    | 59.0   | SEP 21 |
| OCT                             | 1   | 19   | 65.6 | 7.3    | 66.0    | 78.2 79 | 53.8 69 | I                                            | 83 79  | 75.5 | 5.8    | 77.0   | 41 70  | 54.1 | 10.4   | 51.0   | OCT 1  |
| OCT                             | 11  | 19   | 59.1 | 6.5    | 61.0    | 67.4 63 | 46.2 69 | I                                            | 79 79  | 68.8 | 6.5    | 69.0   | 35 69  | 47.7 | 8.2    | 45.0   | OCT 11 |
| OCT                             | 21  | 19   | 53.2 | 4.7    | 52.0    | 59.8 64 | 43.7 70 | I                                            | 70 73  | 64.3 | 4.8    | 65.0   | 24 71  | 42.2 | 6.6    | 43.0   | OCT 21 |
| NOV                             | 1   | 19   | 47.0 | 4.8    | 46.0    | 55.0 80 | 37.8 73 | I                                            | 65 75  | 55.9 | 5.4    | 56.0   | 25 78  | 38.3 | 6.0    | 39.0   | NOV 1  |
| NOV                             | 11  | 19   | 41.7 | 5.4    | 42.0    | 50.6 76 | 32.9 78 | I                                            | 61 76  | 50.4 | 6.3    | 51.0   | 15 77  | 31.3 | 7.3    | 32.0   | NOV 11 |
| NOV                             | 21  | 19   | 34.8 | 3.2    | 35.0    | 40.2 74 | 27.2 79 | I                                            | 54 74  | 43.5 | 4.5    | 43.0   | 13 79  | 24.8 | 6.7    | 23.0   | NOV 21 |
| DEC                             | 1   | 19   | 32.7 | 6.3    | 34.0    | 42.8 75 | 17.7 72 | I                                            | 55 65  | 43.7 | 6.0    | 42.0   | 0 72   | 22.1 | 9.2    | 25.0   | DEC 1  |
| DEC                             | 11  | 19   | 29.5 | 5.5    | 30.0    | 39.6 79 | 19.8 67 | I                                            | 48 79  | 39.1 | 3.8    | 39.0   | 2 63   | 18.4 | 8.4    | 21.0   | DEC 11 |
| DEC                             | 21  | 19   | 29.1 | 4.8    | 28.0    | 41.9 80 | 22.4 78 | I                                            | 50 80  | 40.7 | 4.4    | 40.0   | -8 78  | 16.8 | 9.0    | 19.0   | DEC 21 |
| MONTH                           |     |      |      |        |         |         |         | I                                            |        |      |        |        |        |      |        |        | MONTH  |
| JAN                             | 20  | 29.4 | 4.3  | 29.5   | 36.0 67 | 17.9 79 | I       | 57 71                                        | 44.8   | 4.7  | 45.0   | -10 79 | 10.1   | 9.0  | 10.5   | JAN    |        |
| FEB                             | 20  | 38.7 | 2.8  | 38.5   | 43.9 77 | 32.4 66 | I       | 58 80                                        | 50.9   | 3.7  | 51.5   | 11 62  | 23.6   | 7.0  | 24.0   | FEB    |        |
| MAR                             | 19  | 45.6 | 3.3  | 44.0   | 52.7 78 | 41.7 71 | I       | 68 78                                        | 59.7   | 4.6  | 60.0   | 23 75  | 31.2   | 4.3  | 31.0   | MAR    |        |
| APR                             | 18  | 54.9 | 4.8  | 54.5   | 64.1 77 | 45.8 75 | I       | 81 77                                        | 71.0   | 7.0  | 71.0   | 34 63  | 38.3   | 3.0  | 38.0   | APR    |        |
| MAY                             | 17  | 65.1 | 3.6  | 64.0   | 71.1 76 | 60.2 78 | I       | 86 77                                        | 81.2   | 3.7  | 82.0   | 40 79  | 46.2   | 4.8  | 45.0   | MAY    |        |
| JUN                             | 17  | 73.9 | 3.2  | 74.0   | 81.7 74 | 69.5 62 | M I     | 95 74                                        | 88.8   | 3.3  | 89.0   | 48 69  | 54.4   | 3.3  | 55.0   | JUN    |        |
| JUL                             | 17  | 83.8 | 2.8  | 84.0   | 88.1 81 | 76.7 62 | I       | 100 73                                       | 93.7   | 3.2  | 94.0   | 59 78  | 67.5   | 6.0  | 67.0   | JUL    |        |
| AUG                             | 17  | 82.0 | 4.8  | 81.0   | 89.4 81 | 72.3 62 | I       | 98 79                                        | 92.9   | 2.8  | 93.0   | 53 78  | 65.8   | 9.6  | 66.0   | AUG    |        |
| SEP                             | 18  | 72.7 | 4.5  | 72.0   | 81.7 79 | 65.2 62 | I       | 94 81                                        | 87.6   | 3.7  | 88.0   | 39 68  | 52.1   | 7.3  | 50.0   | SEP    |        |
| OCT                             | 18  | 58.7 | 4.6  | 58.0   | 66.3 78 | 50.7 69 | I       | 83 79                                        | 75.6   | 5.0  | 77.5   | 24 71  | 40.5   | 5.7  | 41.0   | OCT    |        |
| NOV                             | 19  | 41.1 | 2.8  | 41.0   | 46.1 76 | 36.8 62 | M I     | 65 75                                        | 56.6   | 5.1  | 57.0   | 13 79  | 23.8   | 6.2  | 23.0   | NOV    |        |
| DEC                             | 19  | 30.4 | 3.5  | 29.0   | 36.5 79 | 23.9 78 | I       | 55 65                                        | 45.7   | 4.4  | 45.0   | -8 78  | 13.0   | 9.0  | 15.0   | DEC    |        |

(con.)

Table 21 (Con.)

| MINIMUM DAILY TEMPERATURE                                       |            |      |              |        |                    |                   |   |   |   | MEAN, STANDARD DEVIATION, AND EXTREME VALUES         |              |              |                |         |             |              |               |                |  |
|-----------------------------------------------------------------|------------|------|--------------|--------|--------------------|-------------------|---|---|---|------------------------------------------------------|--------------|--------------|----------------|---------|-------------|--------------|---------------|----------------|--|
| STATION NUMBER 101932 COBALT<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                    |                   |   |   |   | 1962-1981<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |              |              |                |         |             |              |               |                |  |
| PRD.<br>BEGINS                                                  | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG. YR | LOWEST<br>AVG. YR |   |   |   | HIGH, YR                                             | AVG.<br>HIGH | STD.<br>DEV. | MEDIAN<br>HIGH | LOW, YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRD.<br>BEGINS |  |
| JAN 1                                                           | 20         | 3.4  | 9.5          | 5.0    | 15.4 66            | -18.3 74          | I | I | I | 32 69                                                | 19.6         | 8.4          | 20.0           | -28 79  | -12.1       | 11.2         | -1.0          | JAN 1          |  |
| JAN 11                                                          | 20         | 10.2 | 8.1          | 12.0   | 21.7 67            | -9.4 63           | I | I | I | 34 74                                                | 23.9         | 8.0          | 25.0           | -29 63  | -7.4        | 9.7          | -1.0          | JAN 11         |  |
| JAN 21                                                          | 20         | 6.4  | 8.4          | 4.0    | 20.2 74            | -6.9 63           | I | I | I | 32 71                                                | 22.1         | 9.1          | 26.5           | -30 62  | -9.9        | 9.8          | -1.0          | JAN 21         |  |
| FEB 1                                                           | 20         | 9.8  | 5.4          | 9.0    | 18.6 78            | -1.5 76           | I | I | I | 32 63                                                | 24.5         | 4.9          | 24.5           | -24 72  | -3.4        | 9.5          | -1.0          | FEB 1          |  |
| FEB 11                                                          | 20         | 14.0 | 4.4          | 14.0   | 21.2 81            | 6.3 64            | I | I | I | 33 70                                                | 26.9         | 4.8          | 27.5           | -10 64  | -0.8        | 5.5          | -1.0          | FEB 11         |  |
| FEB 21                                                          | 20         | 12.9 | 7.2          | 14.0   | 22.4 68            | -2.6 62           | I | I | I | 31 78                                                | 23.9         | 5.3          | 24.0           | -22 62  | 1.6         | 9.8          | 2.5           | FEB 21         |  |
| MAR 1                                                           | 19         | 14.6 | 6.1          | 16.0   | 24.2 80            | 4.0 69            | I | I | I | 38 78                                                | 26.9         | 5.5          | 28.0           | -11 71  | 1.7         | 8.8          | -1.0          | MAR 1          |  |
| MAR 11                                                          | 19         | 15.8 | 5.4          | 17.0   | 25.6 72            | 5.1 65 M          | I | I | I | 39 81                                                | 27.4         | 4.9          | 28.0           | -8 69   | 4.3         | 8.3          | 3.0           | MAR 11         |  |
| MAR 21                                                          | 19         | 19.9 | 4.4          | 20.0   | 28.3 81            | 10.9 64           | I | I | I | 40 81                                                | 29.8         | 4.3          | 30.0           | -10 75  | 9.1         | 7.6          | 9.0           | MAR 21         |  |
| APR 1                                                           | 18         | 22.6 | 2.8          | 22.5   | 28.3 78            | 15.9 75           | I | I | I | 35 77                                                | 30.6         | 2.9          | 31.0           | 2 75    | 13.1        | 5.2          | 13.5          | APR 1          |  |
| APR 11                                                          | 18         | 24.0 | 2.8          | 24.5   | 27.6 80            | 17.3 64           | I | I | I | 40 81                                                | 31.7         | 3.7          | 32.0           | 5 64    | 15.7        | 4.4          | 17.0          | APR 11         |  |
| APR 21                                                          | 18         | 27.6 | 3.5          | 26.5   | 35.5 80            | 22.0 63           | I | I | I | 44 80                                                | 34.3         | 4.2          | 34.0           | 12 68   | 21.2        | 4.8          | 19.5          | APR 21         |  |
| MAY 1                                                           | 17         | 30.5 | 3.2          | 29.0   | 39.9 80            | 26.5 72           | I | I | I | 49 78                                                | 37.5         | 4.7          | 37.0           | 14 72   | 22.6        | 4.6          | 23.0          | MAY 1          |  |
| MAY 11                                                          | 17         | 31.7 | 2.3          | 31.0   | 37.0 69            | 26.6 74           | I | I | I | 44 68                                                | 38.9         | 3.5          | 40.0           | 16 73   | 24.8        | 3.4          | 25.0          | MAY 11         |  |
| MAY 21                                                          | 17         | 33.9 | 2.3          | 33.0   | 38.3 81 M          | 29.2 75           | I | I | I | 62 81                                                | 43.1         | 5.8          | 42.0           | 20 75   | 26.0        | 2.8          | 26.0          | MAY 21         |  |
| JUN 1                                                           | 17         | 37.2 | 3.5          | 36.0   | 44.2 77            | 32.1 62           | I | I | I | 51 77                                                | 44.1         | 3.5          | 44.0           | 25 73   | 30.1        | 2.8          | 30.0          | JUN 1          |  |
| JUN 11                                                          | 17         | 38.9 | 2.5          | 38.0   | 43.0 77            | 34.2 78           | I | I | I | 50 80                                                | 46.0         | 2.9          | 45.0           | 27 73   | 31.5        | 3.4          | 31.0          | JUN 11         |  |
| JUN 21                                                          | 17         | 40.1 | 3.0          | 39.0   | 45.8 74            | 35.7 75           | I | I | I | 55 73                                                | 47.4         | 3.5          | 47.0           | 26 76   | 32.9        | 4.2          | 33.0          | JUN 21         |  |
| JUL 1                                                           | 17         | 41.1 | 3.0          | 41.0   | 46.9 75            | 34.9 62           | I | I | I | 53 77                                                | 48.2         | 2.8          | 48.0           | 28 81   | 33.6        | 4.1          | 32.0          | JUL 1          |  |
| JUL 11                                                          | 17         | 42.7 | 3.4          | 42.0   | 49.3 75            | 36.8 63           | I | I | I | 59 73                                                | 49.8         | 5.6          | 48.0           | 31 63   | 36.1        | 2.6          | 36.0          | JUL 11         |  |
| JUL 21                                                          | 17         | 43.2 | 2.6          | 43.0   | 47.6 75            | 36.2 63           | I | I | I | 62 76                                                | 50.9         | 4.8          | 52.0           | 31 63   | 37.2        | 2.8          | 38.0          | JUL 21         |  |
| AUG 1                                                           | 17         | 41.7 | 2.9          | 41.0   | 47.0 68            | 35.1 63           | I | I | I | 59 70                                                | 49.9         | 4.5          | 49.0           | 29 69   | 35.8        | 3.3          | 36.0          | AUG 1          |  |
| AUG 11                                                          | 19         | 41.4 | 2.7          | 41.0   | 47.2 79            | 37.5 74           | I | I | I | 55 69                                                | 48.0         | 3.7          | 48.0           | 32 80   | 36.5        | 3.1          | 37.0          | AUG 11         |  |
| AUG 21                                                          | 19         | 38.9 | 3.0          | 39.0   | 42.8 72            | 31.5 63           | I | I | I | 55 69                                                | 47.0         | 5.2          | 48.0           | 28 63   | 31.7        | 3.6          | 30.0          | AUG 21         |  |
| SEP 1                                                           | 19         | 36.5 | 3.1          | 36.0   | 42.2 78            | 30.6 62           | I | I | I | 54 67                                                | 44.0         | 5.5          | 44.0           | 22 74   | 28.4        | 3.8          | 28.0          | SEP 1          |  |
| SEP 11                                                          | 18         | 33.9 | 3.6          | 33.0   | 40.6 76            | 27.3 71           | I | I | I | 50 69                                                | 42.8         | 4.2          | 43.0           | 18 71   | 26.8        | 4.7          | 26.5          | SEP 11         |  |
| SEP 21                                                          | 19         | 31.7 | 3.5          | 31.0   | 37.8 67            | 25.0 62           | I | I | I | 47 76                                                | 39.2         | 4.0          | 39.0           | 17 62   | 25.3        | 4.6          | 26.0          | SEP 21         |  |
| OCT 1                                                           | 19         | 28.8 | 2.7          | 28.0   | 35.8 63            | 24.4 73           | I | I | I | 43 75                                                | 36.7         | 3.3          | 36.0           | 14 74   | 21.5        | 4.0          | 22.0          | OCT 1          |  |
| OCT 11                                                          | 19         | 26.6 | 3.8          | 26.0   | 32.1 79            | 16.7 69           | I | I | I | 41 79                                                | 35.2         | 5.1          | 36.0           | 9 69    | 20.0        | 5.1          | 20.0          | OCT 11         |  |
| OCT 21                                                          | 19         | 23.8 | 3.4          | 24.0   | 29.3 77            | 18.6 70           | I | I | I | 44 75                                                | 33.4         | 4.3          | 33.0           | -8 71   | 15.7        | 7.1          | 17.0          | OCT 21         |  |
| NOV 1                                                           | 19         | 22.3 | 3.7          | 22.0   | 29.6 80            | 11.8 71           | I | I | I | 40 80                                                | 31.9         | 4.3          | 32.0           | -1 71   | 12.6        | 6.1          | 12.0          | NOV 1          |  |
| NOV 11                                                          | 19         | 20.1 | 5.0          | 20.0   | 28.1 81            | 13.0 77           | I | I | I | 40 81                                                | 30.4         | 4.5          | 30.0           | -10 77  | 9.2         | 7.0          | 9.0           | NOV 11         |  |
| NOV 21                                                          | 19         | 13.7 | 4.3          | 14.0   | 19.4 71            | 2.7 79            | I | I | I | 32 77                                                | 25.9         | 4.9          | 27.0           | -12 79  | 0.1         | 6.6          | 1.0           | NOV 21         |  |
| DEC 1                                                           | 18         | 12.3 | 7.7          | 13.5   | 23.7 75            | -6.6 72           | I | I | I | 33 72                                                | 25.1         | 6.7          | 26.0           | -25 72  | -1.3        | 10.8         | 2.5           | DEC 1          |  |
| DEC 11                                                          | 18         | 10.0 | 6.9          | 9.5    | 19.2 69            | -2.0 67           | I | I | I | 31 79                                                | 23.1         | 6.1          | 22.5           | -19 72  | -3.7        | 8.1          | -1.0          | DEC 11         |  |
| DEC 21                                                          | 18         | 7.7  | 5.3          | 5.5    | 18.4 67            | -2.3 78           | I | I | I | 30 72                                                | 22.9         | 4.4          | 22.0           | -34 78  | -8.4        | 9.8          | -1.0          | DEC 21         |  |
| MONTH                                                           |            |      |              |        |                    |                   |   |   |   | MONTH                                                |              |              |                |         |             |              |               |                |  |
| JAN                                                             | 20         | 6.6  | 5.8          | 6.0    | 16.5 67            | -5.0 79           | I | I | I | 34 74                                                | 27.4         | 5.2          | 28.5           | -30 62  | -17.9       | 9.4          | -1.0          | JAN            |  |
| FEB                                                             | 20         | 12.2 | 3.6          | 11.5   | 17.6 78            | 5.0 64            | I | I | I | 33 70                                                | 28.0         | 4.4          | 29.5           | -24 72  | -8.2        | 8.0          | -1.0          | FEB            |  |
| MAR                                                             | 19         | 16.9 | 4.5          | 17.0   | 23.7 81            | 7.7 64            | I | I | I | 40 81                                                | 30.8         | 4.5          | 31.0           | -11 71  | -0.9        | 8.0          | -1.0          | MAR            |  |
| APR                                                             | 18         | 24.8 | 2.5          | 24.5   | 29.5 78            | 20.1 64           | I | I | I | 44 80                                                | 35.1         | 4.1          | 35.0           | 2 75    | 12.2        | 5.0          | 12.5          | APR            |  |
| MAY                                                             | 17         | 32.1 | 1.6          | 31.0   | 36.5 80            | 29.4 74           | I | I | I | 62 81                                                | 44.2         | 5.6          | 43.0           | 14 72   | 21.2        | 3.6          | 22.0          | MAY            |  |
| JUN                                                             | 17         | 38.7 | 1.9          | 38.0   | 43.0 77            | 35.7 62 M         | I | I | I | 55 73                                                | 48.8         | 3.0          | 49.0           | 25 73   | 28.5        | 2.5          | 28.0          | JUN            |  |
| JUL                                                             | 17         | 42.4 | 2.5          | 43.0   | 47.9 75            | 37.4 63           | I | I | I | 62 76                                                | 53.1         | 4.4          | 53.0           | 28 81   | 32.9        | 3.2          | 32.0          | JUL            |  |
| AUG                                                             | 17         | 40.8 | 2.2          | 41.0   | 43.9 79            | 35.0 63           | I | I | I | 59 70                                                | 51.8         | 3.7          | 51.0           | 28 63   | 31.4        | 3.0          | 30.0          | AUG            |  |
| SEP                                                             | 18         | 34.0 | 2.6          | 34.0   | 37.6 67            | 29.2 62           | I | I | I | 54 67                                                | 46.1         | 4.6          | 45.5           | 17 62   | 23.0        | 3.2          | 23.5          | SEP            |  |
| OCT                                                             | 18         | 26.3 | 1.9          | 25.5   | 29.5 79            | 23.5 69           | I | I | I | 44 75                                                | 39.2         | 2.7          | 40.0           | -8 71   | 13.2        | 6.3          | 15.0          | OCT            |  |
| NOV                                                             | 19         | 18.7 | 2.4          | 18.0   | 22.4 81            | 12.7 79           | I | I | I | 40 81                                                | 33.2         | 4.2          | 32.0           | -12 79  | -1.2        | 5.8          | 0.0           | NOV            |  |
| DEC                                                             | 18         | 9.9  | 4.4          | 9.5    | 16.4 73 M          | 3.3 78            | I | I | I | 33 72                                                | 27.6         | 3.9          | 28.5           | -34 78  | -11.5       | 9.5          | -1.0          | DEC            |  |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE       |          |      |           |        |                 |                |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |         |          |           |            |             |  |
|---------------------------------|----------|------|-----------|--------|-----------------|----------------|---|--|--|----------------------------------------------|-----------|-----------|-------------|---------|----------|-----------|------------|-------------|--|
| STATION NUMBER 102575 DIXIE     |          |      |           |        |                 |                |   |  |  | 1952-1980                                    |           |           |             |         |          |           |            |             |  |
| 10-DAY AND MONTHLY PERIOD MEANS |          |      |           |        |                 |                |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |         |          |           |            |             |  |
| PRD. NO.                        | STN. NO. | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG. YR | LOWEST AVG. YR |   |  |  | HIGH. YR                                     | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW. YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |  |
| JAN 1                           | 28       | 27.7 | 6.4       | 27.5   | 37.0 53         | 12.2 74        | I |  |  | 48 54                                        | 36.7      | 7.2       | 36.5        | 1 79    | 17.3     | 7.4       | 17.0       | JAN 1       |  |
| JAN 11                          | 28       | 31.2 | 4.7       | 32.0   | 41.5 61         | 20.5 63        | I |  |  | 48 73                                        | 39.4      | 5.5       | 40.5        | 5 63    | 21.7     | 6.7       | 22.5       | JAN 11      |  |
| JAN 21                          | 28       | 30.7 | 5.0       | 31.0   | 38.2 61         | 20.2 57        | I |  |  | 49 62                                        | 39.9      | 5.1       | 40.0        | 4 62    | 20.6     | 6.9       | 23.0       | JAN 21      |  |
| FEB 1                           | 28       | 35.0 | 5.9       | 35.0   | 48.8 54         | 26.8 72        | I |  |  | 56 63                                        | 42.7      | 6.0       | 42.0        | 10 76   | 26.0     | 7.8       | 25.5       | FEB 1       |  |
| FEB 11                          | 28       | 35.3 | 4.7       | 34.5   | 46.3 77         | 25.5 56        | I |  |  | 54 77                                        | 43.4      | 5.7       | 43.0        | 15 56   | 27.9     | 5.7       | 28.0       | FEB 11      |  |
| FEB 21                          | 28       | 36.4 | 6.4       | 35.0   | 46.0 70         | 20.0 62        | I |  |  | 57 77                                        | 44.5      | 7.5       | 43.5        | 11 62   | 28.5     | 6.8       | 29.0       | FEB 21      |  |
| MAR 1                           | 28       | 35.9 | 4.8       | 35.0   | 48.9 68         | 28.6 71        | I |  |  | 57 68                                        | 45.1      | 5.5       | 44.5        | 16 55   | 26.6     | 5.6       | 27.0       | MAR 1       |  |
| MAR 11                          | 28       | 38.5 | 3.9       | 38.5   | 47.3 79         | 30.2 55        | I |  |  | 64 60                                        | 48.2      | 5.7       | 48.0        | 19 65   | 29.5     | 4.7       | 30.0       | MAR 11      |  |
| MAR 21                          | 28       | 41.7 | 5.8       | 40.5   | 53.6 78         | 30.5 75        | I |  |  | 62 78                                        | 52.1      | 6.1       | 52.0        | 18 75   | 31.4     | 5.5       | 33.0       | MAR 21      |  |
| APR 1                           | 28       | 44.0 | 4.8       | 43.0   | 57.1 60         | 31.9 75        | I |  |  | 66 77                                        | 53.9      | 6.3       | 53.0        | 26 75   | 34.2     | 3.8       | 34.0       | APR 1       |  |
| APR 11                          | 28       | 45.8 | 5.2       | 44.5   | 60.6 62         | 36.8 72        | I |  |  | 71 62                                        | 56.4      | 6.4       | 56.5        | 29 76   | 36.6     | 4.5       | 36.5       | APR 11      |  |
| APR 21                          | 28       | 48.3 | 5.3       | 48.0   | 63.9 77         | 38.2 70        | I |  |  | 75 77                                        | 59.5      | 7.5       | 58.5        | 32 76   | 37.1     | 3.7       | 36.0       | APR 21      |  |
| MAY 1                           | 28       | 53.3 | 6.1       | 52.0   | 69.9 66         | 41.4 75        | I |  |  | 81 66                                        | 65.5      | 6.9       | 64.5        | 32 75   | 41.0     | 6.3       | 39.0       | MAY 1       |  |
| MAY 11                          | 28       | 57.3 | 6.5       | 56.5   | 70.6 54         | 41.6 74        | I |  |  | 81 58                                        | 69.8      | 7.3       | 71.0        | 36 74   | 43.4     | 5.0       | 43.5       | MAY 11      |  |
| MAY 21                          | 28       | 59.5 | 6.2       | 58.0   | 74.5 58         | 50.1 75        | I |  |  | 84 58                                        | 72.4      | 5.7       | 73.0        | 36 80   | 45.0     | 6.0       | 44.0       | MAY 21      |  |
| JUN 1                           | 28       | 64.1 | 6.2       | 62.0   | 74.6 70         | 54.7 54        | I |  |  | 88 77                                        | 74.6      | 6.3       | 75.0        | 42 80   | 51.9     | 6.9       | 50.5       | JUN 1       |  |
| JUN 11                          | 28       | 65.8 | 6.5       | 65.0   | 82.4 74         | 56.5 76        | I |  |  | 87 74                                        | 76.8      | 5.2       | 77.0        | 41 76   | 53.1     | 8.5       | 51.5       | JUN 11      |  |
| JUN 21                          | 28       | 68.6 | 5.7       | 67.5   | 78.4 61         | 54.3 69        | I |  |  | 88 55                                        | 79.9      | 5.0       | 80.0        | 40 70   | 53.4     | 8.0       | 52.5       | JUN 21      |  |
| JUL 1                           | 29       | 73.8 | 5.2       | 74.0   | 83.9 75         | 60.8 55        | I |  |  | 89 74                                        | 82.9      | 4.6       | 84.0        | 50 55   | 61.4     | 6.9       | 60.0       | JUL 1       |  |
| JUL 11                          | 29       | 77.2 | 4.6       | 76.0   | 89.0 60         | 68.4 80        | I |  |  | 96 60                                        | 85.8      | 4.3       | 86.0        | 50 72   | 66.1     | 7.5       | 65.0       | JUL 11      |  |
| JUL 21                          | 29       | 79.7 | 2.9       | 80.0   | 85.9 60         | 74.6 63        | I |  |  | 94 59                                        | 87.4      | 3.0       | 87.0        | 57 72   | 69.3     | 6.9       | 69.0       | JUL 21      |  |
| AUG 1                           | 28       | 78.8 | 4.2       | 78.0   | 88.5 61         | 70.0 76        | I |  |  | 99 61                                        | 86.6      | 4.2       | 87.5        | 55 76   | 68.4     | 6.7       | 68.5       | AUG 1       |  |
| AUG 11                          | 28       | 76.9 | 6.3       | 78.0   | 88.0 67         | 63.0 68        | I |  |  | 94 61                                        | 85.2      | 4.3       | 86.5        | 45 78   | 66.2     | 10.6      | 68.5       | AUG 11      |  |
| AUG 21                          | 28       | 72.7 | 6.4       | 72.0   | 84.4 70         | 61.2 60        | I |  |  | 94 69                                        | 83.0      | 5.9       | 83.5        | 44 60   | 59.6     | 8.6       | 61.0       | AUG 21      |  |
| SEP 1                           | 29       | 70.8 | 5.4       | 70.0   | 84.3 55         | 61.6 70        | I |  |  | 93 55                                        | 81.6      | 4.4       | 81.0        | 44 70   | 56.4     | 7.6       | 55.0       | SEP 1       |  |
| SEP 11                          | 29       | 65.4 | 6.5       | 65.0   | 79.2 53         | 49.9 78        | I |  |  | 88 53                                        | 77.9      | 6.3       | 80.0        | 38 70   | 51.2     | 7.2       | 52.0       | SEP 11      |  |
| SEP 21                          | 29       | 63.5 | 8.7       | 62.0   | 78.7 52         | 49.2 59        | I |  |  | 84 66                                        | 74.6      | 6.4       | 75.0        | 35 68   | 50.4     | 10.0      | 47.0       | SEP 21      |  |
| OCT 1                           | 29       | 60.5 | 7.2       | 60.0   | 74.9 52         | 46.8 69        | I |  |  | 79 52                                        | 72.4      | 5.0       | 73.0        | 36 77   | 46.8     | 9.8       | 44.0       | OCT 1       |  |
| OCT 11                          | 29       | 55.8 | 6.1       | 57.0   | 64.4 74         | 40.4 69        | I |  |  | 75 79                                        | 67.5      | 6.3       | 69.0        | 31 69   | 43.1     | 6.5       | 42.0       | OCT 11      |  |
| OCT 21                          | 29       | 49.0 | 6.6       | 49.0   | 62.3 62         | 37.5 71        | I |  |  | 69 52                                        | 60.5      | 5.5       | 62.0        | 20 71   | 36.8     | 6.8       | 36.0       | OCT 21      |  |
| NOV 1                           | 28       | 44.4 | 5.2       | 44.0   | 55.8 54         | 32.9 73        | I |  |  | 64 65                                        | 54.4      | 5.6       | 56.0        | 20 78   | 34.8     | 6.5       | 35.5       | NOV 1       |  |
| NOV 11                          | 28       | 38.0 | 5.6       | 37.0   | 47.2 76         | 22.7 55        | I |  |  | 62 54                                        | 47.6      | 6.3       | 49.0        | 3 55    | 27.9     | 7.8       | 29.0       | NOV 11      |  |
| NOV 21                          | 28       | 35.4 | 4.5       | 35.0   | 45.1 56         | 27.3 75        | I |  |  | 58 54                                        | 44.0      | 5.7       | 43.5        | 11 75   | 26.3     | 6.4       | 27.5       | NOV 21      |  |
| DEC 1                           | 29       | 33.1 | 5.2       | 33.0   | 43.9 65         | 17.8 72        | I |  |  | 51 59                                        | 42.7      | 4.3       | 43.0        | 5 72    | 23.6     | 7.2       | 25.0       | DEC 1       |  |
| DEC 11                          | 29       | 32.3 | 5.3       | 34.0   | 39.8 62         | 21.4 67        | I |  |  | 48 79                                        | 40.7      | 4.6       | 41.0        | 3 64    | 23.9     | 8.1       | 25.0       | DEC 11      |  |
| DEC 21                          | 29       | 31.0 | 3.9       | 31.0   | 39.7 80         | 21.1 78        | I |  |  | 48 54                                        | 39.8      | 4.0       | 40.0        | 1 78    | 21.5     | 6.7       | 23.0       | DEC 21      |  |
| MONTH                           |          |      |           |        |                 |                |   |  |  | MONTH                                        |           |           |             |         |          |           |            |             |  |
| JAN                             | 28       | 29.9 | 3.4       | 29.5   | 38.2 61         | 21.9 79        | I |  |  | 49 62                                        | 43.0      | 3.8       | 43.0        | 1 79    | 14.4     | 6.7       | 15.0       | JAN         |  |
| FEB                             | 28       | 35.5 | 4.2       | 34.0   | 44.1 63         | 29.5 56        | I |  |  | 57 77                                        | 48.2      | 5.5       | 47.0        | 10 76   | 22.5     | 6.3       | 24.0       | FEB         |  |
| MAR                             | 28       | 38.8 | 3.5       | 39.0   | 44.8 68         | 32.3 55        | I |  |  | 64 60                                        | 53.4      | 5.3       | 52.5        | 16 55   | 24.7     | 4.6       | 26.5       | MAR         |  |
| APR                             | 28       | 46.0 | 3.6       | 45.0   | 52.9 77         | 38.0 75        | I |  |  | 75 77                                        | 61.7      | 6.1       | 61.0        | 26 75   | 33.0     | 2.7       | 33.0       | APR         |  |
| MAY                             | 28       | 56.8 | 4.5       | 55.5   | 68.8 58         | 48.9 75        | I |  |  | 84 58                                        | 74.4      | 5.1       | 75.0        | 32 75   | 38.1     | 3.7       | 37.5       | MAY         |  |
| JUN                             | 28       | 66.2 | 3.5       | 65.5   | 76.3 61         | 60.9 76        | I |  |  | 88 77                                        | 82.2      | 3.6       | 82.0        | 40 70   | 47.0     | 5.8       | 45.5       | JUN         |  |
| JUL                             | 29       | 77.0 | 2.8       | 77.0   | 84.9 60         | 72.0 77        | I |  |  | 96 60                                        | 88.6      | 2.9       | 89.0        | 50 72   | 59.4     | 6.1       | 58.0       | JUL         |  |
| AUG                             | 28       | 76.0 | 4.6       | 75.5   | 84.1 61         | 69.0 75        | I |  |  | 99 61                                        | 88.4      | 3.3       | 89.0        | 44 60   | 58.0     | 8.0       | 59.5       | AUG         |  |
| SEP                             | 29       | 66.6 | 5.4       | 67.0   | 75.2 67         | 57.2 65        | I |  |  | 93 55                                        | 82.3      | 4.1       | 82.0        | 35 68   | 46.0     | 6.4       | 46.0       | SEP         |  |
| OCT                             | 29       | 54.9 | 4.5       | 54.0   | 66.6 52         | 45.7 69        | I |  |  | 79 52                                        | 73.2      | 3.5       | 74.0        | 20 71   | 35.2     | 4.9       | 36.0       | OCT         |  |
| NOV                             | 28       | 39.3 | 3.7       | 39.0   | 48.5 54         | 32.2 55        | I |  |  | 64 65                                        | 55.1      | 4.8       | 56.0        | 3 55    | 23.2     | 6.7       | 25.0       | NOV         |  |
| DEC                             | 29       | 32.1 | 3.5       | 33.0   | 36.6 62         | 23.5 78        | I |  |  | 51 59                                        | 44.3      | 4.0       | 45.0        | 1 78    | 17.8     | 7.4       | 20.0       | DEC         |  |

(con.)

Table 21 (Con.)

| MINIMUM DAILY TEMPERATURE                                      |     |      |      |        |         |        |       |       |    | MEAN, STANDARD DEVIATION, AND EXTREME VALUES         |      |      |        |      |      |      |        |        |     |
|----------------------------------------------------------------|-----|------|------|--------|---------|--------|-------|-------|----|------------------------------------------------------|------|------|--------|------|------|------|--------|--------|-----|
| STATION NUMBER 102575 DIXIE<br>10-DAY AND MONTHLY PERIOD MEANS |     |      |      |        |         |        |       |       |    | 1952-1980<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |      |      |        |      |      |      |        |        |     |
| PRD.                                                           | NO. | MEAN | STD. | MEDIAN | HIGHEST | LOWEST |       |       |    | HIGH                                                 | AVG. | STD. | MEDIAN | LOW  | AVG. | STD. | MEDIAN | PRD.   |     |
| BEGINS                                                         | YRS |      | DEV. |        | AVG.YR  | AVG.YR |       |       |    | YR                                                   | HIGH | DEV. | HIGH   | YR   | LOW  | DEV. | LOW    | BEGINS |     |
| JAN                                                            | 1   | 28   | 1.3  | 10.4   | 2.5     | 17.5   | 54    | -27.8 | 74 | I                                                    | 35   | 53   | 20.5   | 11.0 | 23.5 | -42  | 79     | JAN    | 1   |
| JAN                                                            | 11  | 28   | 8.5  | 8.2    | 8.0     | 27.8   | 53    | -9.5  | 60 | I                                                    | 34   | 74   | 26.4   | 5.5  | 27.5 | -42  | 63     | JAN    | 11  |
| JAN                                                            | 21  | 28   | 3.6  | 9.4    | 3.0     | 20.9   | 53    | -14.2 | 57 | I                                                    | 33   | 71   | 22.5   | 8.1  | 24.0 | -40  | 56     | JAN    | 21  |
| FEB                                                            | 1   | 28   | 6.4  | 8.0    | 6.0     | 22.7   | 61    | -10.3 | 76 | I                                                    | 36   | 61   | 23.0   | 6.8  | 23.5 | -39  | 56     | FEB    | 1   |
| FEB                                                            | 11  | 28   | 10.1 | 6.2    | 9.5     | 21.4   | 61    | -4.8  | 55 | I                                                    | 34   | 61   | 25.3   | 5.4  | 25.5 | -42  | 56     | FEB    | 11  |
| FEB                                                            | 21  | 28   | 7.8  | 8.8    | 9.0     | 23.0   | 57    | -8.8  | 60 | I                                                    | 33   | 63   | 22.6   | 6.7  | 23.0 | -38  | 62     | FEB    | 21  |
| MAR                                                            | 1   | 28   | 8.2  | 5.9    | 8.5     | 18.8   | 80    | -3.5  | 76 | I                                                    | 32   | 79   | 24.1   | 5.6  | 24.0 | -36  | 55     | MAR    | 1   |
| MAR                                                            | 11  | 28   | 9.1  | 6.0    | 9.5     | 24.2   | 72    | -3.0  | 65 | I                                                    | 30   | 74   | 23.0   | 5.3  | 23.0 | -24  | 65     | MAR    | 11  |
| MAR                                                            | 21  | 28   | 14.1 | 6.0    | 15.5    | 23.8   | 78    | 2.7   | 75 | I                                                    | 32   | 62   | 26.8   | 4.0  | 27.0 | -23  | 75     | MAR    | 21  |
| APR                                                            | 1   | 28   | 18.4 | 4.3    | 18.5    | 26.7   | 69    | 8.1   | 75 | I                                                    | 33   | 72   | 28.6   | 4.2  | 30.0 | -9   | 75     | APR    | 1   |
| APR                                                            | 11  | 28   | 19.5 | 3.3    | 20.0    | 25.5   | 58    | 11.5  | 64 | I                                                    | 33   | 66   | 29.3   | 2.7  | 30.0 | -4   | 72     | APR    | 11  |
| APR                                                            | 21  | 28   | 23.2 | 2.6    | 23.0    | 29.0   | 80    | 18.6  | 72 | I                                                    | 35   | 80   | 30.5   | 2.2  | 30.0 | 7    | 68     | APR    | 21  |
| MAY                                                            | 1   | 28   | 25.9 | 3.3    | 25.0    | 32.7   | 80    | 19.1  | 65 | I                                                    | 42   | 54   | 32.9   | 3.6  | 32.0 | 4    | 72     | MAY    | 1   |
| MAY                                                            | 11  | 28   | 27.5 | 2.9    | 27.0    | 34.6   | 57    | 21.5  | 74 | I                                                    | 44   | 78   | 34.3   | 3.7  | 33.5 | 8    | 74     | MAY    | 11  |
| MAY                                                            | 21  | 28   | 29.9 | 2.6    | 29.0    | 36.1   | 58    | 25.1  | 54 | I                                                    | 45   | 63   | 38.4   | 3.5  | 38.5 | 14   | 66     | MAY    | 21  |
| JUN                                                            | 1   | 28   | 33.2 | 3.5    | 32.0    | 39.9   | 77    | 26.8  | 65 | I                                                    | 50   | 77   | 40.8   | 4.2  | 41.0 | 20   | 55     | JUN    | 1   |
| JUN                                                            | 11  | 28   | 34.7 | 2.1    | 34.0    | 39.6   | 63    | 31.3  | 79 | I                                                    | 49   | 68   | 42.6   | 3.1  | 43.0 | 21   | 54     | JUN    | 11  |
| JUN                                                            | 21  | 28   | 35.0 | 2.8    | 34.5    | 41.8   | 70    | 31.2  | 76 | I                                                    | 51   | 70   | 43.6   | 3.9  | 43.5 | 20   | 76     | JUN    | 21  |
| JUL                                                            | 1   | 29   | 35.7 | 2.9    | 35.0    | 43.4   | 75    | 30.9  | 62 | I                                                    | 53   | 70   | 44.0   | 4.4  | 44.0 | 23   | 71     | JUL    | 1   |
| JUL                                                            | 11  | 29   | 37.5 | 3.1    | 36.0    | 45.6   | 75    | 32.5  | 62 | I                                                    | 56   | 75   | 46.0   | 4.8  | 46.0 | 25   | 62     | JUL    | 11  |
| JUL                                                            | 21  | 29   | 36.6 | 2.9    | 36.0    | 41.0   | 59    | 30.4  | 63 | I                                                    | 53   | 60   | 46.1   | 4.7  | 45.0 | 24   | 59     | JUL    | 21  |
| AUG                                                            | 1   | 28   | 35.7 | 2.8    | 36.0    | 41.8   | 71    | 29.8  | 54 | I                                                    | 54   | 76   | 44.7   | 4.9  | 45.5 | 25   | 69     | AUG    | 1   |
| AUG                                                            | 11  | 28   | 35.0 | 2.4    | 34.0    | 39.9   | 72    | 31.3  | 57 | I                                                    | 49   | 68   | 43.6   | 3.8  | 44.0 | 23   | 66     | AUG    | 11  |
| AUG                                                            | 21  | 28   | 32.7 | 2.5    | 32.0    | 37.6   | 61    | 28.3  | 55 | I                                                    | 49   | 66   | 42.2   | 4.2  | 43.0 | 19   | 65     | AUG    | 21  |
| SEP                                                            | 1   | 29   | 30.5 | 3.0    | 30.0    | 37.6   | 78    | 24.7  | 62 | I                                                    | 52   | 63   | 39.0   | 4.8  | 37.0 | 17   | 62     | SEP    | 1   |
| SEP                                                            | 11  | 29   | 29.1 | 4.2    | 28.0    | 37.8   | 59    | 20.1  | 71 | I                                                    | 48   | 59   | 38.2   | 5.3  | 37.0 | 9    | 65     | SEP    | 11  |
| SEP                                                            | 21  | 29   | 26.7 | 2.6    | 27.0    | 31.1   | 66    | 22.3  | 74 | I                                                    | 43   | 76   | 34.2   | 4.1  | 34.0 | 14   | 71     | SEP    | 21  |
| OCT                                                            | 1   | 29   | 24.2 | 3.1    | 24.0    | 31.4   | 63    | 17.5  | 73 | I                                                    | 40   | 55   | 32.3   | 4.4  | 32.0 | 10   | 54     | OCT    | 1   |
| OCT                                                            | 11  | 29   | 22.9 | 3.9    | 23.0    | 27.8   | 62    | 12.8  | 69 | I                                                    | 41   | 63   | 31.9   | 4.7  | 32.0 | 5    | 69     | OCT    | 11  |
| OCT                                                            | 21  | 29   | 20.5 | 3.7    | 20.0    | 27.8   | 57    | 12.0  | 71 | I                                                    | 40   | 59   | 29.4   | 4.2  | 29.0 | -13  | 71     | OCT    | 21  |
| NOV                                                            | 1   | 28   | 17.1 | 5.4    | 18.0    | 26.7   | 58    | 2.6   | 71 | I                                                    | 34   | 76   | 28.3   | 3.5  | 29.0 | -17  | 71     | NOV    | 1   |
| NOV                                                            | 11  | 28   | 15.2 | 8.0    | 17.5    | 26.0   | 54    | -0.7  | 55 | I                                                    | 36   | 66   | 28.0   | 5.0  | 28.5 | -35  | 55     | NOV    | 11  |
| NOV                                                            | 21  | 28   | 9.7  | 6.8    | 11.5    | 21.6   | 53    | -6.5  | 79 | I                                                    | 36   | 60   | 24.5   | 7.4  | 26.0 | -22  | 79     | NOV    | 21  |
| DEC                                                            | 1   | 29   | 7.9  | 7.7    | 7.0     | 20.2   | 79    | -18.6 | 72 | I                                                    | 33   | 58   | 24.4   | 4.7  | 24.0 | -39  | 72     | DEC    | 1   |
| DEC                                                            | 11  | 29   | 6.3  | 8.1    | 6.0     | 19.7   | 69    | -8.4  | 67 | I                                                    | 32   | 77   | 23.6   | 6.5  | 25.0 | -48  | 64     | DEC    | 11  |
| DEC                                                            | 21  | 29   | 6.3  | 7.1    | 5.0     | 26.2   | 80    | -8.9  | 78 | I                                                    | 36   | 55   | 23.9   | 5.7  | 23.0 | -43  | 78     | DEC    | 21  |
| MONTH                                                          |     |      |      |        |         |        |       |       |    | MONTH                                                |      |      |        |      |      |      |        |        |     |
| JAN                                                            | 28  | 4.4  | 6.4  | 4.0    | 22.0    | 53     | -10.5 | 79    | I  | 35                                                   | 53   | 29.0 | 4.0    | 30.0 | -42  | 79   | 9.5    | -1.0   | JAN |
| FEB                                                            | 28  | 8.2  | 4.6  | 7.5    | 19.5    | 61     | -0.1  | 55    | I  | 36                                                   | 61   | 28.4 | 4.3    | 30.5 | -42  | 56   | 11.0   | -1.0   | FEB |
| MAR                                                            | 28  | 10.6 | 3.9  | 10.0   | 16.4    | 78     | 1.0   | 65    | I  | 32                                                   | 79   | 28.9 | 3.1    | 30.0 | -36  | 55   | 7.6    | -1.0   | MAR |
| APR                                                            | 28  | 20.4 | 2.2  | 20.0   | 24.4    | 69     | 15.6  | 70    | I  | 35                                                   | 80   | 31.8 | 1.6    | 32.0 | -9   | 75   | 3.4    | 5.9    | APR |
| MAY                                                            | 28  | 27.8 | 2.2  | 27.0   | 31.8    | 80     | 24.2  | 65    | I  | 45                                                   | 63   | 39.4 | 3.1    | 39.0 | 4    | 72   | 15.5   | 6.1    | MAY |
| JUN                                                            | 28  | 34.3 | 2.0  | 34.0   | 37.9    | 58     | 30.4  | 65    | I  | 51                                                   | 70   | 45.4 | 3.3    | 45.0 | 20   | 76   | 24.6   | 2.5    | JUN |
| JUL                                                            | 29  | 36.6 | 2.1  | 36.0   | 42.9    | 75     | 33.5  | 62    | I  | 56                                                   | 75   | 49.3 | 3.5    | 49.0 | 23   | 71   | 27.2   | 2.4    | JUL |
| AUG                                                            | 28  | 34.4 | 1.8  | 33.5   | 37.5    | 58     | 31.1  | 80    | I  | 54                                                   | 76   | 47.1 | 2.9    | 47.0 | 19   | 65   | 25.3   | 2.8    | AUG |
| SEP                                                            | 29  | 28.7 | 2.3  | 27.0   | 33.1    | 80     | 24.3  | 71    | I  | 52                                                   | 63   | 41.1 | 4.7    | 40.0 | 9    | 65   | 18.1   | 3.7    | SEP |
| OCT                                                            | 29  | 22.5 | 2.3  | 22.0   | 26.6    | 63     | 17.8  | 78    | I  | 41                                                   | 63   | 34.4 | 3.9    | 34.0 | -13  | 71   | 9.4    | 6.0    | OCT |
| NOV                                                            | 28  | 14.0 | 4.1  | 14.5   | 20.3    | 53     | 7.0   | 56    | I  | 36                                                   | 66   | 31.2 | 2.8    | 31.0 | -35  | 55   | -12.5  | 9.0    | NOV |
| DEC                                                            | 29  | 6.8  | 4.5  | 6.0    | 15.1    | 58     | -4.0  | 78    | I  | 36                                                   | 55   | 28.2 | 4.2    | 29.0 | -48  | 64   | -21.0  | 10.9   | DEC |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE                                        |     |      |      |        |         |         |         |         |       | MEAN, STANDARD DEVIATION, AND EXTREME VALUES         |      |        |       |      |      |        |        |      |  |
|------------------------------------------------------------------|-----|------|------|--------|---------|---------|---------|---------|-------|------------------------------------------------------|------|--------|-------|------|------|--------|--------|------|--|
| STATION NUMBER 105708 MC CALL<br>10-DAY AND MONTHLY PERIOD MEANS |     |      |      |        |         |         |         |         |       | 1951-1980<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |      |        |       |      |      |        |        |      |  |
| PRD.                                                             | NO. |      | STD. |        | HIGHEST | LOWEST  |         |         |       |                                                      | STD. | MEDIAN |       | AVG. | STD. | MEDIAN |        | PRD. |  |
| BEGINS                                                           | YRS | MEAN | DEV. | MEDIAN | AVG.YR  | AVG.YR  |         | HIGH.YR | HIGH  | DEV.                                                 | HIGH | LOW.YR | LOW   | DEV. | LOW  |        | BEGINS |      |  |
| JAN                                                              | 1   | 30   | 27.8 | 5.2    | 28.0    | 35.8 63 | 16.4 79 | I       | 46 54 | 35.7                                                 | 5.7  | 36.0   | 1 79  | 18.8 | 5.9  | 20.0   | JAN    | 1    |  |
| JAN                                                              | 11  | 30   | 31.2 | 5.0    | 32.0    | 38.8 61 | 19.8 63 | I       | 48 73 | 37.4                                                 | 5.5  | 38.0   | 6 63  | 23.0 | 6.1  | 24.0   | JAN    | 11   |  |
| JAN                                                              | 21  | 30   | 30.2 | 4.5    | 31.0    | 37.5 76 | 18.7 57 | I       | 49 71 | 38.4                                                 | 5.1  | 39.0   | 4 51  | 20.9 | 6.4  | 21.5   | JAN    | 21   |  |
| FEB                                                              | 1   | 30   | 34.7 | 4.7    | 34.0    | 50.0 63 | 27.3 56 | I       | 56 63 | 41.1                                                 | 4.9  | 40.5   | 10 56 | 27.4 | 7.2  | 29.0   | FEB    | 1    |  |
| FEB                                                              | 11  | 30   | 35.1 | 5.1    | 35.0    | 48.4 77 | 22.5 56 | I       | 54 63 | 42.9                                                 | 4.9  | 42.0   | 4 56  | 28.6 | 7.4  | 29.5   | FEB    | 11   |  |
| FEB                                                              | 21  | 30   | 36.3 | 6.3    | 35.5    | 47.9 68 | 22.1 62 | I       | 54 80 | 42.5                                                 | 6.7  | 42.0   | 13 62 | 29.8 | 7.3  | 32.0   | FEB    | 21   |  |
| MAR                                                              | 1   | 30   | 36.9 | 5.2    | 36.0    | 46.7 68 | 25.2 51 | I       | 62 72 | 44.4                                                 | 6.2  | 44.5   | 18 55 | 28.9 | 5.9  | 30.0   | MAR    | 1    |  |
| MAR                                                              | 11  | 30   | 39.2 | 4.5    | 38.5    | 50.1 72 | 30.3 55 | I       | 61 72 | 47.2                                                 | 5.8  | 46.0   | 22 56 | 31.4 | 4.9  | 32.0   | MAR    | 11   |  |
| MAR                                                              | 21  | 30   | 42.8 | 5.3    | 42.0    | 58.4 78 | 34.5 55 | I       | 64 78 | 51.3                                                 | 6.5  | 50.0   | 22 75 | 33.5 | 4.7  | 33.0   | MAR    | 21   |  |
| APR                                                              | 1   | 30   | 46.7 | 5.3    | 46.0    | 57.2 66 | 37.0 53 | I       | 70 77 | 55.2                                                 | 6.7  | 56.0   | 30 55 | 37.6 | 3.7  | 38.0   | APR    | 1    |  |
| APR                                                              | 11  | 30   | 48.6 | 5.7    | 48.0    | 63.5 62 | 36.0 55 | I       | 70 62 | 57.8                                                 | 7.0  | 57.5   | 30 60 | 39.3 | 5.2  | 39.5   | APR    | 11   |  |
| APR                                                              | 21  | 30   | 51.8 | 7.4    | 51.0    | 73.1 77 | 39.9 55 | I       | 80 77 | 61.8                                                 | 8.0  | 62.0   | 30 51 | 40.4 | 7.5  | 38.0   | APR    | 21   |  |
| MAY                                                              | 1   | 30   | 56.9 | 6.5    | 57.0    | 75.1 66 | 42.2 59 | I       | 83 66 | 67.1                                                 | 6.7  | 67.0   | 32 75 | 44.3 | 7.4  | 42.5   | MAY    | 1    |  |
| MAY                                                              | 11  | 30   | 60.5 | 6.5    | 59.5    | 76.2 73 | 46.8 74 | I       | 83 58 | 71.5                                                 | 7.2  | 72.5   | 32 55 | 47.4 | 7.3  | 46.0   | MAY    | 11   |  |
| MAY                                                              | 21  | 30   | 63.0 | 6.3    | 62.5    | 76.9 58 | 51.3 53 | I       | 85 66 | 74.2                                                 | 5.8  | 74.0   | 38 80 | 50.0 | 6.7  | 50.0   | MAY    | 21   |  |
| JUN                                                              | 1   | 30   | 67.4 | 6.7    | 66.0    | 79.4 77 | 54.0 54 | I       | 90 77 | 76.2                                                 | 6.0  | 76.0   | 40 54 | 56.6 | 7.6  | 55.5   | JUN    | 1    |  |
| JUN                                                              | 11  | 30   | 69.5 | 6.6    | 69.0    | 87.8 74 | 55.5 54 | I       | 93 77 | 79.4                                                 | 6.4  | 79.5   | 42 54 | 57.3 | 8.1  | 56.0   | JUN    | 11   |  |
| JUN                                                              | 21  | 30   | 72.5 | 5.9    | 71.5    | 83.7 61 | 60.5 69 | I       | 89 55 | 81.9                                                 | 5.6  | 82.0   | 50 69 | 60.8 | 6.4  | 60.0   | JUN    | 21   |  |
| JUL                                                              | 1   | 30   | 77.5 | 5.1    | 77.0    | 87.6 68 | 61.0 55 | I       | 96 73 | 85.2                                                 | 5.2  | 85.5   | 48 55 | 66.5 | 6.8  | 67.5   | JUL    | 1    |  |
| JUL                                                              | 11  | 30   | 81.5 | 3.6    | 80.5    | 89.1 60 | 74.2 80 | I       | 96 70 | 88.2                                                 | 4.1  | 88.0   | 57 74 | 72.7 | 5.8  | 72.0   | JUL    | 11   |  |
| JUL                                                              | 21  | 30   | 83.7 | 2.7    | 83.0    | 88.0 68 | 78.0 63 | I       | 94 68 | 89.3                                                 | 2.5  | 89.0   | 65 75 | 75.9 | 5.2  | 76.0   | JUL    | 21   |  |
| AUG                                                              | 1   | 30   | 82.0 | 4.5    | 82.5    | 89.1 71 | 72.4 56 | I       | 98 61 | 88.0                                                 | 4.2  | 88.5   | 60 56 | 74.6 | 6.8  | 76.0   | AUG    | 1    |  |
| AUG                                                              | 11  | 30   | 80.4 | 4.8    | 81.0    | 92.1 67 | 68.0 68 | I       | 95 67 | 87.5                                                 | 3.2  | 88.0   | 49 68 | 70.8 | 10.0 | 74.0   | AUG    | 11   |  |
| AUG                                                              | 21  | 30   | 75.3 | 6.3    | 74.0    | 88.1 67 | 65.7 60 | I       | 96 69 | 84.7                                                 | 5.9  | 85.0   | 47 60 | 64.0 | 8.8  | 63.0   | AUG    | 21   |  |
| SEP                                                              | 1   | 30   | 74.2 | 4.6    | 75.0    | 83.8 55 | 63.5 64 | I       | 91 55 | 82.8                                                 | 4.1  | 83.0   | 48 64 | 62.6 | 6.4  | 63.0   | SEP    | 1    |  |
| SEP                                                              | 11  | 30   | 68.6 | 5.7    | 67.5    | 77.9 79 | 55.4 78 | I       | 86 53 | 79.6                                                 | 5.3  | 81.0   | 43 65 | 54.8 | 6.0  | 54.5   | SEP    | 11   |  |
| SEP                                                              | 21  | 30   | 66.4 | 7.7    | 65.5    | 79.4 67 | 52.7 59 | I       | 86 66 | 75.6                                                 | 6.8  | 76.0   | 37 68 | 55.1 | 9.1  | 55.5   | SEP    | 21   |  |
| OCT                                                              | 1   | 30   | 62.9 | 6.6    | 62.5    | 76.2 79 | 48.7 57 | I       | 81 79 | 73.3                                                 | 5.1  | 74.0   | 36 57 | 50.4 | 8.8  | 48.5   | OCT    | 1    |  |
| OCT                                                              | 11  | 30   | 58.1 | 6.0    | 58.5    | 68.5 58 | 45.2 51 | I       | 77 71 | 67.9                                                 | 6.2  | 69.0   | 38 71 | 46.8 | 6.5  | 45.0   | OCT    | 11   |  |
| OCT                                                              | 21  | 30   | 51.2 | 7.0    | 51.5    | 65.0 62 | 37.2 56 | I       | 70 52 | 61.4                                                 | 5.7  | 62.0   | 27 71 | 41.1 | 7.9  | 41.5   | OCT    | 21   |  |
| NOV                                                              | 1   | 30   | 47.0 | 5.1    | 45.0    | 57.3 76 | 37.1 73 | I       | 66 62 | 55.2                                                 | 5.7  | 54.0   | 28 56 | 37.1 | 5.7  | 37.0   | NOV    | 1    |  |
| NOV                                                              | 11  | 30   | 39.2 | 5.6    | 38.0    | 49.5 76 | 22.5 55 | I       | 56 76 | 47.7                                                 | 5.9  | 48.5   | 2 55  | 30.8 | 7.8  | 31.0   | NOV    | 11   |  |
| NOV                                                              | 21  | 30   | 36.2 | 3.8    | 35.0    | 44.6 69 | 29.0 52 | I       | 60 66 | 44.4                                                 | 6.1  | 43.5   | 20 79 | 28.1 | 4.4  | 28.0   | NOV    | 21   |  |
| DEC                                                              | 1   | 30   | 33.1 | 5.2    | 33.5    | 42.4 65 | 20.5 72 | I       | 50 65 | 40.8                                                 | 5.1  | 40.0   | 5 72  | 24.7 | 7.4  | 28.0   | DEC    | 1    |  |
| DEC                                                              | 11  | 30   | 31.7 | 4.4    | 32.0    | 39.6 69 | 22.5 61 | I       | 48 79 | 38.7                                                 | 5.0  | 39.5   | 6 64  | 23.8 | 6.7  | 25.0   | DEC    | 11   |  |
| DEC                                                              | 21  | 30   | 30.4 | 3.4    | 30.0    | 39.5 80 | 23.1 78 | I       | 47 64 | 38.4                                                 | 3.8  | 38.0   | 5 78  | 21.6 | 5.9  | 23.5   | DEC    | 21   |  |
| MONTH                                                            |     |      |      |        |         |         |         |         |       | MONTH                                                |      |        |       |      |      |        |        |      |  |
| JAN                                                              | 30  | 29.8 | 3.2  | 30.0   | 34.0 53 | 22.8 79 | I       | 49 71   | 41.6  | 3.7                                                  | 41.5 | 1 79   | 15.8  | 6.3  | 17.0 | JAN    |        |      |  |
| FEB                                                              | 30  | 35.3 | 4.3  | 35.0   | 45.6 63 | 26.3 56 | I       | 56 63   | 45.4  | 5.3                                                  | 44.5 | 4 56   | 23.4  | 7.1  | 22.5 | FEB    |        |      |  |
| MAR                                                              | 30  | 39.8 | 3.9  | 39.0   | 49.3 78 | 32.0 55 | I       | 64 78   | 52.2  | 5.9                                                  | 50.5 | 18 55  | 27.6  | 5.0  | 28.5 | MAR    |        |      |  |
| APR                                                              | 30  | 49.0 | 4.6  | 49.0   | 61.2 77 | 39.3 55 | I       | 80 77   | 63.1  | 6.9                                                  | 62.5 | 30 60  | 35.0  | 2.8  | 35.5 | APR    |        |      |  |
| MAY                                                              | 30  | 60.2 | 4.6  | 60.0   | 69.4 58 | 50.0 59 | I       | 85 66   | 75.9  | 5.4                                                  | 78.0 | 32 75  | 41.3  | 5.5  | 41.0 | MAY    |        |      |  |
| JUN                                                              | 30  | 69.8 | 4.0  | 69.0   | 79.3 61 | 61.9 54 | I       | 93 77   | 84.5  | 4.2                                                  | 85.0 | 40 54  | 52.2  | 4.9  | 51.5 | JUN    |        |      |  |
| JUL                                                              | 30  | 80.9 | 2.6  | 80.0   | 86.0 60 | 74.5 55 | I       | 96 73   | 90.7  | 2.9                                                  | 91.0 | 48 55  | 65.4  | 6.1  | 66.0 | JUL    |        |      |  |
| AUG                                                              | 30  | 79.1 | 4.4  | 77.5   | 88.2 67 | 72.5 76 | I       | 98 61   | 89.7  | 3.3                                                  | 89.0 | 47 60  | 62.3  | 8.6  | 61.0 | AUG    |        |      |  |
| SEP                                                              | 30  | 69.7 | 4.7  | 70.0   | 78.5 67 | 60.6 59 | I       | 91 55   | 83.6  | 3.4                                                  | 84.0 | 37 68  | 51.1  | 6.4  | 50.0 | SEP    |        |      |  |
| OCT                                                              | 30  | 57.2 | 4.3  | 57.0   | 65.3 52 | 48.5 51 | I       | 81 79   | 74.0  | 3.8                                                  | 74.0 | 27 71  | 39.3  | 5.9  | 39.0 | OCT    |        |      |  |
| NOV                                                              | 30  | 40.8 | 3.7  | 40.0   | 49.4 76 | 31.5 55 | I       | 66 62   | 55.6  | 5.6                                                  | 54.0 | 2 55   | 25.9  | 5.7  | 27.0 | NOV    |        |      |  |
| DEC                                                              | 30  | 31.7 | 3.2  | 31.5   | 36.2 62 | 25.0 78 | I       | 50 65   | 42.7  | 4.3                                                  | 42.5 | 5 78   | 18.1  | 6.5  | 20.0 | DEC    |        |      |  |

(con.)

Table 21 (Con.)

| MINIMUM DAILY TEMPERATURE       |       |      |      |        |         |         |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |         |          |           |            |  |             |
|---------------------------------|-------|------|------|--------|---------|---------|---|--|--|----------------------------------------------|-----------|-----------|-------------|---------|----------|-----------|------------|--|-------------|
| STATION NUMBER 105708 MC CALL   |       |      |      |        |         |         |   |  |  | 1951-1980                                    |           |           |             |         |          |           |            |  |             |
| 10-DAY AND MONTHLY PERIOD MEANS |       |      |      |        |         |         |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |         |          |           |            |  |             |
| PRD.                            | NO.   | MEAN | STD. | MEDIAN | HIGHEST | LOWEST  |   |  |  | HIGH, YR                                     | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW, YR | AVG. LOW | STD. DEV. | MEDIAN LOW |  | PRD. BEGINS |
| BEGINS                          | YRS   |      | DEV. |        | AVG. YR | AVG. YR |   |  |  |                                              |           |           |             |         |          |           |            |  |             |
| JAN                             | 1 30  | 10.1 | 8.3  | 10.5   | 23.0 53 | -9.7 74 | I |  |  | 38 53                                        | 25.0      | 8.2       | 27.0        | -26 79  | -7.1     | 9.9       | -1.0       |  | JAN 1       |
| JAN                             | 11 30 | 15.9 | 7.9  | 16.5   | 29.0 53 | -3.0 60 | I |  |  | 37 74                                        | 28.9      | 6.1       | 31.0        | -22 60  | -2.2     | 11.0      | -1.0       |  | JAN 11      |
| JAN                             | 21 30 | 10.9 | 8.2  | 10.0   | 23.8 53 | -6.1 57 | I |  |  | 34 67                                        | 26.9      | 5.8       | 28.5        | -31 62  | -7.8     | 11.9      | -1.0       |  | JAN 21      |
| FEB                             | 1 30  | 13.5 | 7.8  | 12.5   | 29.9 61 | -4.1 56 | I |  |  | 34 63                                        | 26.4      | 5.9       | 28.5        | -29 56  | -2.5     | 10.9      | -1.0       |  | FEB 1       |
| FEB                             | 11 30 | 15.6 | 6.7  | 13.5   | 27.8 61 | 2.4 55  | I |  |  | 34 58                                        | 28.6      | 4.0       | 30.0        | -25 56  | -0.3     | 11.0      | 0.5        |  | FEB 11      |
| FEB                             | 21 30 | 13.9 | 8.4  | 16.0   | 24.2 72 | -3.7 60 | I |  |  | 37 72                                        | 26.7      | 6.3       | 28.0        | -22 62  | 0.9      | 10.8      | 1.5        |  | FEB 21      |
| MAR                             | 1 30  | 14.4 | 6.1  | 14.5   | 25.0 57 | 1.5 76  | I |  |  | 37 72                                        | 27.6      | 5.7       | 30.0        | -22 55  | -0.2     | 9.2       | -1.0       |  | MAR 1       |
| MAR                             | 11 30 | 15.5 | 5.7  | 14.5   | 29.8 72 | 4.0 56  | I |  |  | 36 74                                        | 28.1      | 3.8       | 28.0        | -16 51  | 1.3      | 8.2       | 2.0        |  | MAR 11      |
| MAR                             | 21 30 | 20.2 | 4.8  | 20.0   | 29.2 78 | 11.5 75 | I |  |  | 34 73                                        | 30.2      | 2.7       | 30.5        | -10 52  | 8.0      | 8.6       | 8.5        |  | MAR 21      |
| APR                             | 1 30  | 23.5 | 3.7  | 24.0   | 28.3 72 | 12.5 75 | I |  |  | 37 78                                        | 31.4      | 2.9       | 32.0        | -2 75   | 14.2     | 6.1       | 15.0       |  | APR 1       |
| APR                             | 11 30 | 25.0 | 2.9  | 25.0   | 30.3 58 | 19.6 55 | I |  |  | 36 65                                        | 31.8      | 2.8       | 32.0        | 10 55   | 17.4     | 3.8       | 18.0       |  | APR 11      |
| APR                             | 21 30 | 28.2 | 2.7  | 28.0   | 34.6 80 | 24.5 67 | I |  |  | 41 78                                        | 34.3      | 3.0       | 34.5        | 13 55   | 21.7     | 4.1       | 22.0       |  | APR 21      |
| MAY                             | 1 30  | 31.5 | 2.9  | 31.0   | 38.3 80 | 26.2 55 | I |  |  | 46 80                                        | 38.8      | 3.1       | 38.0        | 15 72   | 24.7     | 4.5       | 26.0       |  | MAY 1       |
| MAY                             | 11 30 | 33.3 | 2.6  | 33.0   | 38.2 69 | 26.3 74 | I |  |  | 48 78                                        | 40.8      | 3.7       | 40.5        | 15 74   | 26.6     | 4.0       | 27.0       |  | MAY 11      |
| MAY                             | 21 30 | 36.0 | 3.5  | 35.0   | 45.3 58 | 30.1 75 | I |  |  | 58 77                                        | 44.4      | 4.8       | 44.0        | 18 75   | 28.4     | 4.6       | 28.0       |  | MAY 21      |
| JUN                             | 1 30  | 39.2 | 3.8  | 38.5   | 45.7 72 | 32.9 54 | I |  |  | 59 77                                        | 46.8      | 4.2       | 48.0        | 25 54   | 31.8     | 4.3       | 31.5       |  | JUN 1       |
| JUN                             | 11 30 | 40.9 | 3.4  | 40.0   | 47.6 63 | 35.1 78 | I |  |  | 55 74                                        | 48.3      | 3.4       | 48.0        | 27 52   | 34.1     | 4.6       | 33.5       |  | JUN 11      |
| JUN                             | 21 30 | 40.9 | 3.3  | 40.0   | 47.2 73 | 34.4 76 | I |  |  | 56 59                                        | 49.3      | 3.6       | 49.0        | 24 76   | 32.7     | 3.8       | 32.0       |  | JUN 21      |
| JUL                             | 1 30  | 43.0 | 3.0  | 43.0   | 48.6 61 | 37.9 73 | I |  |  | 58 68                                        | 50.8      | 4.2       | 51.0        | 26 55   | 35.2     | 4.4       | 35.0       |  | JUL 1       |
| JUL                             | 11 30 | 45.4 | 3.0  | 46.0   | 51.0 55 | 40.3 66 | I |  |  | 63 73                                        | 53.4      | 4.3       | 53.0        | 32 74   | 38.6     | 3.5       | 38.0       |  | JUL 11      |
| JUL                             | 21 30 | 45.3 | 3.2  | 45.0   | 51.5 60 | 40.5 66 | I |  |  | 62 59                                        | 53.7      | 3.8       | 54.0        | 30 54   | 37.8     | 4.2       | 37.0       |  | JUL 21      |
| AUG                             | 1 30  | 44.0 | 3.4  | 43.0   | 51.0 61 | 36.7 75 | I |  |  | 60 71                                        | 52.6      | 4.6       | 52.5        | 29 69   | 37.2     | 4.1       | 37.0       |  | AUG 1       |
| AUG                             | 11 30 | 43.0 | 3.6  | 42.0   | 50.2 58 | 35.7 74 | I |  |  | 65 61                                        | 50.8      | 5.8       | 49.0        | 29 78   | 36.3     | 4.3       | 36.5       |  | AUG 11      |
| AUG                             | 21 30 | 39.8 | 3.0  | 39.0   | 49.6 61 | 35.4 80 | I |  |  | 56 61                                        | 48.6      | 4.4       | 48.0        | 25 56   | 31.8     | 4.2       | 30.5       |  | AUG 21      |
| SEP                             | 1 30  | 37.9 | 3.2  | 37.5   | 47.3 63 | 29.9 75 | I |  |  | 61 63                                        | 46.4      | 5.0       | 47.0        | 23 75   | 29.8     | 3.1       | 30.0       |  | SEP 1       |
| SEP                             | 11 30 | 36.2 | 4.3  | 36.0   | 44.0 59 | 27.1 71 | I |  |  | 54 59                                        | 44.3      | 5.1       | 44.5        | 19 71   | 28.1     | 4.6       | 28.5       |  | SEP 11      |
| SEP                             | 21 30 | 33.6 | 4.0  | 33.0   | 41.0 66 | 25.7 75 | I |  |  | 50 63                                        | 41.8      | 5.3       | 41.5        | 18 54   | 26.3     | 4.4       | 26.5       |  | SEP 21      |
| OCT                             | 1 30  | 30.9 | 3.8  | 31.0   | 42.5 63 | 21.8 74 | I |  |  | 48 55                                        | 40.6      | 4.7       | 41.0        | 12 74   | 23.4     | 4.6       | 24.0       |  | OCT 1       |
| OCT                             | 11 30 | 29.8 | 3.7  | 30.0   | 35.2 53 | 22.8 74 | I |  |  | 52 53                                        | 39.0      | 5.3       | 40.0        | 14 76   | 23.1     | 3.9       | 24.0       |  | OCT 11      |
| OCT                             | 21 30 | 26.7 | 3.0  | 26.5   | 31.9 59 | 20.7 78 | I |  |  | 46 63                                        | 35.9      | 4.9       | 35.5        | 6 71    | 18.4     | 5.3       | 19.0       |  | OCT 21      |
| NOV                             | 1 30  | 25.3 | 4.0  | 25.0   | 33.6 58 | 15.9 71 | I |  |  | 42 80                                        | 34.2      | 4.4       | 34.0        | 4 56    | 16.0     | 6.0       | 17.0       |  | NOV 1       |
| NOV                             | 11 30 | 22.8 | 6.3  | 23.5   | 33.0 67 | 8.2 55  | I |  |  | 38 73                                        | 33.1      | 3.9       | 33.0        | -14 55  | 10.9     | 9.0       | 12.0       |  | NOV 11      |
| NOV                             | 21 30 | 19.5 | 5.7  | 20.5   | 30.2 53 | 3.8 52  | I |  |  | 37 74                                        | 29.9      | 5.1       | 32.0        | -6 79   | 7.3      | 7.5       | 8.0        |  | NOV 21      |
| DEC                             | 1 30  | 17.4 | 5.7  | 17.0   | 27.2 75 | 0.1 72  | I |  |  | 35 75                                        | 29.1      | 3.8       | 30.0        | -23 72  | 4.0      | 9.3       | 6.0        |  | DEC 1       |
| DEC                             | 11 30 | 16.4 | 6.5  | 16.0   | 28.3 69 | 3.4 67  | I |  |  | 36 62                                        | 28.1      | 5.0       | 30.0        | -24 64  | 1.8      | 9.4       | 3.0        |  | DEC 11      |
| DEC                             | 21 30 | 14.5 | 6.2  | 13.0   | 29.6 80 | -0.4 78 | I |  |  | 39 64                                        | 28.3      | 4.6       | 28.0        | -26 78  | -1.5     | 8.9       | -1.0       |  | DEC 21      |
| MONTH                           |       |      |      |        |         |         |   |  |  | MONTH                                        |           |           |             |         |          |           |            |  |             |
|                                 |       |      |      |        |         |         |   |  |  |                                              |           |           |             |         |          |           |            |  |             |
| JAN                             | 30    | 12.2 | 5.6  | 12.0   | 25.2 53 | -0.9 79 | I |  |  | 38 53                                        | 31.5      | 2.9       | 32.0        | -31 62  | -14.5    | 9.2       | -1.0       |  | JAN         |
| FEB                             | 30    | 14.4 | 5.2  | 13.0   | 26.0 61 | 5.6 64  | I |  |  | 37 72                                        | 30.9      | 2.9       | 31.5        | -29 56  | -8.2     | 9.9       | -1.0       |  | FEB         |
| MAR                             | 30    | 16.8 | 4.2  | 17.0   | 23.2 78 | 7.5 55  | I |  |  | 37 72                                        | 31.4      | 2.7       | 32.0        | -22 55  | -3.8     | 7.8       | -1.0       |  | MAR         |
| APR                             | 30    | 25.6 | 2.4  | 25.0   | 29.8 78 | 20.0 75 | I |  |  | 41 78                                        | 34.9      | 2.5       | 35.0        | -2 75   | 13.3     | 5.5       | 15.0       |  | APR         |
| MAY                             | 30    | 33.7 | 2.1  | 33.0   | 38.3 63 | 29.0 55 | I |  |  | 58 77                                        | 45.2      | 4.2       | 44.5        | 15 74   | 22.9     | 4.3       | 23.0       |  | MAY         |
| JUN                             | 30    | 40.3 | 2.4  | 40.0   | 45.2 58 | 35.4 75 | I |  |  | 59 77                                        | 51.0      | 3.5       | 50.5        | 24 76   | 29.3     | 2.9       | 29.0       |  | JUN         |
| JUL                             | 30    | 44.6 | 2.1  | 44.0   | 49.2 60 | 40.3 69 | I |  |  | 63 73                                        | 56.2      | 3.3       | 57.0        | 26 55   | 33.8     | 3.2       | 34.5       |  | JUL         |
| AUG                             | 30    | 42.2 | 2.7  | 41.0   | 50.0 61 | 38.0 74 | I |  |  | 65 61                                        | 55.1      | 3.7       | 55.0        | 25 56   | 31.4     | 3.9       | 30.0       |  | AUG         |
| SEP                             | 30    | 35.9 | 2.9  | 36.0   | 43.2 63 | 29.7 75 | I |  |  | 61 63                                        | 48.3      | 4.1       | 48.0        | 18 54   | 24.7     | 3.6       | 24.0       |  | SEP         |
| OCT                             | 30    | 29.1 | 2.5  | 29.0   | 35.3 63 | 24.1 78 | I |  |  | 52 53                                        | 42.4      | 4.4       | 42.0        | 6 71    | 17.2     | 5.0       | 18.0       |  | OCT         |
| NOV                             | 30    | 22.5 | 3.4  | 23.0   | 27.9 53 | 15.2 52 | I |  |  | 42 80                                        | 35.8      | 3.3       | 36.5        | -14 55  | 3.6      | 6.4       | 4.0        |  | NOV         |
| DEC                             | 30    | 16.0 | 4.0  | 15.0   | 24.3 58 | 5.9 78  | I |  |  | 39 64                                        | 31.9      | 2.7       | 32.0        | -26 78  | -6.4     | 8.4       | -1.0       |  | DEC         |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE                                                  |            |      |              |        |                   |                  |   |         |              | MEAN, STANDARD DEVIATION, AND EXTREME VALUES         |                |        |             |              |               |                |  |  |  |
|----------------------------------------------------------------------------|------------|------|--------------|--------|-------------------|------------------|---|---------|--------------|------------------------------------------------------|----------------|--------|-------------|--------------|---------------|----------------|--|--|--|
| STATION NUMBER 105897 MIDDLE FORK LODGE<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                   |                  |   |         |              | 1971-1981<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |                |        |             |              |               |                |  |  |  |
| PRD.<br>BEGINS                                                             | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG.YR | LOWEST<br>AVG.YR |   | HIGH.YR | AVG.<br>HIGH | STD.<br>DEV.                                         | MEDIAN<br>HIGH | LOW.YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRD.<br>BEGINS |  |  |  |
| JAN 1                                                                      | 10         | 27.1 | 9.2          | 30.5   | 37.6 81           | 11.6 79          | I | 58 78   | 36.7         | 9.8                                                  | 36.5           | 0 79   | 15.8        | 9.7          | 15.5          | JAN 1          |  |  |  |
| JAN 11                                                                     | 10         | 36.5 | 2.4          | 36.5   | 38.7 76           | 30.3 79          | I | 54 76   | 46.0         | 4.6                                                  | 44.5           | 17 73  | 25.0        | 5.7          | 25.0          | JAN 11         |  |  |  |
| JAN 21                                                                     | 10         | 33.9 | 4.5          | 34.5   | 38.6 81           | 26.5 79          | I | 49 81   | 44.2         | 3.3                                                  | 44.0           | 11 80  | 23.6        | 8.3          | 26.5          | JAN 21         |  |  |  |
| FEB 1                                                                      | 9          | 37.0 | 3.7          | 37.0   | 42.3 78           | 32.5 76          | I | 54 78   | 46.6         | 3.4                                                  | 46.0           | 13 79  | 25.3        | 9.8          | 27.0          | FEB 1          |  |  |  |
| FEB 11                                                                     | 9          | 43.1 | 4.7          | 42.0   | 54.4 77           | 38.6 75          | I | 59 77   | 51.6         | 4.3                                                  | 51.0           | 27 81  | 35.7        | 6.1          | 35.0          | FEB 11         |  |  |  |
| FEB 21                                                                     | 9          | 43.9 | 3.2          | 43.0   | 48.1 81           | 39.1 75          | I | 64 77   | 52.7         | 4.7                                                  | 51.0           | 28 75  | 37.1        | 4.6          | 38.0          | FEB 21         |  |  |  |
| MAR 1                                                                      | 10         | 46.6 | 4.8          | 46.0   | 56.5 81           | 39.3 76          | I | 70 72   | 55.3         | 6.6                                                  | 54.0           | 26 76  | 37.4        | 7.6          | 34.0          | MAR 1          |  |  |  |
| MAR 11                                                                     | 10         | 49.6 | 5.5          | 47.0   | 57.5 79           | 42.9 77          | I | 68 78   | 59.7         | 6.4                                                  | 58.0           | 35 76  | 39.6        | 3.0          | 38.0          | MAR 11         |  |  |  |
| MAR 21                                                                     | 10         | 49.4 | 7.3          | 48.0   | 66.1 78           | 37.5 75          | I | 73 78   | 61.8         | 6.7                                                  | 61.0           | 25 75  | 39.1        | 7.3          | 39.5          | MAR 21         |  |  |  |
| APR 1                                                                      | 10         | 52.3 | 5.3          | 51.5   | 59.7 77           | 41.6 75          | I | 77 77   | 63.5         | 7.9                                                  | 63.0           | 35 75  | 42.1        | 3.8          | 41.5          | APR 1          |  |  |  |
| APR 11                                                                     | 11         | 57.0 | 5.6          | 56.0   | 67.0 80           | 46.4 72          | I | 76 80   | 68.1         | 5.6                                                  | 69.0           | 39 76  | 44.6        | 4.7          | 45.0          | APR 11         |  |  |  |
| APR 21                                                                     | 11         | 61.7 | 7.4          | 59.0   | 75.5 77           | 51.9 75          | I | 82 77   | 71.0         | 7.4                                                  | 71.0           | 41 71  | 49.3        | 6.5          | 47.0          | APR 21         |  |  |  |
| MAY 1                                                                      | 10         | 62.6 | 4.5          | 61.0   | 68.9 71           | 54.8 75          | I | 82 81   | 73.0         | 5.1                                                  | 73.0           | 42 78  | 51.8        | 7.5          | 51.5          | MAY 1          |  |  |  |
| MAY 11                                                                     | 10         | 65.9 | 7.7          | 65.5   | 77.5 73           | 52.4 74          | I | 85 75   | 77.3         | 6.8                                                  | 77.5           | 46 77  | 52.2        | 5.3          | 50.5          | MAY 11         |  |  |  |
| MAY 21                                                                     | 10         | 68.5 | 4.0          | 68.5   | 74.5 79           | 61.2 77          | I | 85 79   | 79.9         | 4.5                                                  | 81.0           | 48 71  | 55.3        | 4.8          | 54.5          | MAY 21         |  |  |  |
| JUN 1                                                                      | 11         | 73.9 | 5.7          | 73.0   | 85.6 77           | 67.2 80          | I | 96 77   | 83.7         | 4.9                                                  | 83.0           | 54 81  | 63.2        | 7.1          | 61.0          | JUN 1          |  |  |  |
| JUN 11                                                                     | 11         | 74.0 | 7.5          | 73.0   | 92.8 74           | 65.3 81          | I | 98 74   | 84.1         | 6.4                                                  | 85.0           | 49 76  | 61.1        | 10.6         | 64.0          | JUN 11         |  |  |  |
| JUN 21                                                                     | 11         | 79.8 | 5.4          | 78.0   | 86.9 74           | 69.8 75          | I | 96 79   | 89.8         | 4.7                                                  | 90.0           | 54 71  | 66.8        | 6.6          | 69.0          | JUN 21         |  |  |  |
| JUL 1                                                                      | 9          | 82.9 | 4.8          | 82.0   | 91.1 75           | 76.2 78          | I | 99 81   | 92.0         | 5.2                                                  | 94.0           | 61 77  | 70.6        | 6.6          | 70.0          | JUL 1          |  |  |  |
| JUL 11                                                                     | 9          | 86.4 | 3.1          | 86.0   | 92.3 73           | 81.6 80          | I | 103 73  | 95.0         | 4.6                                                  | 95.0           | 65 74  | 76.1        | 6.5          | 76.0          | JUL 11         |  |  |  |
| JUL 21                                                                     | 9          | 88.6 | 3.3          | 88.0   | 94.0 80           | 85.0 77          | I | 100 80  | 95.4         | 3.6                                                  | 95.0           | 64 77  | 79.0        | 8.1          | 82.0          | JUL 21         |  |  |  |
| AUG 1                                                                      | 10         | 87.3 | 5.4          | 87.5   | 94.4 78           | 76.3 76          | M | 100 81  | 95.0         | 3.9                                                  | 95.5           | 65 74  | 78.5        | 8.3          | 80.0          | AUG 1          |  |  |  |
| AUG 11                                                                     | 10         | 84.6 | 6.8          | 83.5   | 92.8 81           | 74.7 76          | I | 98 77   | 92.6         | 5.1                                                  | 93.5           | 62 80  | 74.9        | 9.5          | 77.0          | AUG 11         |  |  |  |
| AUG 21                                                                     | 10         | 81.7 | 5.9          | 79.5   | 93.0 81           | 74.5 77          | I | 99 81   | 91.0         | 5.8                                                  | 91.5           | 59 74  | 68.7        | 8.7          | 66.0          | AUG 21         |  |  |  |
| SEP 1                                                                      | 10         | 81.2 | 2.7          | 81.0   | 86.2 81           | 76.7 72          | I | 94 81   | 90.1         | 2.0                                                  | 90.0           | 56 80  | 69.1        | 8.4          | 67.0          | SEP 1          |  |  |  |
| SEP 11                                                                     | 10         | 74.7 | 8.4          | 73.0   | 91.0 81           | 59.3 78          | I | 97 81   | 85.4         | 7.1                                                  | 86.5           | 44 78  | 60.0        | 9.5          | 57.5          | SEP 11         |  |  |  |
| SEP 21                                                                     | 10         | 70.2 | 8.4          | 73.0   | 79.3 74           | 59.5 72          | I | 90 79   | 80.4         | 6.6                                                  | 80.5           | 43 72  | 58.6        | 10.7         | 61.5          | SEP 21         |  |  |  |
| OCT 1                                                                      | 10         | 69.4 | 6.6          | 68.5   | 80.5 79           | 61.0 77          | I | 86 79   | 78.5         | 5.1                                                  | 79.5           | 42 71  | 56.2        | 10.6         | 53.5          | OCT 1          |  |  |  |
| OCT 11                                                                     | 10         | 63.5 | 4.9          | 63.5   | 70.3 78           | 57.7 80          | I | 82 79   | 74.1         | 4.6                                                  | 75.0           | 42 80  | 51.4        | 7.5          | 52.0          | OCT 11         |  |  |  |
| OCT 21                                                                     | 11         | 54.1 | 5.4          | 55.0   | 62.1 78           | 45.6 75          | I | 70 78   | 64.1         | 4.9                                                  | 64.0           | 29 71  | 42.4        | 5.8          | 43.0          | OCT 21         |  |  |  |
| NOV 1                                                                      | 9          | 49.8 | 6.7          | 48.0   | 57.7 80           | 37.8 73          | I | 65 78   | 55.8         | 6.5                                                  | 54.0           | 28 73  | 41.7        | 8.5          | 41.0          | NOV 1          |  |  |  |
| NOV 11                                                                     | 9          | 43.2 | 3.7          | 42.0   | 51.4 76           | 39.2 78          | I | 60 76   | 52.0         | 5.1                                                  | 51.0           | 25 78  | 35.0        | 5.0          | 36.0          | NOV 11         |  |  |  |
| NOV 21                                                                     | 10         | 38.0 | 2.7          | 37.5   | 41.5 80           | 33.2 79          | I | 55 76   | 49.0         | 4.3                                                  | 49.0           | 23 79  | 28.4        | 3.6          | 29.0          | NOV 21         |  |  |  |
| DEC 1                                                                      | 10         | 36.5 | 7.4          | 37.0   | 47.2 75           | 22.6 72          | I | 59 75   | 47.1         | 6.5                                                  | 48.0           | 4 72   | 25.3        | 10.9         | 29.0          | DEC 1          |  |  |  |
| DEC 11                                                                     | 9          | 34.4 | 5.5          | 35.0   | 41.6 79           | 22.5 72          | I | 53 79   | 43.1         | 4.5                                                  | 42.0           | 2 72   | 24.8        | 9.4          | 29.0          | DEC 11         |  |  |  |
| DEC 21                                                                     | 10         | 34.4 | 4.7          | 33.5   | 44.3 80           | 29.1 78          | I | 53 80   | 45.1         | 4.4                                                  | 44.0           | 3 78   | 23.3        | 8.9          | 24.0          | DEC 21         |  |  |  |
| MONTH                                                                      |            |      |              |        |                   |                  | I |         |              |                                                      |                |        |             |              |               | MONTH          |  |  |  |
| JAN                                                                        | 10         | 32.6 | 4.4          | 33.0   | 38.1 81           | 22.9 79          | I | 58 78   | 48.2         | 5.4                                                  | 48.5           | 0 79   | 13.5        | 8.5          | 12.0          | JAN            |  |  |  |
| FEB                                                                        | 9          | 41.1 | 3.0          | 40.0   | 47.2 77           | 37.1 75          | I | 64 77   | 53.3         | 4.5                                                  | 52.0           | 13 79  | 24.2        | 8.8          | 27.0          | FEB            |  |  |  |
| MAR                                                                        | 10         | 48.6 | 4.5          | 47.0   | 55.5 78           | 43.2 76          | M | 73 78   | 63.2         | 6.0                                                  | 62.5           | 25 75  | 33.5        | 5.1          | 34.0          | MAR            |  |  |  |
| APR                                                                        | 10         | 57.3 | 4.6          | 56.5   | 65.5 77           | 49.6 75          | I | 82 77   | 72.9         | 5.6                                                  | 72.0           | 35 75  | 40.3        | 2.9          | 41.0          | APR            |  |  |  |
| MAY                                                                        | 10         | 65.7 | 3.4          | 65.5   | 70.5 76           | 61.1 78          | I | 85 79   | 81.4         | 3.7                                                  | 81.5           | 42 78  | 48.0        | 5.1          | 47.0          | MAY            |  |  |  |
| JUN                                                                        | 11         | 75.9 | 4.3          | 75.0   | 83.9 74           | 70.9 75          | M | 98 74   | 91.0         | 5.3                                                  | 91.0           | 49 76  | 57.5        | 6.8          | 56.0          | JUN            |  |  |  |
| JUL                                                                        | 9          | 86.0 | 1.7          | 85.0   | 89.1 75           | 83.0 77          | I | 103 73  | 98.3         | 2.7                                                  | 98.0           | 61 77  | 68.1        | 4.9          | 69.0          | JUL            |  |  |  |
| AUG                                                                        | 10         | 84.4 | 4.5          | 83.0   | 92.4 81           | 77.4 76          | M | 100 81  | 95.9         | 3.3                                                  | 96.5           | 59 74  | 67.5        | 9.0          | 63.0          | AUG            |  |  |  |
| SEP                                                                        | 10         | 75.5 | 4.4          | 74.5   | 81.3 79           | 68.7 72          | I | 97 81   | 90.4         | 2.8                                                  | 90.0           | 43 72  | 53.7        | 9.2          | 53.0          | SEP            |  |  |  |
| OCT                                                                        | 10         | 62.0 | 3.7          | 61.0   | 68.9 78           | 56.9 75          | I | 86 79   | 79.3         | 3.5                                                  | 79.5           | 29 71  | 42.4        | 5.8          | 43.0          | OCT            |  |  |  |
| NOV                                                                        | 8          | 43.8 | 3.4          | 42.5   | 49.5 76           | 38.8 73          | I | 65 78   | 57.3         | 6.0                                                  | 58.0           | 23 79  | 27.3        | 3.6          | 26.0          | NOV            |  |  |  |
| DEC                                                                        | 9          | 34.7 | 4.1          | 36.0   | 39.5 75           | 28.4 72          | I | 59 75   | 48.8         | 5.5                                                  | 49.0           | 2 72   | 18.6        | 9.6          | 23.0          | DEC            |  |  |  |

(con.)

Table 21 (Con.)

| MINIMUM DAILY TEMPERATURE               |        |      |      |           |         |                 |                |     |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |         |          |           |            |     |          |
|-----------------------------------------|--------|------|------|-----------|---------|-----------------|----------------|-----|--|----------------------------------------------|-----------|-----------|-------------|---------|----------|-----------|------------|-----|----------|
| STATION NUMBER 105897 MIDDLE FORK LODGE |        |      |      |           |         |                 |                |     |  | 1971-1981                                    |           |           |             |         |          |           |            |     |          |
| 10-DAY AND MONTHLY PERIOD MEANS         |        |      |      |           |         |                 |                |     |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |         |          |           |            |     |          |
| PRO. NO.                                | BEGINS | YRS  | MEAN | STD. DEV. | MEDIAN  | HIGHEST AVG. YR | LOWEST AVG. YR |     |  | HIGH. YR                                     | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW. YR | AVG. LOW | STD. DEV. | MEDIAN LOW |     | PRO. NO. |
| JAN                                     | 1      | 10   | 6.8  | 10.0      | 8.0     | 22.9 81         | -8.7 79        | I   |  | 31 81                                        | 19.5      | 9.6       | 20.5        | -23 79  | -5.9     | 11.1      | -1.0       | JAN | 1        |
| JAN                                     | 11     | 10   | 16.8 | 4.9       | 16.0    | 25.3 78         | 8.3 79         | I   |  | 34 74                                        | 29.0      | 4.3       | 29.5        | -7 74   | 1.4      | 8.0       | -1.0       | JAN | 11       |
| JAN                                     | 21     | 10   | 11.7 | 8.5       | 12.0    | 23.5 74         | -4.7 79        | I   |  | 33 74                                        | 24.9      | 7.8       | 26.0        | -21 79  | -0.4     | 11.3      | 2.5        | JAN | 21       |
| FEB                                     | 1      | 9    | 11.8 | 6.5       | 11.0    | 24.0 78         | 2.8 76         | I   |  | 31 78                                        | 24.8      | 6.5       | 26.0        | -19 79  | -1.6     | 12.3      | 0.0        | FEB | 1        |
| FEB                                     | 11     | 9    | 18.9 | 3.4       | 18.0    | 24.5 79         | 14.2 73        | I   |  | 32 79                                        | 27.4      | 4.8       | 29.0        | 0 81    | 7.7      | 5.8       | 6.0        | FEB | 11       |
| FEB                                     | 21     | 9    | 17.8 | 5.9       | 17.0    | 25.6 81         | 7.5 75         | I   |  | 34 72                                        | 27.2      | 4.4       | 26.0        | -1 75   | 10.4     | 6.8       | 12.0       | FEB | 21       |
| MAR                                     | 1      | 10   | 21.6 | 4.7       | 22.0    | 26.4 80         | 9.4 76         | I   |  | 36 77                                        | 30.7      | 3.4       | 31.0        | -3 76   | 13.3     | 7.4       | 15.5       | MAR | 1        |
| MAR                                     | 11     | 10   | 23.2 | 3.9       | 22.5    | 31.5 72         | 17.6 77        | I   |  | 36 74                                        | 30.2      | 3.7       | 29.5        | 12 77   | 17.3     | 5.0       | 17.0       | MAR | 11       |
| MAR                                     | 21     | 10   | 23.8 | 4.1       | 23.0    | 29.7 78         | 16.6 75        | I   |  | 36 78                                        | 30.6      | 3.1       | 29.5        | 2 75    | 17.6     | 7.6       | 19.0       | MAR | 21       |
| APR                                     | 1      | 10   | 26.5 | 2.9       | 26.0    | 31.8 78         | 20.9 75        | I   |  | 37 78                                        | 32.3      | 2.2       | 32.0        | 11 75   | 21.0     | 5.1       | 20.5       | APR | 1        |
| APR                                     | 11     | 11   | 27.5 | 1.8       | 27.0    | 29.1 80         | 22.5 72        | I   |  | 42 81                                        | 34.9      | 3.0       | 34.0        | 18 72   | 22.7     | 1.8       | 23.0       | APR | 11       |
| APR                                     | 21     | 11   | 31.9 | 4.0       | 31.0    | 38.2 81         | 25.5 72        | I   |  | 42 81                                        | 36.5      | 4.5       | 37.0        | 21 75   | 27.7     | 4.2       | 27.0       | APR | 21       |
| MAY                                     | 1      | 10   | 32.6 | 2.5       | 32.5    | 35.7 77         | 26.7 72        | I   |  | 43 81                                        | 38.6      | 3.8       | 39.0        | 20 72   | 26.7     | 2.8       | 27.0       | MAY | 1        |
| MAY                                     | 11     | 10   | 34.0 | 2.5       | 34.5    | 37.3 78         | 28.7 74        | I   |  | 46 78                                        | 39.6      | 3.9       | 40.0        | 22 74   | 28.1     | 2.8       | 28.0       | MAY | 11       |
| MAY                                     | 21     | 10   | 36.1 | 3.2       | 35.0    | 43.1 81         | 31.0 75        | I   |  | 48 81                                        | 42.6      | 3.1       | 43.0        | 26 75   | 29.8     | 3.5       | 29.5       | MAY | 21       |
| JUN                                     | 1      | 11   | 38.9 | 5.1       | 37.0    | 46.4 77         | 29.0 75        | I   |  | 55 77                                        | 45.3      | 5.2       | 45.0        | 22 75   | 32.9     | 5.3       | 33.0       | JUN | 1        |
| JUN                                     | 11     | 11   | 40.1 | 3.1       | 39.0    | 46.9 77         | 36.1 78        | I   |  | 52 77                                        | 45.6      | 3.5       | 46.0        | 29 72   | 34.5     | 3.3       | 34.0       | JUN | 11       |
| JUN                                     | 21     | 11   | 42.2 | 2.9       | 41.0    | 47.2 73         | 37.4 72        | I   |  | 51 73                                        | 47.6      | 2.9       | 49.0        | 29 75   | 36.0     | 3.3       | 37.0       | JUN | 21       |
| JUL                                     | 1      | 9    | 43.6 | 2.8       | 43.0    | 46.9 80         | 37.9 71        | I   |  | 54 81                                        | 50.2      | 3.2       | 50.0        | 31 81   | 35.9     | 4.2       | 36.0       | JUL | 1        |
| JUL                                     | 11     | 9    | 46.3 | 3.2       | 44.0    | 50.3 75         | 42.3 74        | I   |  | 65 77                                        | 53.7      | 6.6       | 54.0        | 34 74   | 40.2     | 4.1       | 40.0       | JUL | 11       |
| JUL                                     | 21     | 9    | 47.3 | 2.5       | 47.0    | 50.9 77         | 42.1 81        | M I |  | 58 77                                        | 51.0      | 3.8       | 51.0        | 39 81   | 43.4     | 2.7       | 43.0       | JUL | 21       |
| AUG                                     | 1      | 10   | 45.9 | 2.3       | 46.0    | 49.1 77         | 42.4 75        | I   |  | 56 77                                        | 51.9      | 3.6       | 53.0        | 37 80   | 41.1     | 3.0       | 41.5       | AUG | 1        |
| AUG                                     | 11     | 10   | 43.5 | 4.2       | 43.5    | 49.3 72         | 36.9 75        | I   |  | 56 72                                        | 48.5      | 4.6       | 48.5        | 32 75   | 39.0     | 4.4       | 38.5       | AUG | 11       |
| AUG                                     | 21     | 10   | 40.9 | 2.8       | 41.0    | 43.7 73         | 34.3 75        | I   |  | 50 77                                        | 45.9      | 3.7       | 46.5        | 32 77   | 35.8     | 3.3       | 35.5       | AUG | 21       |
| SEP                                     | 1      | 10   | 38.6 | 3.2       | 37.5    | 43.8 78         | 34.1 75        | I   |  | 53 80                                        | 44.4      | 5.1       | 44.0        | 28 76   | 32.8     | 2.7       | 33.0       | SEP | 1        |
| SEP                                     | 11     | 10   | 36.6 | 4.0       | 36.0    | 43.8 80         | 28.4 71        | I   |  | 54 80                                        | 43.6      | 5.2       | 42.5        | 22 71   | 30.2     | 4.8       | 30.5       | SEP | 11       |
| SEP                                     | 21     | 10   | 33.2 | 3.7       | 32.5    | 39.4 76         | 27.8 71        | I   |  | 48 76                                        | 38.6      | 4.7       | 38.5        | 24 72   | 28.1     | 4.5       | 26.5       | SEP | 21       |
| OCT                                     | 1      | 10   | 30.6 | 2.4       | 29.5    | 34.2 79         | 26.4 81        | M I |  | 42 75                                        | 37.6      | 2.4       | 38.0        | 19 81   | 25.7     | 3.6       | 26.5       | OCT | 1        |
| OCT                                     | 11     | 10   | 30.3 | 4.2       | 29.0    | 37.0 72         | 25.2 76        | I   |  | 43 73                                        | 36.4      | 4.7       | 35.5        | 18 76   | 25.1     | 4.4       | 23.5       | OCT | 11       |
| OCT                                     | 21     | 11   | 25.9 | 3.5       | 25.0    | 30.6 77         | 20.2 71        | I   |  | 41 77                                        | 34.0      | 3.1       | 33.0        | 4 71    | 19.5     | 6.7       | 19.0       | OCT | 21       |
| NOV                                     | 1      | 9    | 24.6 | 4.8       | 24.0    | 31.1 80         | 15.4 71        | I   |  | 42 76                                        | 33.4      | 5.2       | 34.0        | 6 71    | 17.4     | 6.1       | 17.0       | NOV | 1        |
| NOV                                     | 11     | 9    | 22.4 | 5.4       | 21.0    | 29.9 73         | 15.0 79        | I   |  | 38 73                                        | 30.8      | 4.4       | 31.0        | 4 78    | 13.2     | 6.6       | 12.0       | NOV | 11       |
| NOV                                     | 21     | 10   | 17.1 | 5.0       | 17.5    | 23.6 71         | 7.6 79         | I   |  | 33 74                                        | 26.0      | 4.9       | 26.5        | -5 79   | 6.8      | 8.0       | 9.5        | NOV | 21       |
| DEC                                     | 1      | 10   | 16.3 | 7.5       | 16.5    | 24.4 75         | 2.4 72         | I   |  | 33 80                                        | 29.2      | 3.8       | 30.0        | -15 72  | 2.8      | 10.5      | 4.5        | DEC | 1        |
| DEC                                     | 11     | 9    | 14.0 | 6.1       | 14.0    | 24.5 73         | 5.5 72         | I   |  | 32 73                                        | 25.0      | 4.9       | 25.0        | -18 72  | 4.1      | 10.8      | 9.0        | DEC | 11       |
| DEC                                     | 21     | 10   | 15.6 | 7.7       | 13.0    | 30.8 80         | 4.7 78         | I   |  | 34 80                                        | 28.6      | 3.8       | 27.5        | -21 78  | 3.8      | 12.5      | 3.5        | DEC | 21       |
| MONTH                                   |        |      |      |           |         |                 |                |     |  | MONTH                                        |           |           |             |         |          |           |            |     |          |
| JAN                                     | 10     | 11.8 | 5.9  | 11.5      | 19.9 81 | -1.8 79         | I              |     |  | 34 74                                        | 30.3      | 3.0       | 31.0        | -23 79  | -9.1     | 8.8       | -1.0       | JAN |          |
| FEB                                     | 9      | 16.1 | 2.7  | 16.0      | 20.0 78 | 11.8 76         | I              |     |  | 34 72                                        | 30.9      | 2.0       | 31.0        | -19 79  | -4.0     | 9.2       | 0.0        | FEB |          |
| MAR                                     | 10     | 22.9 | 2.8  | 23.5      | 25.7 81 | 16.4 76         | M I            |     |  | 36 78                                        | 33.3      | 2.9       | 33.0        | -3 76   | 10.2     | 7.1       | 12.0       | MAR |          |
| APR                                     | 10     | 28.6 | 2.3  | 28.5      | 31.8 78 | 24.9 72         | I              |     |  | 42 81                                        | 37.7      | 3.3       | 38.0        | 11 75   | 19.7     | 3.9       | 20.5       | APR |          |
| MAY                                     | 10     | 34.3 | 1.9  | 34.0      | 37.3 81 | 31.6 72         | I              |     |  | 48 81                                        | 43.2      | 2.8       | 43.0        | 20 72   | 25.8     | 3.0       | 26.5       | MAY |          |
| JUN                                     | 11     | 40.4 | 2.8  | 39.0      | 47.3 77 | 35.8 75         | M I            |     |  | 55 77                                        | 49.2      | 2.8       | 50.0        | 22 75   | 31.5     | 4.6       | 32.0       | JUN |          |
| JUL                                     | 9      | 45.8 | 1.8  | 46.0      | 48.0 77 | 43.4 71         | I              |     |  | 65 77                                        | 55.7      | 4.7       | 54.0        | 31 81   | 35.8     | 4.0       | 36.0       | JUL |          |
| AUG                                     | 10     | 43.4 | 2.6  | 44.0      | 46.3 72 | 37.7 75         | I              |     |  | 56 77                                        | 52.3      | 3.6       | 53.0        | 32 77   | 35.1     | 2.7       | 35.0       | AUG |          |
| SEP                                     | 10     | 36.1 | 2.9  | 36.5      | 39.8 80 | 30.5 71         | I              |     |  | 54 80                                        | 45.8      | 4.8       | 45.0        | 22 71   | 26.7     | 3.1       | 26.5       | SEP |          |
| OCT                                     | 10     | 28.7 | 2.5  | 28.5      | 32.9 79 | 25.7 71         | I              |     |  | 43 73                                        | 39.1      | 3.1       | 38.5        | 4 71    | 18.3     | 6.3       | 18.0       | OCT |          |
| NOV                                     | 8      | 21.6 | 3.1  | 21.5      | 25.2 73 | 15.2 79         | I              |     |  | 42 76                                        | 34.9      | 4.1       | 34.5        | -5 79   | 4.9      | 6.6       | 5.0        | NOV |          |
| DEC                                     | 9      | 14.7 | 5.0  | 15.0      | 22.7 73 | 6.8 78          | I              |     |  | 34 80                                        | 29.8      | 3.4       | 30.0        | -21 78  | -3.3     | 10.3      | 0.0        | DEC |          |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE       |     |      |      |        |           |           |           |   |   | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |       |      |        |         |      |      |        |        |    |
|---------------------------------|-----|------|------|--------|-----------|-----------|-----------|---|---|----------------------------------------------|-------|------|--------|---------|------|------|--------|--------|----|
| STATION NUMBER 107706 RIGGINS   |     |      |      |        |           |           |           |   |   | 1951-1980                                    |       |      |        |         |      |      |        |        |    |
| 10-DAY AND MONTHLY PERIOD MEANS |     |      |      |        |           |           |           |   |   | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |       |      |        |         |      |      |        |        |    |
| PRD.                            | NO. | MEAN | STD. | MEDIAN | HIGHEST   | LOWEST    | I         | I | I | HIGH, YR                                     | AVG.  | STD. | MEDIAN | LOW, YR | AVG. | STD. | MEDIAN | PRD.   | I  |
| BEGINS                          | YRS |      | DEV. |        | AVG. YR   | AVG. YR   | I         | I | I |                                              | HIGH  | DEV. | HIGH   |         | LOW  | DEV. | LOW    | BEGINS | I  |
| JAN                             | 1   | 29   | 39.1 | 6.8    | 39.0      | 52.2 54 M | 21.3 74   | I | I | 64 53                                        | 47.0  | 8.0  | 48.0   | 12 79   | 30.5 | 7.2  | 32.0   | JAN    | 1  |
| JAN                             | 11  | 29   | 42.9 | 5.4    | 44.0      | 52.9 53 M | 29.8 63   | I | I | 64 53                                        | 50.6  | 6.2  | 51.0   | 17 63   | 35.0 | 6.8  | 35.0   | JAN    | 11 |
| JAN                             | 21  | 28   | 42.3 | 5.7    | 42.5      | 53.1 53   | 28.6 57   | I | I | 62 53                                        | 51.0  | 5.8  | 52.0   | 10 62   | 32.8 | 8.6  | 34.5   | JAN    | 21 |
| FEB                             | 1   | 28   | 47.5 | 5.6    | 47.0      | 59.1 63   | 37.8 56   | I | I | 67 63                                        | 55.6  | 5.6  | 54.5   | 23 76   | 39.3 | 8.5  | 41.0   | FEB    | 1  |
| FEB                             | 11  | 29   | 49.8 | 4.7    | 49.0      | 61.7 77   | 39.3 56   | I | I | 72 77                                        | 57.9  | 4.3  | 57.0   | 27 56   | 42.5 | 6.5  | 42.0   | FEB    | 11 |
| FEB                             | 21  | 26   | 52.4 | 6.3    | 52.5      | 61.3 63   | 34.0 60   | I | I | 69 54                                        | 60.1  | 5.8  | 59.5   | 20 60   | 45.0 | 8.4  | 46.0   | FEB    | 21 |
| MAR                             | 1   | 26   | 52.6 | 5.2    | 51.5      | 62.7 68   | 41.4 51   | I | I | 76 72                                        | 60.9  | 7.1  | 60.5   | 34 51   | 43.3 | 4.5  | 43.5   | MAR    | 1  |
| MAR                             | 11  | 27   | 56.0 | 4.2    | 56.0      | 67.6 72   | 49.7 52   | I | I | 76 78                                        | 65.5  | 4.5  | 64.0   | 34 65   | 46.1 | 5.7  | 46.0   | MAR    | 11 |
| MAR                             | 21  | 28   | 60.0 | 5.9    | 59.5      | 73.7 78   | 47.1 75   | I | I | 83 78                                        | 69.9  | 7.8  | 69.5   | 38 65   | 48.6 | 5.3  | 48.5   | MAR    | 21 |
| APR                             | 1   | 27   | 63.8 | 6.0    | 62.0      | 77.2 60 M | 49.5 75   | I | I | 84 77                                        | 73.6  | 6.9  | 75.0   | 42 76   | 52.7 | 6.0  | 52.0   | APR    | 1  |
| APR                             | 11  | 27   | 64.5 | 5.7    | 64.0      | 80.4 62 M | 52.2 55 M | I | I | 90 62                                        | 74.5  | 7.5  | 76.0   | 44 72   | 54.1 | 5.1  | 54.0   | APR    | 11 |
| APR                             | 21  | 27   | 66.8 | 7.3    | 67.0      | 85.3 77   | 55.0 67   | I | I | 95 77                                        | 77.7  | 8.3  | 78.0   | 44 75   | 55.2 | 6.5  | 54.0   | APR    | 21 |
| MAY                             | 1   | 30   | 70.5 | 6.5    | 71.0      | 88.3 66   | 58.9 52 M | I | I | 97 66                                        | 82.0  | 6.9  | 82.0   | 45 64   | 57.7 | 7.7  | 57.0   | MAY    | 1  |
| MAY                             | 11  | 30   | 74.3 | 6.0    | 74.0      | 87.8 73   | 62.8 74   | I | I | 98 54                                        | 86.0  | 6.3  | 87.5   | 50 77   | 60.8 | 6.4  | 61.0   | MAY    | 11 |
| MAY                             | 21  | 30   | 76.0 | 6.1    | 75.0      | 90.8 58   | 66.9 53 M | I | I | 99 66                                        | 87.6  | 6.4  | 88.5   | 49 80   | 62.9 | 7.7  | 61.5   | MAY    | 21 |
| JUN                             | 1   | 30   | 79.7 | 6.5    | 80.0      | 90.0 69   | 68.1 54 M | I | I | 102 57                                       | 89.5  | 6.1  | 89.5   | 54 54   | 68.1 | 7.9  | 69.0   | JUN    | 1  |
| JUN                             | 11  | 30   | 81.7 | 5.9    | 79.0      | 98.9 74   | 74.3 52   | I | I | 104 74                                       | 91.5  | 5.0  | 91.0   | 55 79   | 68.9 | 8.7  | 67.5   | JUN    | 11 |
| JUN                             | 21  | 30   | 85.0 | 5.6    | 84.0      | 94.1 61   | 73.3 69   | I | I | 106 70                                       | 95.1  | 6.9  | 96.0   | 59 75   | 73.2 | 7.7  | 73.0   | JUN    | 21 |
| JUL                             | 1   | 30   | 89.3 | 5.3    | 89.5      | 100.2 68  | 75.1 55   | I | I | 110 73                                       | 98.2  | 5.0  | 98.5   | 64 78   | 78.8 | 6.5  | 79.5   | JUL    | 1  |
| JUL                             | 11  | 30   | 93.5 | 4.2    | 92.5      | 103.4 60  | 86.0 80   | I | I | 110 67                                       | 101.9 | 4.6  | 100.0  | 72 76   | 83.1 | 6.6  | 82.0   | JUL    | 11 |
| JUL                             | 21  | 30   | 95.9 | 3.3    | 96.0      | 102.5 51  | 89.5 70   | I | I | 111 59                                       | 103.0 | 3.7  | 100.0  | 70 64   | 86.2 | 6.9  | 88.0   | JUL    | 21 |
| AUG                             | 1   | 30   | 95.1 | 4.2    | 96.0      | 104.2 71  | 86.4 76   | I | I | 114 61                                       | 102.5 | 4.9  | 100.0  | 75 76   | 86.4 | 6.2  | 87.0   | AUG    | 1  |
| AUG                             | 11  | 30   | 93.0 | 6.3    | 93.0      | 104.8 67  | 79.8 78   | I | I | 108 71                                       | 100.8 | 4.8  | 100.0  | 62 68   | 83.2 | 9.7  | 84.0   | AUG    | 11 |
| AUG                             | 21  | 30   | 88.0 | 6.3    | 86.5      | 98.8 70   | 77.0 60 M | I | I | 112 69                                       | 98.5  | 6.7  | 98.0   | 63 64   | 76.3 | 8.1  | 75.0   | AUG    | 21 |
| SEP                             | 1   | 30   | 86.6 | 4.8    | 86.0      | 97.8 55   | 75.1 64   | I | I | 105 67                                       | 96.5  | 4.6  | 96.5   | 58 64   | 73.5 | 7.1  | 73.0   | SEP    | 1  |
| SEP                             | 11  | 30   | 80.7 | 6.1    | 80.0      | 94.1 53   | 66.6 78   | I | I | 101 53                                       | 91.1  | 5.8  | 92.0   | 56 65   | 68.7 | 6.7  | 69.0   | SEP    | 11 |
| SEP                             | 21  | 30   | 78.1 | 8.2    | 78.0      | 94.3 67   | 63.1 77   | I | I | 99 66                                        | 86.6  | 7.1  | 86.0   | 50 68   | 67.8 | 10.2 | 66.5   | SEP    | 21 |
| OCT                             | 1   | 30   | 73.7 | 6.1    | 73.5      | 85.3 65   | 63.0 77   | I | I | 95 63                                        | 82.7  | 5.9  | 83.0   | 50 75   | 62.4 | 7.8  | 60.5   | OCT    | 1  |
| OCT                             | 11  | 30   | 67.9 | 5.1    | 68.5      | 78.0 63   | 58.2 69   | I | I | 84 79                                        | 76.0  | 5.5  | 75.5   | 50 71   | 58.1 | 5.4  | 56.5   | OCT    | 11 |
| OCT                             | 21  | 30   | 61.7 | 5.2    | 61.0      | 71.0 52   | 50.2 61   | I | I | 76 68                                        | 70.4  | 5.2  | 72.0   | 35 71   | 53.0 | 6.9  | 52.5   | OCT    | 21 |
| NOV                             | 1   | 27   | 55.7 | 4.0    | 55.0      | 63.3 65   | 46.2 73   | I | I | 71 80                                        | 63.0  | 3.9  | 62.0   | 37 78   | 48.3 | 5.3  | 50.0   | NOV    | 1  |
| NOV                             | 11  | 25   | 50.3 | 5.6    | 49.0      | 58.1 74   | 32.2 55   | I | I | 69 53                                        | 59.4  | 4.6  | 60.0   | 16 55   | 42.1 | 8.2  | 44.0   | NOV    | 11 |
| NOV                             | 21  | 27   | 46.9 | 3.5    | 47.0      | 53.5 53 M | 39.3 78   | I | I | 67 74                                        | 55.1  | 5.4  | 56.0   | 28 77   | 39.4 | 4.9  | 40.0   | NOV    | 21 |
| DEC                             | 1   | 27   | 44.0 | 5.4    | 44.0      | 51.4 65   | 25.4 72   | I | I | 63 68                                        | 52.7  | 5.4  | 53.0   | 13 72   | 36.0 | 7.5  | 38.0   | DEC    | 1  |
| DEC                             | 11  | 27   | 42.8 | 4.8    | 44.0      | 50.3 69   | 32.0 67   | I | I | 59 69                                        | 50.7  | 4.2  | 51.0   | 14 64   | 34.5 | 8.0  | 36.0   | DEC    | 11 |
| DEC                             | 21  | 27   | 42.0 | 4.5    | 42.0      | 53.3 80   | 32.1 68 M | I | I | 63 80                                        | 51.1  | 5.5  | 50.0   | 11 78   | 33.2 | 7.5  | 34.0   | DEC    | 21 |
| MONTH                           |     |      |      |        |           |           |           |   |   | MONTH                                        |       |      |        |         |      |      |        |        |    |
|                                 |     |      |      |        |           |           |           |   |   |                                              |       |      |        |         |      |      |        |        |    |
| JAN                             | 28  | 41.5 | 4.5  | 41.0   | 51.9 53 M | 29.5 79   | I         | I | I | 64 53                                        | 54.1  | 4.4  | 53.0   | 10 62   | 26.0 | 7.4  | 27.0   | JAN    |    |
| FEB                             | 25  | 50.2 | 4.0  | 49.0   | 57.9 63   | 41.6 56   | I         | I | I | 72 77                                        | 62.3  | 5.1  | 62.0   | 20 60   | 37.1 | 7.6  | 40.0   | FEB    |    |
| MAR                             | 26  | 56.2 | 3.6  | 55.0   | 63.6 78   | 49.7 52 M | I         | I | I | 83 78                                        | 70.8  | 6.5  | 69.5   | 34 65   | 41.2 | 4.2  | 40.0   | MAR    |    |
| APR                             | 27  | 65.0 | 4.8  | 65.0   | 74.8 62 M | 55.7 75   | I         | I | I | 95 77                                        | 80.4  | 6.6  | 79.0   | 42 76   | 49.1 | 4.2  | 50.0   | APR    |    |
| MAY                             | 30  | 73.7 | 4.2  | 73.0   | 85.3 58   | 66.0 59   | I         | I | I | 99 66                                        | 90.0  | 5.0  | 91.0   | 45 64   | 54.7 | 6.0  | 54.0   | MAY    |    |
| JUN                             | 30  | 82.1 | 3.7  | 82.5   | 89.8 61   | 76.4 54 M | I         | I | I | 106 70                                       | 97.5  | 5.1  | 98.0   | 54 54   | 63.0 | 5.7  | 62.0   | JUN    |    |
| JUL                             | 30  | 93.0 | 2.7  | 92.0   | 99.0 60   | 87.2 55   | I         | I | I | 111 59                                       | 104.9 | 3.3  | 100.0  | 64 78   | 76.2 | 5.5  | 76.0   | JUL    |    |
| AUG                             | 30  | 91.9 | 4.3  | 91.0   | 100.5 71  | 83.7 75   | I         | I | I | 114 61                                       | 104.4 | 4.4  | 100.0  | 62 68   | 74.8 | 7.8  | 75.0   | AUG    |    |
| SEP                             | 30  | 82.0 | 4.7  | 81.5   | 92.4 67   | 73.8 70   | I         | I | I | 105 67                                       | 97.1  | 4.2  | 97.5   | 50 68   | 63.5 | 6.6  | 62.0   | SEP    |    |
| OCT                             | 30  | 67.8 | 4.2  | 67.0   | 76.2 79 M | 61.1 69   | I         | I | I | 95 63                                        | 83.2  | 5.0  | 83.5   | 35 71   | 51.7 | 5.2  | 52.0   | OCT    |    |
| NOV                             | 23  | 51.2 | 2.8  | 51.0   | 55.8 65   | 44.9 78   | I         | I | I | 71 80                                        | 64.3  | 3.7  | 64.0   | 16 55   | 38.3 | 4.9  | 40.0   | NOV    |    |
| DEC                             | 27  | 42.9 | 3.5  | 43.0   | 47.5 80   | 34.2 78   | I         | I | I | 63 80                                        | 56.0  | 4.1  | 56.0   | 11 78   | 28.5 | 8.0  | 32.0   | DEC    |    |

(con.)

Table 21 (Con.)

| MINIMUM DAILY TEMPERATURE       |     |      |      |        |           |             |  |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |      |        |         |      |      |        |        |  |
|---------------------------------|-----|------|------|--------|-----------|-------------|--|--|--|----------------------------------------------|------|------|--------|---------|------|------|--------|--------|--|
| STATION NUMBER 107706 RIGGINS   |     |      |      |        |           |             |  |  |  | 1951-1980                                    |      |      |        |         |      |      |        |        |  |
| 10-DAY AND MONTHLY PERIOD MEANS |     |      |      |        |           |             |  |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |      |        |         |      |      |        |        |  |
| PRD.                            | NO. |      | STD. |        | HIGHEST   | LOWEST      |  |  |  | HIGH                                         | AVG. | STD. | MEDIAN |         | AVG. | STD. | MEDIAN | PRD.   |  |
| BEGINS                          | YRS | MEAN | DEV. | MEDIAN | AVG, YR   | AVG, YR     |  |  |  | YR                                           | HIGH | DEV. | HIGH   | LOW, YR | LOW  | DEV. | LOW    | BEGINS |  |
| JAN 1                           | 29  | 26.0 | 6.8  | 26.0   | 36.3 54 M | 7.8 79 I    |  |  |  | 46 53                                        | 34.8 | 6.7  | 37.0   | -7 79   | 15.7 | 8.8  | 16.0   | JAN 1  |  |
| JAN 11                          | 29  | 29.6 | 5.7  | 30.0   | 40.8 53 M | 12.2 63 I   |  |  |  | 48 59                                        | 36.8 | 5.6  | 37.0   | -6 63   | 20.0 | 8.9  | 22.0   | JAN 11 |  |
| JAN 21                          | 28  | 27.1 | 7.1  | 28.0   | 39.1 53   | 7.6 57 I    |  |  |  | 48 53                                        | 36.3 | 6.1  | 36.0   | -10 57  | 15.8 | 10.6 | 20.0   | JAN 21 |  |
| FEB 1                           | 28  | 30.3 | 5.2  | 30.5   | 38.6 61   | 15.7 76 I   |  |  |  | 48 68                                        | 37.5 | 5.3  | 37.0   | 2 56    | 21.8 | 8.3  | 24.0   | FEB 1  |  |
| FEB 11                          | 29  | 31.6 | 4.0  | 31.0   | 37.9 70   | 22.8 56 I   |  |  |  | 50 70                                        | 39.1 | 4.4  | 39.0   | -3 56   | 22.7 | 7.5  | 24.0   | FEB 11 |  |
| FEB 21                          | 26  | 31.3 | 5.4  | 32.0   | 38.0 58   | 11.4 60 I   |  |  |  | 46 72                                        | 39.0 | 4.7  | 39.0   | 2 60    | 24.7 | 7.0  | 27.5   | FEB 21 |  |
| MAR 1                           | 26  | 31.6 | 3.6  | 31.0   | 38.1 72   | 21.7 76 I   |  |  |  | 48 72                                        | 39.3 | 5.0  | 39.5   | 15 76   | 24.3 | 4.3  | 24.5   | MAR 1  |  |
| MAR 11                          | 27  | 32.9 | 3.8  | 32.0   | 43.4 72   | 26.5 65 I   |  |  |  | 49 74                                        | 40.4 | 4.2  | 39.0   | 14 65   | 25.2 | 5.1  | 26.0   | MAR 11 |  |
| MAR 21                          | 28  | 35.8 | 4.0  | 36.0   | 44.5 78   | 26.2 75 I   |  |  |  | 53 78                                        | 43.7 | 4.2  | 44.0   | 16 75   | 28.3 | 5.1  | 28.5   | MAR 21 |  |
| APR 1                           | 28  | 37.4 | 2.6  | 37.0   | 43.2 60 M | 30.9 75 I   |  |  |  | 50 61                                        | 44.0 | 3.4  | 44.0   | 18 72   | 30.3 | 4.7  | 31.0   | APR 1  |  |
| APR 11                          | 28  | 37.7 | 2.5  | 38.0   | 41.7 52   | 33.4 68 I   |  |  |  | 53 54                                        | 45.6 | 4.3  | 46.5   | 23 68   | 30.5 | 3.0  | 30.0   | APR 11 |  |
| APR 21                          | 28  | 40.2 | 3.4  | 40.0   | 48.5 77   | 33.3 76 I   |  |  |  | 56 77                                        | 47.6 | 4.7  | 48.0   | 25 51   | 35.3 | 3.4  | 34.0   | APR 21 |  |
| MAY 1                           | 30  | 44.2 | 3.3  | 44.0   | 50.4 80   | 37.3 65 I   |  |  |  | 61 66                                        | 51.6 | 4.3  | 52.0   | 30 67   | 37.0 | 3.7  | 37.0   | MAY 1  |  |
| MAY 11                          | 30  | 45.7 | 3.3  | 45.0   | 52.4 54 M | 37.9 53 M I |  |  |  | 60 68                                        | 53.4 | 4.0  | 53.0   | 30 74   | 38.1 | 4.0  | 38.5   | MAY 11 |  |
| MAY 21                          | 30  | 47.5 | 3.6  | 47.0   | 56.8 58   | 41.5 53 M I |  |  |  | 65 58                                        | 55.6 | 3.5  | 55.0   | 32 64   | 40.0 | 4.6  | 40.0   | MAY 21 |  |
| JUN 1                           | 30  | 50.8 | 3.5  | 50.0   | 57.4 69   | 44.5 51 I   |  |  |  | 68 77                                        | 58.0 | 3.9  | 58.0   | 33 55   | 43.5 | 4.3  | 43.0   | JUN 1  |  |
| JUN 11                          | 30  | 52.9 | 3.3  | 52.0   | 59.7 63   | 47.4 53 M I |  |  |  | 68 67                                        | 59.8 | 3.3  | 59.0   | 40 78   | 46.4 | 4.1  | 46.5   | JUN 11 |  |
| JUN 21                          | 30  | 54.0 | 3.5  | 53.0   | 62.5 73   | 47.9 75 I   |  |  |  | 71 70                                        | 61.6 | 3.8  | 61.0   | 39 76   | 45.7 | 4.2  | 45.5   | JUN 21 |  |
| JUL 1                           | 30  | 56.9 | 3.0  | 57.0   | 62.9 75   | 48.3 55 I   |  |  |  | 72 70                                        | 64.7 | 4.0  | 65.0   | 42 71   | 48.4 | 3.3  | 49.5   | JUL 1  |  |
| JUL 11                          | 30  | 59.7 | 2.7  | 59.0   | 64.8 60   | 55.2 62 I   |  |  |  | 74 74                                        | 66.9 | 3.2  | 67.0   | 48 74   | 53.0 | 3.4  | 52.0   | JUL 11 |  |
| JUL 21                          | 30  | 60.6 | 2.3  | 60.5   | 64.8 60   | 55.5 63 I   |  |  |  | 75 62                                        | 67.3 | 3.6  | 67.0   | 46 59   | 53.7 | 3.7  | 54.0   | JUL 21 |  |
| AUG 1                           | 30  | 60.0 | 3.5  | 59.0   | 67.8 71   | 52.7 56 I   |  |  |  | 76 66                                        | 67.1 | 4.7  | 67.5   | 47 56   | 54.1 | 4.2  | 53.5   | AUG 1  |  |
| AUG 11                          | 30  | 59.0 | 3.5  | 59.0   | 65.2 61   | 51.0 78 I   |  |  |  | 73 61                                        | 65.2 | 4.2  | 65.0   | 43 68   | 53.3 | 4.6  | 53.5   | AUG 11 |  |
| AUG 21                          | 30  | 55.7 | 3.4  | 54.0   | 64.2 61   | 50.3 60 M I |  |  |  | 74 67                                        | 63.5 | 4.7  | 63.0   | 43 80   | 48.3 | 3.9  | 48.0   | AUG 21 |  |
| SEP 1                           | 30  | 53.7 | 3.2  | 52.0   | 62.8 67   | 48.8 56 I   |  |  |  | 70 55                                        | 61.3 | 3.8  | 60.0   | 40 56   | 46.0 | 4.0  | 45.5   | SEP 1  |  |
| SEP 11                          | 30  | 50.5 | 3.8  | 51.0   | 57.0 66   | 41.2 70 I   |  |  |  | 68 59                                        | 57.5 | 4.3  | 57.5   | 30 65   | 42.6 | 5.2  | 42.5   | SEP 11 |  |
| SEP 21                          | 30  | 48.0 | 4.5  | 47.5   | 55.9 63   | 41.7 58 M I |  |  |  | 65 52                                        | 55.3 | 4.6  | 56.0   | 34 61   | 40.6 | 4.6  | 40.0   | SEP 21 |  |
| OCT 1                           | 30  | 44.9 | 3.3  | 45.5   | 50.8 63   | 37.6 74 I   |  |  |  | 65 63                                        | 53.4 | 4.6  | 53.0   | 28 74   | 37.2 | 4.4  | 38.0   | OCT 1  |  |
| OCT 11                          | 30  | 42.2 | 3.7  | 42.0   | 49.8 63   | 31.3 69 I   |  |  |  | 61 63                                        | 50.7 | 5.0  | 50.0   | 24 69   | 34.8 | 4.1  | 34.0   | OCT 11 |  |
| OCT 21                          | 30  | 39.4 | 4.0  | 39.0   | 47.9 57   | 31.9 71 I   |  |  |  | 58 63                                        | 47.6 | 5.0  | 46.0   | 16 71   | 31.6 | 5.5  | 32.0   | OCT 21 |  |
| NOV 1                           | 27  | 36.8 | 4.3  | 35.0   | 45.3 58 M | 28.1 57 M I |  |  |  | 55 58                                        | 46.4 | 3.9  | 46.0   | 20 71   | 28.7 | 5.1  | 28.0   | NOV 1  |  |
| NOV 11                          | 25  | 34.2 | 6.0  | 35.0   | 41.9 65   | 15.6 55 I   |  |  |  | 52 63                                        | 43.3 | 4.5  | 44.0   | -2 55   | 24.9 | 8.0  | 26.0   | NOV 11 |  |
| NOV 21                          | 27  | 31.2 | 5.3  | 32.0   | 38.1 66   | 19.2 59 M I |  |  |  | 48 68                                        | 38.9 | 5.7  | 40.0   | 7 59    | 22.5 | 6.2  | 22.0   | NOV 21 |  |
| DEC 1                           | 27  | 30.2 | 5.1  | 31.0   | 36.1 62   | 12.8 72 I   |  |  |  | 46 65                                        | 38.9 | 4.0  | 40.0   | -5 72   | 21.6 | 8.0  | 24.0   | DEC 1  |  |
| DEC 11                          | 27  | 29.5 | 5.4  | 29.0   | 37.8 73   | 17.2 67 I   |  |  |  | 44 73                                        | 37.3 | 3.5  | 38.0   | -8 64   | 19.5 | 9.8  | 22.0   | DEC 11 |  |
| DEC 21                          | 27  | 29.6 | 4.9  | 30.0   | 38.7 80 M | 17.6 78 I   |  |  |  | 45 80                                        | 37.7 | 4.5  | 38.0   | -4 68   | 19.5 | 8.6  | 20.0   | DEC 21 |  |
| MONTH                           |     |      |      |        |           |             |  |  |  | MONTH                                        |      |      |        |         |      |      |        |        |  |
| JAN                             | 28  | 27.6 | 4.9  | 27.0   | 38.6 53 M | 14.4 79 I   |  |  |  | 48 59                                        | 39.6 | 4.8  | 39.5   | -10 57  | 9.0  | 9.6  | 9.5    | JAN    |  |
| FEB                             | 25  | 31.4 | 3.3  | 32.0   | 36.1 61   | 24.0 76 I   |  |  |  | 50 70                                        | 42.3 | 4.0  | 43.0   | -3 56   | 18.4 | 8.0  | 19.0   | FEB    |  |
| MAR                             | 26  | 33.5 | 3.2  | 33.0   | 38.7 72   | 26.4 76 M I |  |  |  | 53 78                                        | 44.8 | 4.0  | 45.5   | 14 65   | 22.5 | 4.4  | 23.0   | MAR    |  |
| APR                             | 28  | 38.5 | 2.1  | 38.0   | 41.9 77   | 33.5 76 I   |  |  |  | 56 77                                        | 48.9 | 4.0  | 49.5   | 18 72   | 27.9 | 3.7  | 28.0   | APR    |  |
| MAY                             | 30  | 45.9 | 2.2  | 46.0   | 50.0 58   | 40.4 53 M I |  |  |  | 65 58                                        | 56.9 | 3.3  | 57.0   | 30 74   | 34.9 | 2.9  | 35.0   | MAY    |  |
| JUN                             | 30  | 52.6 | 2.4  | 52.0   | 57.2 77   | 48.3 53 M I |  |  |  | 71 70                                        | 63.2 | 3.2  | 62.0   | 33 55   | 41.7 | 3.3  | 41.0   | JUN    |  |
| JUL                             | 30  | 59.1 | 1.6  | 58.0   | 63.0 60   | 55.8 55 I   |  |  |  | 75 62                                        | 69.6 | 2.6  | 70.0   | 42 71   | 47.9 | 2.9  | 48.0   | JUL    |  |
| AUG                             | 30  | 58.1 | 2.8  | 58.0   | 64.5 61   | 53.7 78 I   |  |  |  | 76 66                                        | 68.7 | 4.0  | 69.0   | 43 80   | 47.8 | 3.7  | 47.5   | AUG    |  |
| SEP                             | 30  | 50.8 | 2.9  | 50.0   | 56.8 63   | 45.9 70 I   |  |  |  | 70 55                                        | 61.9 | 3.8  | 61.0   | 30 65   | 38.8 | 4.1  | 39.5   | SEP    |  |
| OCT                             | 30  | 42.2 | 2.6  | 41.5   | 47.6 79 M | 37.3 75 I   |  |  |  | 65 63                                        | 54.6 | 4.2  | 54.5   | 16 71   | 30.1 | 4.8  | 31.5   | OCT    |  |
| NOV                             | 23  | 34.7 | 3.4  | 34.0   | 40.0 65   | 27.8 75 I   |  |  |  | 55 58                                        | 47.6 | 3.5  | 47.0   | -2 55   | 21.7 | 5.1  | 22.0   | NOV    |  |
| DEC                             | 27  | 29.8 | 3.5  | 29.0   | 35.9 58   | 20.6 78 I   |  |  |  | 46 65                                        | 41.3 | 2.9  | 41.0   | -8 64   | 13.5 | 9.3  | 16.0   | DEC    |  |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE                 |       |      |      |        |         |         |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |         |          |           |            |        |      |
|-------------------------------------------|-------|------|------|--------|---------|---------|---|--|--|----------------------------------------------|-----------|-----------|-------------|---------|----------|-----------|------------|--------|------|
| STATION NUMBER 108076 SALMON - SALMON 1 N |       |      |      |        |         |         |   |  |  | 1951-1980                                    |           |           |             |         |          |           |            |        |      |
| 10-DAY AND MONTHLY PERIOD MEANS           |       |      |      |        |         |         |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |         |          |           |            |        |      |
| PRD.                                      | NO.   | MEAN | STD. | MEDIAN | HIGHEST | LOWEST  |   |  |  | HIGH, YR                                     | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW, YR | AVG. LOW | STD. DEV. | MEDIAN LOW |        | PRD. |
| BEGINS                                    | YRS   |      | DEV. |        | AVG, YR | AVG, YR |   |  |  |                                              |           |           |             |         |          |           |            | BEGINS |      |
| JAN                                       | 1 30  | 27.3 | 9.4  | 27.5   | 42.8 66 | 3.5 74  | I |  |  | 56 53                                        | 39.7      | 9.6       | 41.0        | -11 79  | 14.3     | 10.8      | 15.0       | JAN    | 1    |
| JAN                                       | 11 30 | 32.8 | 7.4  | 35.0   | 47.6 53 | 13.1 63 | I |  |  | 62 53                                        | 43.9      | 6.8       | 45.0        | -4 63   | 20.6     | 9.7       | 22.0       | JAN    | 11   |
| JAN                                       | 21 30 | 30.3 | 7.9  | 31.0   | 45.8 53 | 11.5 79 | I |  |  | 59 53                                        | 43.4      | 7.7       | 43.0        | -7 62   | 17.6     | 11.2      | 20.5       | JAN    | 21   |
| FEB                                       | 1 30  | 35.5 | 6.2  | 34.0   | 47.4 63 | 17.3 56 | I |  |  | 63 61                                        | 46.2      | 6.5       | 45.5        | -3 56   | 25.6     | 10.6      | 28.5       | FEB    | 1    |
| FEB                                       | 11 30 | 39.5 | 5.3  | 39.5   | 50.0 77 | 28.8 55 | I |  |  | 58 70                                        | 49.6      | 5.0       | 49.5        | 10 56   | 30.5     | 7.4       | 30.5       | FEB    | 11   |
| FEB                                       | 21 30 | 41.8 | 7.2  | 42.5   | 53.5 54 | 24.2 60 | I |  |  | 60 80                                        | 50.8      | 6.5       | 52.0        | 12 60   | 34.0     | 8.6       | 35.5       | FEB    | 21   |
| MAR                                       | 1 30  | 43.1 | 5.7  | 43.0   | 55.3 68 | 32.7 60 | I |  |  | 69 72                                        | 53.1      | 7.4       | 52.5        | 14 60   | 33.3     | 7.8       | 32.5       | MAR    | 1    |
| MAR                                       | 11 30 | 47.5 | 5.0  | 47.0   | 58.2 72 | 38.9 52 | I |  |  | 67 72                                        | 57.3      | 5.6       | 57.0        | 25 60   | 37.6     | 6.6       | 38.0       | MAR    | 11   |
| MAR                                       | 21 30 | 53.4 | 5.5  | 53.0   | 66.8 78 | 42.1 75 | I |  |  | 76 78                                        | 65.0      | 5.6       | 66.0        | 28 65   | 42.2     | 6.8       | 43.0       | MAR    | 21   |
| APR                                       | 1 30  | 57.7 | 4.8  | 56.5   | 68.3 60 | 46.8 75 | I |  |  | 83 77                                        | 69.1      | 6.6       | 69.0        | 37 75   | 46.7     | 5.1       | 47.0       | APR    | 1    |
| APR                                       | 11 30 | 60.2 | 6.0  | 58.0   | 74.4 62 | 48.7 70 | I |  |  | 86 80                                        | 71.1      | 6.7       | 70.5        | 37 66   | 48.9     | 5.6       | 48.5       | APR    | 11   |
| APR                                       | 21 30 | 62.2 | 6.7  | 61.5   | 79.1 77 | 49.9 67 | I |  |  | 87 77                                        | 74.6      | 7.4       | 75.5        | 40 67   | 49.2     | 7.1       | 47.0       | APR    | 21   |
| MAY                                       | 1 30  | 67.2 | 5.7  | 67.0   | 79.3 66 | 54.4 64 | I |  |  | 88 66                                        | 78.2      | 5.6       | 78.0        | 39 64   | 54.7     | 6.3       | 55.0       | MAY    | 1    |
| MAY                                       | 11 30 | 70.1 | 5.9  | 68.5   | 83.8 54 | 55.4 74 | I |  |  | 95 54                                        | 81.8      | 6.2       | 83.5        | 44 55   | 56.2     | 6.7       | 55.0       | MAY    | 11   |
| MAY                                       | 21 30 | 71.7 | 5.3  | 70.5   | 82.5 58 | 63.8 53 | I |  |  | 92 56                                        | 83.4      | 5.0       | 85.0        | 48 53   | 59.0     | 5.9       | 58.0       | MAY    | 21   |
| JUN                                       | 1 30  | 75.4 | 6.7  | 76.0   | 84.4 77 | 63.6 51 | I |  |  | 96 77                                        | 85.8      | 6.4       | 87.0        | 53 64   | 63.7     | 7.4       | 63.0       | JUN    | 1    |
| JUN                                       | 11 30 | 77.8 | 5.9  | 77.0   | 96.3 74 | 66.7 64 | I |  |  | 103 74                                       | 87.8      | 5.7       | 87.5        | 56 64   | 65.7     | 6.6       | 66.0       | JUN    | 11   |
| JUN                                       | 21 30 | 80.3 | 5.9  | 80.0   | 91.1 61 | 66.5 69 | I |  |  | 99 74                                        | 91.3      | 5.3       | 92.0        | 52 55   | 67.4     | 8.9       | 67.0       | JUN    | 21   |
| JUL                                       | 1 30  | 85.4 | 5.3  | 85.5   | 93.4 75 | 70.9 55 | I |  |  | 105 73                                       | 93.9      | 4.7       | 94.5        | 59 55   | 74.6     | 7.2       | 75.0       | JUL    | 1    |
| JUL                                       | 11 30 | 89.3 | 3.9  | 89.0   | 97.3 60 | 82.1 63 | I |  |  | 105 60                                       | 97.2      | 3.7       | 97.0        | 65 72   | 78.9     | 6.1       | 79.0       | JUL    | 11   |
| JUL                                       | 21 30 | 90.7 | 2.7  | 90.0   | 94.9 80 | 85.2 70 | I |  |  | 103 59                                       | 97.4      | 3.1       | 97.5        | 70 75   | 81.6     | 5.9       | 83.0       | JUL    | 21   |
| AUG                                       | 1 30  | 88.7 | 3.6  | 88.5   | 94.7 73 | 81.1 56 | I |  |  | 103 61                                       | 96.6      | 3.2       | 97.0        | 70 74   | 78.9     | 5.4       | 80.5       | AUG    | 1    |
| AUG                                       | 11 30 | 87.0 | 5.6  | 87.0   | 96.1 67 | 72.1 68 | I |  |  | 101 73                                       | 94.7      | 4.0       | 96.0        | 59 68   | 76.4     | 9.8       | 78.0       | AUG    | 11   |
| AUG                                       | 21 30 | 82.1 | 5.5  | 81.5   | 92.1 69 | 72.8 65 | I |  |  | 102 69                                       | 92.0      | 4.6       | 92.5        | 55 64   | 70.3     | 7.7       | 70.0       | AUG    | 21   |
| SEP                                       | 1 30  | 80.8 | 4.8  | 80.5   | 90.8 55 | 69.1 65 | I |  |  | 97 55                                        | 90.1      | 3.9       | 90.0        | 59 73   | 70.1     | 6.2       | 69.5       | SEP    | 1    |
| SEP                                       | 11 30 | 73.9 | 5.6  | 74.0   | 84.3 53 | 59.5 65 | I |  |  | 93 59                                        | 85.5      | 4.1       | 86.0        | 42 65   | 59.6     | 7.5       | 60.0       | SEP    | 11   |
| SEP                                       | 21 30 | 71.5 | 7.1  | 72.0   | 83.9 52 | 59.5 61 | I |  |  | 90 67                                        | 81.2      | 5.7       | 82.0        | 45 68   | 60.4     | 8.9       | 60.5       | SEP    | 21   |
| OCT                                       | 1 30  | 68.2 | 5.4  | 69.0   | 78.1 52 | 57.7 59 | I |  |  | 86 57                                        | 78.0      | 5.3       | 80.0        | 43 66   | 56.3     | 7.4       | 55.5       | OCT    | 1    |
| OCT                                       | 11 30 | 62.7 | 5.0  | 62.5   | 71.6 58 | 49.7 69 | I |  |  | 79 58                                        | 72.2      | 5.0       | 72.0        | 42 69   | 52.6     | 5.6       | 53.0       | OCT    | 11   |
| OCT                                       | 21 30 | 55.2 | 4.9  | 55.0   | 65.2 52 | 45.1 70 | I |  |  | 78 77                                        | 65.7      | 5.2       | 65.0        | 30 71   | 45.9     | 6.2       | 45.5       | OCT    | 21   |
| NOV                                       | 1 30  | 49.3 | 4.0  | 48.0   | 58.8 54 | 42.6 73 | I |  |  | 68 54                                        | 58.0      | 4.7       | 56.5        | 28 78   | 40.6     | 6.4       | 41.5       | NOV    | 1    |
| NOV                                       | 11 30 | 43.4 | 5.8  | 42.5   | 57.1 54 | 29.1 55 | I |  |  | 68 53                                        | 53.5      | 6.0       | 54.0        | 9 55    | 32.8     | 8.4       | 34.0       | NOV    | 11   |
| NOV                                       | 21 30 | 38.8 | 5.0  | 39.0   | 46.4 54 | 28.6 52 | I |  |  | 61 74                                        | 50.1      | 6.8       | 49.0        | 14 77   | 28.5     | 6.9       | 30.0       | NOV    | 21   |
| DEC                                       | 1 30  | 35.7 | 5.4  | 36.0   | 44.1 79 | 17.9 72 | I |  |  | 57 79                                        | 47.3      | 5.5       | 47.0        | 2 72    | 24.8     | 9.1       | 27.0       | DEC    | 1    |
| DEC                                       | 11 30 | 32.5 | 5.5  | 33.0   | 41.9 79 | 21.6 67 | I |  |  | 53 57                                        | 43.0      | 5.2       | 43.0        | -2 64   | 21.9     | 9.2       | 24.0       | DEC    | 11   |
| DEC                                       | 21 30 | 31.5 | 4.3  | 31.5   | 41.9 80 | 23.1 78 | I |  |  | 55 55                                        | 43.6      | 4.8       | 43.0        | -6 78   | 19.3     | 7.9       | 20.5       | DEC    | 21   |
| MONTH                                     |       |      |      |        |         |         |   |  |  | MONTH                                        |           |           |             |         |          |           |            |        |      |
|                                           |       |      |      |        |         |         |   |  |  |                                              |           |           |             |         |          |           |            |        |      |
| JAN                                       | 30    | 30.1 | 5.7  | 29.5   | 42.9 53 | 13.9 79 | I |  |  | 62 53                                        | 47.9      | 5.7       | 47.5        | -11 79  | 8.7      | 9.7       | 8.0        | JAN    |      |
| FEB                                       | 30    | 38.8 | 4.5  | 38.5   | 46.9 63 | 29.3 56 | I |  |  | 63 61                                        | 53.4      | 5.0       | 54.5        | -3 56   | 23.0     | 10.3      | 26.0       | FEB    |      |
| MAR                                       | 30    | 48.2 | 4.2  | 48.0   | 56.5 68 | 39.4 52 | I |  |  | 76 78                                        | 65.4      | 5.1       | 66.0        | 14 60   | 31.4     | 6.4       | 31.0       | MAR    |      |
| APR                                       | 30    | 60.0 | 4.2  | 59.0   | 68.1 77 | 52.8 75 | I |  |  | 87 77                                        | 76.6      | 6.0       | 77.0        | 37 75   | 43.6     | 3.5       | 43.0       | APR    |      |
| MAY                                       | 30    | 69.7 | 3.7  | 69.0   | 78.7 58 | 64.4 53 | I |  |  | 95 54                                        | 85.9      | 3.9       | 86.0        | 39 64   | 51.3     | 4.7       | 51.0       | MAY    |      |
| JUN                                       | 30    | 77.8 | 4.0  | 77.0   | 87.4 74 | 70.8 64 | I |  |  | 103 74                                       | 93.6      | 3.7       | 93.5        | 52 55   | 59.0     | 4.5       | 59.0       | JUN    |      |
| JUL                                       | 30    | 88.5 | 2.6  | 88.0   | 92.9 60 | 83.9 62 | I |  |  | 105 73                                       | 99.4      | 2.9       | 99.0        | 59 55   | 72.0     | 6.2       | 72.5       | JUL    |      |
| AUG                                       | 30    | 85.8 | 3.7  | 85.0   | 91.9 69 | 80.1 68 | I |  |  | 103 61                                       | 97.7      | 2.7       | 97.0        | 55 64   | 68.3     | 7.5       | 67.5       | AUG    |      |
| SEP                                       | 30    | 75.4 | 4.6  | 76.0   | 84.6 73 | 63.8 65 | I |  |  | 97 55                                        | 90.4      | 3.7       | 90.0        | 42 65   | 56.0     | 6.9       | 56.0       | SEP    |      |
| OCT                                       | 30    | 61.8 | 3.6  | 61.5   | 70.5 52 | 53.8 69 | I |  |  | 86 57                                        | 78.6      | 4.3       | 80.0        | 30 71   | 44.9     | 4.9       | 45.5       | OCT    |      |
| NOV                                       | 30    | 43.8 | 3.4  | 43.0   | 54.1 54 | 37.4 55 | I |  |  | 68 54                                        | 59.2      | 4.4       | 59.5        | 9 55    | 26.1     | 6.8       | 27.0       | NOV    |      |
| DEC                                       | 30    | 33.2 | 3.6  | 33.0   | 39.8 73 | 24.7 78 | I |  |  | 57 79                                        | 49.6      | 4.1       | 50.0        | -6 78   | 15.4     | 8.8       | 19.0       | DEC    |      |

(con.)

Table 21 (Con.)

| MINIMUM DAILY TEMPERATURE                 |     |      |      |        |         |        |      |       |    | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |      |        |        |      |      |        |        |      |     |
|-------------------------------------------|-----|------|------|--------|---------|--------|------|-------|----|----------------------------------------------|------|------|--------|--------|------|------|--------|--------|------|-----|
| STATION NUMBER 108076 SALMON - SALMON 1 N |     |      |      |        |         |        |      |       |    | 1951-1980                                    |      |      |        |        |      |      |        |        |      |     |
| 10-DAY AND MONTHLY PERIOD MEANS           |     |      |      |        |         |        |      |       |    | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |      |        |        |      |      |        |        |      |     |
| PRD.                                      | NO. | MEAN | STD. | MEDIAN | HIGHEST | LOWEST |      |       |    | HIGH.YR                                      | AVG. | STD. | MEDIAN | LOW.YR | AVG. | STD. | MEDIAN | PRD.   |      |     |
| BEGINS                                    | YRS |      | DEV. |        | AVG.YR  | AVG.YR |      |       |    |                                              | HIGH | DEV. | HIGH   |        | LOW  | DEV. | LOW    | BEGINS |      |     |
| JAN                                       | 1   | 30   | 6.3  | 10.6   | 5.0     | 24.9   | 66   | -18.1 | 74 | I                                            | 39   | 66   | 22.4   | 10.5   | 23.0 | -34  | 79     | JAN    | 1    |     |
| JAN                                       | 11  | 30   | 12.6 | 10.1   | 14.5    | 31.2   | 53   | -11.4 | 60 | I                                            | 38   | 53   | 25.2   | 8.9    | 27.5 | -27  | 60     | JAN    | 11   |     |
| JAN                                       | 21  | 30   | 9.2  | 11.0   | 8.0     | 27.7   | 53   | -13.2 | 57 | I                                            | 35   | 72   | 23.8   | 8.7    | 22.0 | -32  | 62     | JAN    | 21   |     |
| FEB                                       | 1   | 30   | 13.4 | 9.0    | 13.5    | 26.4   | 53   | -12.2 | 56 | I                                            | 34   | 71   | 25.8   | 7.1    | 27.0 | -35  | 56     | FEB    | 1    |     |
| FEB                                       | 11  | 30   | 18.3 | 6.8    | 18.5    | 27.3   | 70   | 2.4   | 52 | I                                            | 38   | 70   | 29.0   | 5.5    | 30.0 | -20  | 56     | FEB    | 11   |     |
| FEB                                       | 21  | 30   | 18.5 | 8.8    | 21.0    | 27.9   | 80   | -5.6  | 60 | I                                            | 36   | 72   | 28.1   | 5.9    | 30.0 | -25  | 60     | FEB    | 21   |     |
| MAR                                       | 1   | 30   | 20.0 | 6.1    | 21.0    | 29.1   | 80   | 1.6   | 52 | I                                            | 38   | 74   | 30.3   | 4.4    | 31.0 | -20  | 60     | MAR    | 1    |     |
| MAR                                       | 11  | 30   | 22.0 | 4.7    | 22.0    | 33.9   | 72   | 12.9  | 56 | I                                            | 39   | 74   | 30.9   | 4.1    | 30.5 | -5   | 60     | MAR    | 11   |     |
| MAR                                       | 21  | 30   | 25.4 | 3.3    | 25.0    | 33.1   | 78   | 19.4  | 55 | I                                            | 44   | 66   | 34.5   | 4.0    | 33.0 | 5    | 75     | MAR    | 21   |     |
| APR                                       | 1   | 30   | 28.4 | 3.0    | 28.0    | 35.4   | 78   | 22.3  | 52 | I                                            | 45   | 77   | 37.7   | 4.2    | 37.5 | 12   | 59     | APR    | 1    |     |
| APR                                       | 11  | 30   | 29.5 | 2.4    | 29.5    | 33.7   | 69   | 24.4  | 70 | I                                            | 45   | 68   | 38.5   | 4.0    | 39.0 | 14   | 66     | APR    | 11   |     |
| APR                                       | 21  | 30   | 32.9 | 3.0    | 32.0    | 39.4   | 80   | 28.3  | 58 | I                                            | 49   | 80   | 41.7   | 4.2    | 42.0 | 18   | 68     | APR    | 21   |     |
| MAY                                       | 1   | 30   | 36.1 | 3.5    | 36.0    | 44.4   | 80   | 28.9  | 65 | I                                            | 51   | 67   | 44.1   | 3.8    | 44.5 | 19   | 72     | MAY    | 1    |     |
| MAY                                       | 11  | 30   | 37.8 | 2.3    | 37.5    | 43.2   | 57   | 33.6  | 60 | I                                            | 54   | 58   | 46.5   | 4.1    | 47.0 | 24   | 73     | MAY    | 11   |     |
| MAY                                       | 21  | 30   | 40.2 | 2.6    | 40.0    | 47.1   | 56   | 34.3  | 54 | I                                            | 56   | 80   | 49.3   | 3.0    | 48.5 | 25   | 75     | MAY    | 21   |     |
| JUN                                       | 1   | 30   | 43.4 | 3.7    | 43.0    | 52.3   | 77   | 36.1  | 54 | I                                            | 59   | 77   | 50.2   | 3.7    | 49.5 | 25   | 54     | JUN    | 1    |     |
| JUN                                       | 11  | 30   | 45.0 | 2.6    | 44.0    | 51.2   | 74   | 39.5  | 54 | I                                            | 57   | 74   | 51.3   | 2.6    | 51.0 | 29   | 54     | JUN    | 11   |     |
| JUN                                       | 21  | 30   | 45.9 | 3.5    | 45.5    | 53.6   | 70   | 38.2  | 53 | I                                            | 62   | 66   | 53.8   | 3.6    | 54.0 | 30   | 52     | JUN    | 21   |     |
| JUL                                       | 1   | 30   | 47.2 | 3.4    | 46.5    | 55.0   | 75   | 40.2  | 59 | I                                            | 62   | 68   | 54.8   | 3.9    | 55.0 | 26   | 55     | JUL    | 1    |     |
| JUL                                       | 11  | 30   | 49.9 | 2.8    | 50.0    | 55.4   | 75   | 45.7  | 52 | I                                            | 64   | 51   | 57.5   | 3.5    | 58.0 | 38   | 51     | JUL    | 11   |     |
| JUL                                       | 21  | 30   | 50.0 | 2.5    | 50.0    | 54.1   | 75   | 43.8  | 54 | I                                            | 67   | 78   | 57.8   | 3.7    | 57.5 | 32   | 59     | JUL    | 21   |     |
| AUG                                       | 1   | 30   | 49.0 | 3.1    | 47.0    | 54.5   | 68   | 42.6  | 56 | I                                            | 65   | 70   | 57.2   | 3.9    | 57.0 | 35   | 56     | AUG    | 1    |     |
| AUG                                       | 11  | 30   | 47.6 | 2.6    | 47.0    | 54.5   | 72   | 43.1  | 59 | I                                            | 62   | 69   | 55.3   | 3.5    | 55.0 | 32   | 59     | AUG    | 11   |     |
| AUG                                       | 21  | 30   | 44.6 | 2.9    | 43.5    | 50.1   | 69   | 37.5  | 60 | I                                            | 70   | 69   | 52.9   | 4.4    | 53.0 | 28   | 60     | AUG    | 21   |     |
| SEP                                       | 1   | 30   | 41.6 | 3.5    | 41.0    | 49.9   | 78   | 35.8  | 56 | I                                            | 60   | 78   | 50.7   | 4.5    | 50.0 | 27   | 59     | SEP    | 1    |     |
| SEP                                       | 11  | 30   | 39.0 | 3.7    | 38.5    | 47.0   | 80   | 31.9  | 65 | I                                            | 58   | 66   | 47.5   | 4.2    | 48.0 | 18   | 65     | SEP    | 11   |     |
| SEP                                       | 21  | 30   | 35.9 | 3.6    | 35.0    | 41.8   | 67   | 29.5  | 61 | I                                            | 53   | 76   | 45.1   | 4.7    | 45.0 | 21   | 61     | SEP    | 21   |     |
| OCT                                       | 1   | 30   | 32.2 | 3.6    | 31.0    | 44.0   | 63   | 25.8  | 59 | I                                            | 53   | 75   | 41.9   | 4.8    | 41.0 | 19   | 74     | OCT    | 1    |     |
| OCT                                       | 11  | 30   | 29.9 | 4.2    | 30.0    | 36.7   | 79   | 20.0  | 69 | I                                            | 51   | 62   | 40.5   | 5.7    | 40.0 | 13   | 69     | OCT    | 11   |     |
| OCT                                       | 21  | 30   | 26.6 | 3.1    | 26.0    | 32.7   | 71   | 18.6  | 58 | I                                            | 45   | 75   | 37.5   | 4.2    | 38.0 | 3    | 71     | OCT    | 21   |     |
| NOV                                       | 1   | 30   | 23.5 | 5.4    | 23.5    | 33.7   | 76   | 11.3  | 52 | I                                            | 43   | 76   | 33.1   | 6.0    | 34.0 | 3    | 55     | NOV    | 1    |     |
| NOV                                       | 11  | 30   | 22.1 | 6.1    | 22.5    | 32.8   | 54   | 10.5  | 55 | I                                            | 42   | 54   | 32.5   | 4.4    | 33.5 | -9   | 55     | NOV    | 11   |     |
| NOV                                       | 21  | 30   | 18.3 | 6.2    | 19.0    | 27.2   | 55   | -1.8  | 52 | I                                            | 35   | 74   | 28.6   | 5.5    | 30.5 | -12  | 52     | NOV    | 21   |     |
| DEC                                       | 1   | 30   | 15.8 | 6.9    | 16.5    | 25.8   | 62   | -3.9  | 72 | I                                            | 36   | 80   | 28.2   | 4.3    | 28.0 | -22  | 72     | DEC    | 1    |     |
| DEC                                       | 11  | 30   | 14.0 | 7.7    | 15.5    | 26.9   | 62   | 1.4   | 78 | I                                            | 34   | 62   | 26.0   | 5.4    | 28.0 | -23  | 64     | DEC    | 11   |     |
| DEC                                       | 21  | 30   | 12.6 | 7.2    | 11.0    | 29.5   | 80   | 2.5   | 78 | I                                            | 40   | 55   | 26.1   | 6.8    | 25.0 | -27  | 78     | DEC    | 21   |     |
| MONTH                                     |     |      |      |        |         |        |      |       |    | MONTH                                        |      |      |        |        |      |      |        |        |      |     |
| JAN                                       | 30  | 9.4  | 8.1  | 9.0    | 25.7    | 53     | -8.3 | 79    | I  | 39                                           | 66   | 29.5 | 6.1    | 31.5   | -34  | 79   | -15.3  | 11.4   | -1.0 | JAN |
| FEB                                       | 30  | 16.6 | 6.1  | 17.5   | 24.5    | 63     | 3.7  | 56    | I  | 38                                           | 70   | 32.1 | 3.2    | 32.0   | -35  | 56   | -3.7   | 12.4   | -0.5 | FEB |
| MAR                                       | 30  | 22.6 | 3.7  | 23.0   | 27.7    | 68     | 12.5 | 52    | I  | 44                                           | 66   | 35.3 | 3.7    | 35.0   | -20  | 60   | 6.5    | 8.7    | 8.0  | MAR |
| APR                                       | 30  | 30.3 | 1.9  | 30.0   | 35.2    | 78     | 27.3 | 70    | I  | 49                                           | 80   | 43.0 | 3.0    | 43.0   | 12   | 59   | 18.1   | 3.3    | 18.0 | APR |
| MAY                                       | 30  | 38.1 | 2.0  | 38.0   | 41.9    | 57     | 34.5 | 53    | I  | 56                                           | 80   | 50.1 | 2.9    | 50.0   | 19   | 72   | 26.0   | 3.5    | 26.0 | MAY |
| JUN                                       | 30  | 44.7 | 2.3  | 44.0   | 49.9    | 77     | 40.0 | 54    | I  | 62                                           | 66   | 54.5 | 3.5    | 54.0   | 25   | 54   | 33.4   | 3.7    | 34.0 | JUN |
| JUL                                       | 30  | 49.1 | 2.2  | 48.5   | 54.8    | 75     | 44.2 | 59    | I  | 67                                           | 78   | 60.1 | 2.6    | 60.0   | 26   | 55   | 38.8   | 4.2    | 39.0 | JUL |
| AUG                                       | 30  | 47.0 | 2.3  | 47.0   | 51.2    | 72     | 42.1 | 59    | I  | 70                                           | 69   | 58.8 | 3.6    | 58.5   | 28   | 60   | 36.9   | 3.7    | 37.0 | AUG |
| SEP                                       | 30  | 38.8 | 2.5  | 37.0   | 44.5    | 63     | 34.7 | 56    | I  | 60                                           | 78   | 52.1 | 3.9    | 51.0   | 18   | 65   | 27.1   | 4.1    | 27.0 | SEP |
| OCT                                       | 30  | 29.5 | 2.6  | 28.5   | 36.0    | 63     | 24.7 | 52    | I  | 53                                           | 75   | 44.0 | 4.5    | 43.5   | 3    | 71   | 16.7   | 4.4    | 17.5 | OCT |
| NOV                                       | 30  | 21.3 | 3.8  | 21.5   | 26.8    | 73     | 11.2 | 52    | I  | 43                                           | 76   | 36.1 | 3.6    | 36.0   | -12  | 52   | 3.4    | 6.9    | 4.5  | NOV |
| DEC                                       | 30  | 14.1 | 5.1  | 13.0   | 22.5    | 80     | 3.8  | 78    | I  | 40                                           | 55   | 31.3 | 3.5    | 31.0   | -27  | 78   | -6.8   | 9.3    | -1.0 | DEC |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE       |     |      |      |        |         |         |         |        |        | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |       |        |        |      |      |        |        |  |
|---------------------------------|-----|------|------|--------|---------|---------|---------|--------|--------|----------------------------------------------|------|-------|--------|--------|------|------|--------|--------|--|
| STATION NUMBER 108395 SHOUP     |     |      |      |        |         |         |         |        |        | 1966-1981                                    |      |       |        |        |      |      |        |        |  |
| 10-DAY AND MONTHLY PERIOD MEANS |     |      |      |        |         |         |         |        |        | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |       |        |        |      |      |        |        |  |
| PRD.                            | NO. |      | STD. |        | HIGHEST | LOWEST  |         |        |        | HIGH,YR                                      | AVG. | STD.  | MEDIAN |        | AVG. | STD. | MEDIAN | PRD.   |  |
| BEGINS                          | YRS | MEAN | DEV. | MEDIAN | AVG,YR  | AVG,YR  |         |        |        |                                              | HIGH | DEV.  | HIGH   | LOW,YR | LOW  | DEV. | LOW    | BEGINS |  |
| JAN                             | 1   | 16   | 26.0 | 8.9    | 28.0    | 38.4 66 | 8.2 79  | I      | 46 66  | 35.6                                         | 7.8  | 37.5  | -5 79  | 15.3   | 10.3 | 15.5 | JAN    | 1      |  |
| JAN                             | 11  | 16   | 34.0 | 3.1    | 33.5    | 39.7 67 | 25.9 79 | I      | 47 75  | 41.8                                         | 3.2  | 41.0  | 11 74  | 23.8   | 6.5  | 24.5 | JAN    | 11     |  |
| JAN                             | 21  | 16   | 32.0 | 6.3    | 32.5    | 40.5 71 | 18.3 79 | I      | 54 71  | 41.3                                         | 6.2  | 41.0  | 6 80   | 22.1   | 8.9  | 24.5 | JAN    | 21     |  |
| FEB                             | 1   | 16   | 36.1 | 4.4    | 36.0    | 41.5 67 | 28.5 72 | I      | 50 67  | 44.8                                         | 2.8  | 44.5  | 10 79  | 27.6   | 8.7  | 31.0 | FEB    | 1      |  |
| FEB                             | 11  | 16   | 40.5 | 3.8    | 38.0    | 48.8 77 | 36.8 75 | I      | 56 70  | 48.6                                         | 4.9  | 47.0  | 25 72  | 33.3   | 5.6  | 31.5 | FEB    | 11     |  |
| FEB                             | 21  | 16   | 44.3 | 3.7    | 44.0    | 49.3 70 | 39.1 75 | I      | 58 80  | 50.8                                         | 3.8  | 50.0  | 31 75  | 38.2   | 4.2  | 38.0 | FEB    | 21     |  |
| MAR                             | 1   | 16   | 46.0 | 5.4    | 44.0    | 56.1 81 | 38.8 76 | I      | 64 80  | 54.9                                         | 5.5  | 54.5  | 29 76  | 38.5   | 6.6  | 37.0 | MAR    | 1      |  |
| MAR                             | 11  | 16   | 50.3 | 3.2    | 50.0    | 55.8 81 | 45.5 77 | I      | 69 78  | 59.5                                         | 4.4  | 57.5  | 37 69  | 42.0   | 3.0  | 42.5 | MAR    | 11     |  |
| MAR                             | 21  | 16   | 54.2 | 6.1    | 52.5    | 66.7 78 | 43.1 75 | I      | 77 66  | 64.4                                         | 6.2  | 64.0  | 31 75  | 43.7   | 6.6  | 45.0 | MAR    | 21     |  |
| APR                             | 1   | 16   | 58.1 | 5.4    | 58.0    | 68.0 66 | 48.1 75 | I      | 83 77  | 67.9                                         | 7.8  | 69.5  | 38 75  | 48.1   | 5.7  | 47.5 | APR    | 1      |  |
| APR                             | 11  | 16   | 59.3 | 5.3    | 58.0    | 71.7 80 | 50.7 70 | I      | 84 80  | 69.8                                         | 6.2  | 70.0  | 42 79  | 48.7   | 5.0  | 48.0 | APR    | 11     |  |
| APR                             | 21  | 16   | 63.4 | 7.0    | 63.0    | 78.9 77 | 52.8 70 | I      | 86 77  | 73.8                                         | 8.8  | 74.5  | 42 67  | 51.8   | 6.8  | 50.5 | APR    | 21     |  |
| MAY                             | 1   | 16   | 68.4 | 5.8    | 66.0    | 82.5 66 | 59.1 75 | I      | 92 66  | 78.2                                         | 5.5  | 78.5  | 45 75  | 56.8   | 7.1  | 55.5 | MAY    | 1      |  |
| MAY                             | 11  | 16   | 70.1 | 6.2    | 70.0    | 81.4 73 | 56.2 74 | I      | 88 73  | 81.1                                         | 6.1  | 82.5  | 48 77  | 57.7   | 7.0  | 57.5 | MAY    | 11     |  |
| MAY                             | 21  | 16   | 73.0 | 4.8    | 72.0    | 81.3 66 | 65.6 80 | I      | 93 66  | 84.9                                         | 4.2  | 85.0  | 52 80  | 60.6   | 4.9  | 60.0 | MAY    | 21     |  |
| JUN                             | 1   | 16   | 76.9 | 4.9    | 76.0    | 85.5 77 | 70.6 67 | I      | 97 77  | 86.0                                         | 5.9  | 86.0  | 57 71  | 64.7   | 5.4  | 63.0 | JUN    | 1      |  |
| JUN                             | 11  | 16   | 77.8 | 6.0    | 78.0    | 94.3 74 | 67.6 81 | I      | 99 74  | 87.6                                         | 5.5  | 87.0  | 55 75  | 65.1   | 6.8  | 64.5 | JUN    | 11     |  |
| JUN                             | 21  | 16   | 82.1 | 5.7    | 81.5    | 90.0 74 | 67.7 69 | I      | 98 70  | 92.1                                         | 4.2  | 92.5  | 59 69  | 69.5   | 7.4  | 67.5 | JUN    | 21     |  |
| JUL                             | 1   | 15   | 86.2 | 5.1    | 88.0    | 92.9 68 | 76.5 78 | I      | 99 73  | 93.4                                         | 4.2  | 94.0  | 65 78  | 75.7   | 6.8  | 78.0 | JUL    | 1      |  |
| JUL                             | 11  | 15   | 89.4 | 3.1    | 89.0    | 95.5 66 | 84.4 72 | I      | 101 67 | 96.1                                         | 3.0  | 96.0  | 65 72  | 80.4   | 6.7  | 81.0 | JUL    | 11     |  |
| JUL                             | 21  | 15   | 91.0 | 2.7    | 91.0    | 94.5 66 | 85.5 70 | I      | 101 66 | 96.9                                         | 2.6  | 97.0  | 70 73  | 83.3   | 7.1  | 86.0 | JUL    | 21     |  |
| AUG                             | 1   | 16   | 90.0 | 4.2    | 91.0    | 95.6 79 | 80.6 76 | I      | 100 70 | 96.3                                         | 2.8  | 97.0  | 70 74  | 82.2   | 6.2  | 83.0 | AUG    | 1      |  |
| AUG                             | 11  | 16   | 86.5 | 7.2    | 87.5    | 96.2 67 | 72.5 68 | I      | 100 81 | 94.3                                         | 4.0  | 95.0  | 58 74  | 75.6   | 11.9 | 79.0 | AUG    | 11     |  |
| AUG                             | 21  | 16   | 84.3 | 5.7    | 83.0    | 92.7 69 | 75.5 77 | I      | 100 69 | 91.9                                         | 4.6  | 91.5  | 63 75  | 74.3   | 6.4  | 74.5 | AUG    | 21     |  |
| SEP                             | 1   | 16   | 82.0 | 4.7    | 81.0    | 88.6 67 | 73.1 70 | I      | 98 67  | 90.3                                         | 3.8  | 90.0  | 58 73  | 71.4   | 7.1  | 72.5 | SEP    | 1      |  |
| SEP                             | 11  | 16   | 74.2 | 6.3    | 73.0    | 90.4 81 | 62.9 78 | I      | 94 81  | 84.1                                         | 4.4  | 84.0  | 49 78  | 62.2   | 8.5  | 62.0 | SEP    | 11     |  |
| SEP                             | 21  | 16   | 70.9 | 7.3    | 70.0    | 83.0 67 | 60.7 72 | I      | 88 79  | 78.4                                         | 6.5  | 77.5  | 48 68  | 61.3   | 9.7  | 62.5 | SEP    | 21     |  |
| OCT                             | 1   | 16   | 65.6 | 5.3    | 65.0    | 76.7 79 | 58.4 69 | I      | 81 79  | 73.4                                         | 3.9  | 73.5  | 48 70  | 56.8   | 7.3  | 54.0 | OCT    | 1      |  |
| OCT                             | 11  | 16   | 60.2 | 4.6    | 59.5    | 68.1 78 | 50.4 69 | I      | 76 71  | 68.4                                         | 4.6  | 69.0  | 43 69  | 52.1   | 6.0  | 50.5 | OCT    | 11     |  |
| OCT                             | 21  | 16   | 52.9 | 3.8    | 52.5    | 58.1 77 | 45.5 70 | M I    | 70 78  | 62.3                                         | 3.7  | 62.0  | 31 71  | 44.3   | 5.6  | 44.5 | OCT    | 21     |  |
| NOV                             | 1   | 16   | 47.0 | 2.9    | 46.5    | 53.1 81 | 41.3 73 | I      | 64 78  | 54.2                                         | 4.0  | 54.0  | 33 78  | 40.0   | 4.4  | 41.0 | NOV    | 1      |  |
| NOV                             | 11  | 16   | 42.2 | 3.8    | 43.0    | 47.8 66 | 35.8 78 | I      | 58 74  | 50.0                                         | 4.9  | 49.0  | 20 77  | 34.8   | 5.6  | 34.5 | NOV    | 11     |  |
| NOV                             | 21  | 16   | 36.0 | 3.2    | 35.5    | 41.4 66 | 30.4 79 | I      | 54 74  | 45.3                                         | 4.5  | 46.0  | 14 75  | 27.9   | 5.7  | 29.5 | NOV    | 21     |  |
| DEC                             | 1   | 16   | 33.4 | 5.3    | 34.0    | 41.1 79 | 18.7 72 | I      | 50 79  | 42.1                                         | 4.6  | 41.5  | 3 72   | 24.9   | 9.5  | 28.5 | DEC    | 1      |  |
| DEC                             | 11  | 16   | 31.6 | 5.0    | 33.0    | 38.9 79 | 22.1 67 | I      | 46 79  | 38.5                                         | 3.6  | 39.0  | 8 72   | 23.6   | 7.5  | 24.0 | DEC    | 11     |  |
| DEC                             | 21  | 16   | 30.7 | 4.1    | 29.0    | 37.9 80 | 23.5 78 | I      | 46 78  | 39.3                                         | 2.6  | 39.0  | -6 78  | 20.7   | 9.4  | 21.5 | DEC    | 21     |  |
| MONTH                           |     |      |      |        |         |         |         |        |        | MONTH                                        |      |       |        |        |      |      |        |        |  |
| JAN                             | 16  | 30.7 | 4.7  | 30.5   | 37.5 67 | 17.5 79 | I       | 54 71  | 44.1   | 4.3                                          | 45.5 | -5 79 | 13.1   | 9.5    | 10.0 | JAN  |        |        |  |
| FEB                             | 16  | 40.1 | 2.9  | 40.0   | 45.4 70 | 35.4 72 | I       | 58 80  | 52.3   | 3.7                                          | 52.5 | 10 79 | 26.5   | 8.1    | 29.5 | FEB  |        |        |  |
| MAR                             | 16  | 50.3 | 3.4  | 49.0   | 56.4 68 | 45.7 76 | I       | 77 66  | 65.6   | 5.2                                          | 65.0 | 29 76 | 36.4   | 5.1    | 35.5 | MAR  |        |        |  |
| APR                             | 16  | 60.3 | 4.1  | 59.5   | 68.4 77 | 53.1 75 | I       | 86 77  | 76.0   | 6.4                                          | 75.5 | 38 75 | 44.6   | 3.4    | 44.0 | APR  |        |        |  |
| MAY                             | 16  | 70.6 | 3.9  | 70.0   | 77.5 66 | 65.4 78 | I       | 93 66  | 85.9   | 3.6                                          | 86.0 | 45 75 | 53.3   | 5.4    | 52.0 | MAY  |        |        |  |
| JUN                             | 16  | 78.9 | 3.2  | 77.5   | 86.2 74 | 74.7 75 | I       | 99 74  | 93.4   | 3.8                                          | 94.0 | 55 75 | 61.1   | 3.5    | 60.5 | JUN  |        |        |  |
| JUL                             | 15  | 88.9 | 2.4  | 88.0   | 92.7 66 | 85.0 72 | I       | 101 67 | 98.4   | 1.8                                          | 99.0 | 65 78 | 73.5   | 6.4    | 75.0 | JUL  |        |        |  |
| AUG                             | 16  | 86.8 | 4.6  | 87.0   | 93.4 67 | 79.9 76 | I       | 100 81 | 96.7   | 3.0                                          | 97.0 | 58 74 | 70.7   | 8.9    | 71.0 | AUG  |        |        |  |
| SEP                             | 16  | 75.7 | 4.6  | 74.5   | 84.0 79 | 68.6 70 | I       | 98 67  | 90.3   | 3.8                                          | 90.0 | 48 68 | 57.1   | 6.9    | 56.5 | SEP  |        |        |  |
| OCT                             | 16  | 59.3 | 2.9  | 59.0   | 65.1 78 | 54.4 69 | I       | 81 79  | 73.5   | 3.7                                          | 73.5 | 31 71 | 43.4   | 4.9    | 43.5 | OCT  |        |        |  |
| NOV                             | 16  | 41.8 | 1.8  | 41.0   | 45.2 66 | 39.3 77 | I       | 64 78  | 55.2   | 3.9                                          | 55.0 | 14 75 | 27.4   | 5.3    | 29.0 | NOV  |        |        |  |
| DEC                             | 16  | 31.9 | 3.3  | 32.0   | 38.3 79 | 26.3 78 | I       | 50 79  | 43.5   | 3.4                                          | 43.5 | -6 78 | 17.3   | 9.4    | 19.5 | DEC  |        |        |  |

(con.)

Table 21 (Con.)

| MINIMUM DAILY TEMPERATURE                                      |       |      |      |        |           |         |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES         |      |      |        |         |      |      |        |  |        |
|----------------------------------------------------------------|-------|------|------|--------|-----------|---------|---|--|--|------------------------------------------------------|------|------|--------|---------|------|------|--------|--|--------|
| STATION NUMBER 108395 SHOUF<br>10-DAY AND MONTHLY PERIOD MEANS |       |      |      |        |           |         |   |  |  | 1966-1981<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |      |      |        |         |      |      |        |  |        |
| PRD.                                                           | NO.   | MEAN | STD. | MEDIAN | HIGHEST   | LOWEST  |   |  |  | HIGH, YR                                             | AVG. | STD. | MEDIAN | LOW, YR | AVG. | STD. | MEDIAN |  | PRD.   |
| BEGINS                                                         | YRS   |      | DEV. |        | AVG. YR   | AVG. YR |   |  |  |                                                      | HIGH | DEV. | HIGH   |         | LOW  | DEV. | LOW    |  | BEGINS |
| JAN                                                            | 1 16  | 11.8 | 11.0 | 13.5   | 26.0 81   | -8.9 79 | I |  |  | 33 69                                                | 23.6 | 9.1  | 25.0   | -23 79  | -0.7 | 12.2 | -0.5   |  | JAN 1  |
| JAN                                                            | 11 16 | 20.8 | 4.8  | 21.0   | 28.9 67   | 9.8 79  | I |  |  | 34 67                                                | 29.8 | 4.5  | 31.5   | -8 77   | 6.4  | 9.3  | 4.5    |  | JAN 11 |
| JAN                                                            | 21 16 | 16.1 | 9.3  | 14.0   | 28.1 71   | -5.0 79 | I |  |  | 36 71                                                | 27.5 | 7.6  | 30.5   | -21 79  | 3.8  | 11.0 | 5.0    |  | JAN 21 |
| FEB                                                            | 1 16  | 17.5 | 6.7  | 17.5   | 28.4 78   | 5.6 76  | I |  |  | 33 78                                                | 28.1 | 4.4  | 28.5   | -12 79  | 6.1  | 10.2 | 8.5    |  | FEB 1  |
| FEB                                                            | 11 16 | 22.6 | 3.5  | 22.5   | 28.2 70   | 17.0 73 | I |  |  | 35 70                                                | 31.4 | 2.0  | 32.0   | 5 72    | 12.3 | 5.4  | 10.0   |  | FEB 11 |
| FEB                                                            | 21 16 | 23.8 | 4.0  | 23.5   | 29.8 68   | 15.6 75 | I |  |  | 37 68                                                | 31.2 | 2.5  | 32.0   | 7 75    | 16.7 | 5.8  | 17.5   |  | FEB 21 |
| MAR                                                            | 1 16  | 24.9 | 4.5  | 25.0   | 32.1 80   | 14.0 76 | I |  |  | 39 80                                                | 32.8 | 3.0  | 33.0   | 4 76    | 16.3 | 7.1  | 17.5   |  | MAR 1  |
| MAR                                                            | 11 16 | 27.0 | 2.4  | 26.5   | 32.0 72   | 21.4 69 | I |  |  | 36 70                                                | 33.4 | 1.8  | 33.0   | 7 69    | 20.0 | 5.3  | 22.0   |  | MAR 11 |
| MAR                                                            | 21 16 | 28.9 | 2.4  | 28.5   | 34.3 78 M | 24.3 75 | I |  |  | 40 78                                                | 35.2 | 2.9  | 36.0   | 7 75    | 22.1 | 4.8  | 23.0   |  | MAR 21 |
| APR                                                            | 1 16  | 31.0 | 2.2  | 30.5   | 35.4 78   | 27.2 81 | I |  |  | 45 77                                                | 38.8 | 3.3  | 39.5   | 17 75   | 24.3 | 3.4  | 24.5   |  | APR 1  |
| APR                                                            | 11 16 | 32.2 | 1.9  | 32.0   | 34.4 69   | 28.3 70 | I |  |  | 50 81                                                | 40.2 | 3.7  | 40.0   | 20 66   | 25.3 | 2.8  | 25.0   |  | APR 11 |
| APR                                                            | 21 16 | 35.6 | 2.9  | 34.5   | 41.2 81   | 31.9 75 | I |  |  | 47 77                                                | 42.2 | 3.3  | 42.5   | 24 68   | 30.3 | 3.9  | 30.0   |  | APR 21 |
| MAY                                                            | 1 16  | 38.0 | 2.5  | 38.0   | 44.0 80   | 34.6 69 | I |  |  | 50 80                                                | 45.0 | 3.2  | 45.0   | 24 72   | 30.3 | 3.5  | 29.5   |  | MAY 1  |
| MAY                                                            | 11 16 | 38.5 | 2.0  | 38.0   | 41.9 69   | 33.6 74 | I |  |  | 51 70                                                | 45.3 | 3.5  | 45.0   | 27 74   | 32.0 | 2.8  | 32.0   |  | MAY 11 |
| MAY                                                            | 21 16 | 41.0 | 1.8  | 40.5   | 44.9 81   | 37.7 75 | I |  |  | 53 66                                                | 48.4 | 2.6  | 48.5   | 29 75   | 33.5 | 3.0  | 33.0   |  | MAY 21 |
| JUN                                                            | 1 16  | 44.3 | 3.2  | 43.0   | 51.6 77   | 39.5 79 | I |  |  | 65 77                                                | 51.1 | 4.8  | 50.0   | 32 73   | 37.3 | 3.2  | 38.0   |  | JUN 1  |
| JUN                                                            | 11 16 | 45.4 | 1.9  | 45.0   | 49.0 77   | 41.8 78 | I |  |  | 56 69                                                | 51.8 | 2.6  | 52.0   | 33 73   | 38.5 | 2.8  | 38.5   |  | JUN 11 |
| JUN                                                            | 21 16 | 47.6 | 3.0  | 47.0   | 53.4 73   | 42.6 75 | I |  |  | 60 73                                                | 53.6 | 3.0  | 53.5   | 34 75   | 40.8 | 3.8  | 41.5   |  | JUN 21 |
| JUL                                                            | 1 15  | 49.6 | 2.3  | 50.0   | 53.0 75   | 44.6 71 | I |  |  | 61 70                                                | 56.5 | 2.5  | 57.0   | 37 71   | 43.6 | 3.6  | 43.0   |  | JUL 1  |
| JUL                                                            | 11 15 | 51.9 | 2.0  | 51.0   | 55.7 75   | 48.0 80 | I |  |  | 63 72                                                | 58.7 | 3.0  | 58.0   | 42 74   | 46.6 | 2.9  | 46.0   |  | JUL 11 |
| JUL                                                            | 21 15 | 52.4 | 1.2  | 52.0   | 54.5 80   | 49.7 72 | I |  |  | 70 66                                                | 60.0 | 3.9  | 59.0   | 42 73   | 47.1 | 3.0  | 47.0   |  | JUL 21 |
| AUG                                                            | 1 16  | 51.4 | 1.9  | 50.5   | 53.9 68   | 47.7 75 | I |  |  | 63 70                                                | 57.2 | 3.6  | 57.0   | 40 80   | 46.3 | 2.8  | 46.5   |  | AUG 1  |
| AUG                                                            | 11 16 | 50.1 | 2.0  | 50.0   | 53.3 79   | 46.1 78 | I |  |  | 58 79                                                | 55.2 | 1.5  | 55.0   | 39 78   | 45.3 | 3.3  | 46.0   |  | AUG 11 |
| AUG                                                            | 21 16 | 47.9 | 2.0  | 48.0   | 50.6 67   | 44.1 68 | I |  |  | 63 69                                                | 54.6 | 4.1  | 54.0   | 37 76   | 41.9 | 3.1  | 41.0   |  | AUG 21 |
| SEP                                                            | 1 16  | 45.1 | 2.7  | 44.0   | 50.9 67   | 41.7 76 | I |  |  | 60 67                                                | 51.8 | 3.7  | 51.5   | 33 76   | 38.7 | 3.1  | 37.5   |  | SEP 1  |
| SEP                                                            | 11 16 | 42.2 | 3.2  | 42.5   | 47.0 66   | 36.0 71 | I |  |  | 55 70                                                | 49.2 | 3.3  | 50.0   | 28 71   | 35.3 | 4.4  | 35.5   |  | SEP 11 |
| SEP                                                            | 21 16 | 39.3 | 3.4  | 38.5   | 44.8 67   | 33.3 72 | I |  |  | 52 76                                                | 45.9 | 4.1  | 47.0   | 27 72   | 33.7 | 4.3  | 33.5   |  | SEP 21 |
| OCT                                                            | 1 16  | 35.4 | 1.9  | 35.0   | 38.6 76   | 32.8 73 | I |  |  | 52 75                                                | 43.4 | 3.6  | 42.5   | 25 74   | 28.9 | 2.8  | 29.0   |  | OCT 1  |
| OCT                                                            | 11 16 | 33.3 | 3.7  | 33.5   | 39.0 79   | 24.7 69 | I |  |  | 48 79                                                | 41.9 | 4.7  | 44.0   | 18 69   | 27.6 | 3.9  | 28.0   |  | OCT 11 |
| OCT                                                            | 21 16 | 30.7 | 2.6  | 31.0   | 34.5 77   | 26.9 78 | I |  |  | 45 81                                                | 39.3 | 2.9  | 38.0   | 6 71    | 23.1 | 5.8  | 24.0   |  | OCT 21 |
| NOV                                                            | 1 16  | 28.9 | 3.1  | 29.0   | 34.7 76   | 21.7 71 | I |  |  | 43 76                                                | 36.5 | 4.0  | 37.5   | 12 71   | 21.9 | 5.1  | 22.5   |  | NOV 1  |
| NOV                                                            | 11 16 | 26.8 | 4.5  | 27.5   | 33.8 67   | 19.4 78 | I |  |  | 41 67                                                | 34.9 | 3.7  | 35.0   | 2 77    | 17.8 | 6.1  | 19.5   |  | NOV 11 |
| NOV                                                            | 21 16 | 22.5 | 4.3  | 23.5   | 28.2 71   | 13.4 79 | I |  |  | 36 67                                                | 30.5 | 3.9  | 31.5   | -3 79   | 11.8 | 7.5  | 12.5   |  | NOV 21 |
| DEC                                                            | 1 16  | 20.5 | 6.5  | 22.0   | 27.6 79   | 2.7 72  | I |  |  | 34 79                                                | 29.5 | 3.4  | 30.5   | -13 72  | 8.8  | 9.5  | 12.0   |  | DEC 1  |
| DEC                                                            | 11 16 | 18.4 | 6.7  | 20.0   | 28.3 69   | 7.5 78  | I |  |  | 34 69                                                | 27.7 | 4.2  | 28.5   | -8 72   | 8.7  | 8.7  | 10.0   |  | DEC 11 |
| DEC                                                            | 21 16 | 18.1 | 6.4  | 16.5   | 30.0 80   | 6.9 78  | I |  |  | 32 80                                                | 28.9 | 3.2  | 30.0   | -20 78  | 5.3  | 10.4 | 6.0    |  | DEC 21 |
| MONTH                                                          |       |      |      |        |           |         |   |  |  | MONTH                                                |      |      |        |         |      |      |        |  |        |
| JAN                                                            | 16    | 16.2 | 6.4  | 16.5   | 25.8 67   | -1.5 79 | I |  |  | 36 71                                                | 31.7 | 3.3  | 33.0   | -23 79  | -4.8 | 9.8  | -1.0   |  | JAN    |
| FEB                                                            | 16    | 21.2 | 3.2  | 21.5   | 26.1 78   | 16.5 75 | I |  |  | 37 68                                                | 32.6 | 1.8  | 33.0   | -12 79  | 4.4  | 8.5  | 7.5    |  | FEB    |
| MAR                                                            | 16    | 27.0 | 2.2  | 27.0   | 29.7 80   | 22.0 69 | I |  |  | 40 78                                                | 35.8 | 2.5  | 36.0   | 4 76    | 13.9 | 6.0  | 13.0   |  | MAR    |
| APR                                                            | 16    | 33.0 | 1.5  | 32.5   | 35.8 78   | 30.2 75 | I |  |  | 50 81                                                | 42.9 | 3.2  | 43.0   | 17 75   | 23.2 | 2.9  | 23.0   |  | APR    |
| MAY                                                            | 16    | 39.2 | 1.0  | 39.0   | 41.6 80   | 37.4 74 | I |  |  | 53 66                                                | 49.3 | 2.0  | 49.5   | 24 72   | 29.1 | 2.3  | 29.0   |  | MAY    |
| JUN                                                            | 16    | 45.8 | 1.9  | 45.0   | 50.1 77   | 42.8 78 | I |  |  | 65 77                                                | 54.8 | 4.1  | 55.5   | 32 73   | 36.1 | 2.5  | 36.5   |  | JUN    |
| JUL                                                            | 15    | 51.3 | 1.2  | 51.0   | 54.0 75   | 49.3 71 | I |  |  | 70 66                                                | 61.8 | 2.8  | 61.0   | 37 71   | 42.9 | 2.9  | 42.0   |  | JUL    |
| AUG                                                            | 16    | 49.7 | 1.3  | 49.5   | 51.1 79   | 47.1 80 | I |  |  | 63 70                                                | 58.9 | 2.8  | 59.0   | 37 76   | 41.4 | 2.9  | 40.5   |  | AUG    |
| SEP                                                            | 16    | 42.2 | 2.2  | 42.0   | 46.1 66   | 38.5 71 | I |  |  | 60 67                                                | 52.4 | 3.5  | 52.0   | 27 72   | 32.2 | 3.1  | 33.0   |  | SEP    |
| OCT                                                            | 16    | 33.1 | 1.5  | 32.0   | 35.6 79   | 30.7 69 | I |  |  | 52 75                                                | 45.1 | 3.0  | 45.0   | 6 71    | 21.8 | 5.3  | 23.0   |  | OCT    |
| NOV                                                            | 16    | 26.1 | 2.5  | 26.0   | 29.0 73   | 20.4 79 | I |  |  | 43 76                                                | 37.8 | 2.9  | 38.0   | -3 79   | 10.4 | 6.4  | 11.5   |  | NOV    |
| DEC                                                            | 16    | 19.0 | 4.6  | 19.0   | 25.5 79   | 8.7 78  | I |  |  | 34 79                                                | 31.3 | 2.2  | 32.0   | -20 78  | 1.2  | 8.9  | 4.0    |  | DEC    |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE       |     |      |      |        |         |         |         |   |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |          |        |      |      |        |  |        |    |
|---------------------------------|-----|------|------|--------|---------|---------|---------|---|--|----------------------------------------------|------|----------|--------|------|------|--------|--|--------|----|
| STATION NUMBER 109560 WARREN    |     |      |      |        |         |         |         |   |  | 1960-1981                                    |      |          |        |      |      |        |  |        |    |
| 10-DAY AND MONTHLY PERIOD MEANS |     |      |      |        |         |         |         |   |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |          |        |      |      |        |  |        |    |
| PRD.                            | NO. |      | STD. |        | HIGHEST | LOWEST  |         |   |  | AVG.                                         | STD. | MEDIAN   |        | AVG. | STD. | MEDIAN |  | PRD.   |    |
| BEGINS                          | YRS | MEAN | DEV. | MEDIAN | AVG.YR  | AVG.YR  |         |   |  | HIGH.YR                                      | DEV. | HIGH     | LOW.YR | LOW  | DEV. | LOW    |  | BEGINS |    |
| JAN                             | 1   | 22   | 28.8 | 5.8    | 28.0    | 37.3 61 | 14.1 74 | I |  | 47 61                                        | 36.8 | 6.2 38.0 | 6 79   | 18.3 | 6.4  | 19.5   |  | JAN    | 1  |
| JAN                             | 11  | 22   | 33.7 | 5.1    | 34.0    | 40.6 61 | 22.6 62 | I |  | 50 68                                        | 41.1 | 5.5 40.5 | 5 63   | 24.5 | 7.2  | 26.0   |  | JAN    | 11 |
| JAN                             | 21  | 22   | 33.4 | 4.5    | 33.0    | 40.7 60 | 25.7 69 | I |  | 54 81                                        | 42.3 | 5.4 41.0 | 8 80   | 23.5 | 6.7  | 22.5   |  | JAN    | 21 |
| FEB                             | 1   | 22   | 38.5 | 4.7    | 38.0    | 49.7 63 | 31.3 79 | I |  | 58 63                                        | 46.2 | 4.9 45.0 | 18 76  | 29.0 | 6.9  | 29.5   |  | FEB    | 1  |
| FEB                             | 11  | 22   | 37.8 | 4.1    | 37.5    | 50.3 77 | 31.6 66 | I |  | 57 77                                        | 45.7 | 4.8 45.0 | 20 66  | 31.0 | 5.5  | 31.0   |  | FEB    | 11 |
| FEB                             | 21  | 22   | 39.1 | 7.0    | 38.5    | 48.0 73 | 21.5 62 | I |  | 56 68                                        | 46.9 | 6.0 48.0 | 7 62   | 30.5 | 8.1  | 31.0   |  | FEB    | 21 |
| MAR                             | 1   | 22   | 38.8 | 4.8    | 38.0    | 47.8 81 | 31.7 64 | I |  | 60 72                                        | 47.3 | 5.3 46.0 | 20 62  | 30.0 | 6.4  | 29.5   |  | MAR    | 1  |
| MAR                             | 11  | 22   | 41.3 | 4.6    | 40.0    | 50.1 79 | 33.7 71 | I |  | 65 60                                        | 50.5 | 5.6 49.0 | 22 65  | 31.4 | 4.5  | 30.5   |  | MAR    | 11 |
| MAR                             | 21  | 22   | 43.8 | 5.7    | 42.0    | 56.5 78 | 33.8 75 | I |  | 68 68                                        | 54.5 | 7.1 53.0 | 22 75  | 32.9 | 5.3  | 34.0   |  | MAR    | 21 |
| APR                             | 1   | 22   | 45.9 | 5.3    | 45.0    | 57.4 60 | 35.5 75 | I |  | 65 60                                        | 54.3 | 6.4 53.5 | 29 75  | 36.6 | 4.1  | 37.0   |  | APR    | 1  |
| APR                             | 11  | 22   | 47.3 | 5.7    | 45.0    | 61.6 62 | 38.7 70 | I |  | 70 62                                        | 57.2 | 6.2 57.5 | 30 76  | 37.5 | 5.3  | 37.0   |  | APR    | 11 |
| APR                             | 21  | 22   | 50.5 | 6.4    | 50.0    | 68.3 77 | 39.9 70 | I |  | 75 77                                        | 60.7 | 7.7 61.0 | 32 75  | 39.3 | 6.2  | 38.0   |  | APR    | 21 |
| MAY                             | 1   | 21   | 54.6 | 6.4    | 53.0    | 71.7 66 | 44.1 64 | I |  | 79 66                                        | 65.7 | 5.6 65.0 | 32 65  | 43.0 | 6.7  | 42.0   |  | MAY    | 1  |
| MAY                             | 11  | 22   | 58.0 | 6.4    | 57.0    | 70.1 73 | 44.5 74 | I |  | 78 73                                        | 69.0 | 6.3 70.5 | 37 74  | 46.0 | 7.1  | 44.5   |  | MAY    | 11 |
| MAY                             | 21  | 21   | 60.9 | 5.1    | 60.0    | 70.2 66 | 54.2 78 | I |  | 81 72                                        | 72.3 | 5.2 73.0 | 37 80  | 48.0 | 6.4  | 48.0   |  | MAY    | 21 |
| JUN                             | 1   | 21   | 65.3 | 6.0    | 65.0    | 75.1 77 | 54.9 63 | I |  | 85 77                                        | 73.4 | 6.3 74.0 | 44 62  | 54.9 | 7.6  | 52.0   |  | JUN    | 1  |
| JUN                             | 11  | 22   | 67.0 | 6.4    | 67.0    | 83.9 74 | 56.3 64 | I |  | 87 74                                        | 77.4 | 5.5 77.5 | 40 76  | 55.0 | 8.8  | 54.0   |  | JUN    | 11 |
| JUN                             | 21  | 22   | 70.4 | 6.4    | 69.5    | 80.0 61 | 54.6 69 | I |  | 86 70                                        | 79.6 | 4.8 80.0 | 45 64  | 57.3 | 8.4  | 54.5   |  | JUN    | 21 |
| JUL                             | 1   | 22   | 75.7 | 4.3    | 76.0    | 83.6 75 | 67.6 78 | I |  | 91 73                                        | 83.0 | 4.2 82.0 | 57 74  | 66.3 | 5.7  | 66.5   |  | JUL    | 1  |
| JUL                             | 11  | 22   | 77.6 | 3.6    | 77.5    | 86.4 60 | 71.1 63 | I |  | 93 60                                        | 84.4 | 3.7 85.0 | 57 74  | 68.2 | 6.2  | 68.0   |  | JUL    | 11 |
| JUL                             | 21  | 22   | 79.6 | 2.6    | 79.0    | 84.3 60 | 75.2 70 | I |  | 91 80                                        | 85.7 | 3.1 85.5 | 52 72  | 71.8 | 7.3  | 73.5   |  | JUL    | 21 |
| AUG                             | 1   | 22   | 79.2 | 4.0    | 79.5    | 85.7 61 | 69.5 76 | I |  | 94 61                                        | 85.1 | 4.0 86.0 | 58 76  | 72.4 | 5.9  | 74.0   |  | AUG    | 1  |
| AUG                             | 11  | 22   | 76.4 | 6.3    | 78.0    | 85.6 67 | 64.2 76 | I |  | 88 61                                        | 83.1 | 4.0 85.0 | 49 68  | 66.7 | 9.7  | 69.0   |  | AUG    | 11 |
| AUG                             | 21  | 22   | 72.5 | 6.2    | 71.0    | 81.9 69 | 63.4 60 | I |  | 92 69                                        | 80.9 | 5.2 79.5 | 45 60  | 62.1 | 9.0  | 61.5   |  | AUG    | 21 |
| SEP                             | 1   | 22   | 71.3 | 5.0    | 72.0    | 78.8 67 | 60.1 64 | I |  | 85 67                                        | 79.6 | 4.5 80.0 | 39 64  | 59.5 | 7.7  | 58.5   |  | SEP    | 1  |
| SEP                             | 11  | 22   | 65.5 | 6.7    | 65.5    | 79.5 81 | 50.4 65 | I |  | 87 81                                        | 75.7 | 6.2 77.0 | 36 65  | 51.6 | 7.1  | 52.0   |  | SEP    | 11 |
| SEP                             | 21  | 22   | 64.6 | 7.8    | 65.0    | 78.1 67 | 50.4 61 | I |  | 83 67                                        | 74.1 | 6.3 75.0 | 37 68  | 51.2 | 9.6  | 50.5   |  | SEP    | 21 |
| OCT                             | 1   | 22   | 61.5 | 6.6    | 62.0    | 74.1 80 | 51.9 69 | I |  | 79 80                                        | 72.1 | 5.5 72.0 | 37 69  | 49.0 | 9.2  | 49.0   |  | OCT    | 1  |
| OCT                             | 11  | 22   | 56.4 | 6.3    | 56.5    | 66.8 78 | 45.0 69 | I |  | 76 71                                        | 67.1 | 5.9 66.5 | 33 66  | 45.0 | 8.1  | 43.5   |  | OCT    | 11 |
| OCT                             | 21  | 22   | 50.4 | 6.3    | 49.5    | 64.8 62 | 40.5 61 | I |  | 72 62                                        | 60.7 | 5.6 59.5 | 29 71  | 39.3 | 6.7  | 38.5   |  | OCT    | 21 |
| NOV                             | 1   | 22   | 45.6 | 5.5    | 44.0    | 56.6 81 | 37.6 77 | I |  | 66 76                                        | 55.8 | 6.3 55.0 | 23 78  | 35.8 | 6.1  | 37.0   |  | NOV    | 1  |
| NOV                             | 11  | 22   | 39.7 | 4.1    | 38.0    | 48.2 67 | 33.2 78 | I |  | 57 77                                        | 48.6 | 5.1 48.0 | 15 77  | 31.0 | 6.4  | 31.0   |  | NOV    | 11 |
| NOV                             | 21  | 22   | 35.8 | 2.8    | 36.0    | 40.7 69 | 30.2 75 | I |  | 50 76                                        | 43.5 | 3.4 44.0 | 16 75  | 27.3 | 4.9  | 28.0   |  | NOV    | 21 |
| DEC                             | 1   | 22   | 33.9 | 5.7    | 34.0    | 44.4 65 | 19.9 72 | I |  | 50 65                                        | 42.7 | 4.4 43.5 | 6 72   | 24.6 | 8.9  | 26.5   |  | DEC    | 1  |
| DEC                             | 11  | 22   | 32.3 | 5.5    | 32.0    | 40.9 62 | 19.8 67 | I |  | 55 79                                        | 40.8 | 5.7 41.5 | -5 64  | 22.6 | 9.3  | 23.5   |  | DEC    | 11 |
| DEC                             | 21  | 22   | 31.2 | 4.1    | 31.0    | 39.4 80 | 22.2 78 | I |  | 46 80                                        | 39.9 | 3.9 40.5 | 1 78   | 21.9 | 7.1  | 22.5   |  | DEC    | 21 |
| MONTH                           |     |      |      |        |         |         |         |   |  | MONTH                                        |      |          |        |      |      |        |  |        |    |
| JAN                             | 22  | 32.0 | 3.1  | 31.0   | 38.8 61 | 26.3 79 | I       |   |  | 54 81                                        | 44.8 | 4.1 45.0 | 5 63   | 15.9 | 6.2  | 16.5   |  | JAN    |    |
| FEB                             | 22  | 38.4 | 3.5  | 37.0   | 45.2 63 | 33.2 60 | I       |   |  | 58 63                                        | 50.5 | 4.6 49.0 | 7 62   | 24.4 | 6.8  | 25.5   |  | FEB    |    |
| MAR                             | 22  | 41.4 | 3.3  | 40.0   | 47.7 78 | 35.9 71 | I       |   |  | 68 68                                        | 55.7 | 6.2 55.0 | 20 62  | 26.9 | 4.1  | 27.0   |  | MAR    |    |
| APR                             | 22  | 47.9 | 3.9  | 47.0   | 57.0 77 | 40.9 75 | I       |   |  | 75 77                                        | 62.5 | 6.3 62.0 | 29 75  | 33.6 | 2.7  | 33.0   |  | APR    |    |
| MAY                             | 21  | 57.7 | 3.7  | 57.0   | 65.6 66 | 52.7 77 | I       |   |  | 81 72                                        | 73.6 | 4.6 74.0 | 32 65  | 40.3 | 4.7  | 40.0   |  | MAY    |    |
| JUN                             | 21  | 67.6 | 3.9  | 66.0   | 76.6 61 | 62.2 75 | I       |   |  | 87 74                                        | 81.7 | 3.2 82.0 | 40 76  | 49.7 | 6.0  | 48.0   |  | JUN    |    |
| JUL                             | 22  | 77.7 | 2.2  | 77.0   | 82.8 60 | 74.6 72 | I       |   |  | 93 60                                        | 87.3 | 2.7 87.5 | 52 72  | 62.6 | 4.9  | 62.5   |  | JUL    |    |
| AUG                             | 22  | 75.9 | 4.4  | 75.0   | 82.6 67 | 69.5 76 | I       |   |  | 94 61                                        | 86.3 | 3.1 86.0 | 45 60  | 60.0 | 8.9  | 58.5   |  | AUG    |    |
| SEP                             | 22  | 67.1 | 4.8  | 68.0   | 74.6 67 | 57.8 65 | I       |   |  | 87 81                                        | 80.4 | 4.0 80.5 | 36 65  | 46.9 | 7.4  | 47.0   |  | SEP    |    |
| OCT                             | 22  | 56.0 | 3.5  | 55.5   | 63.5 78 | 49.4 69 | I       |   |  | 79 80                                        | 73.3 | 3.9 73.5 | 29 71  | 37.5 | 4.7  | 37.5   |  | OCT    |    |
| NOV                             | 22  | 40.4 | 2.9  | 39.0   | 47.5 76 | 35.4 73 | I       |   |  | 66 76                                        | 56.7 | 5.7 57.0 | 15 77  | 26.0 | 4.6  | 28.0   |  | NOV    |    |
| DEC                             | 22  | 32.4 | 3.4  | 32.5   | 37.6 62 | 25.1 78 | I       |   |  | 55 79                                        | 44.6 | 4.0 45.0 | -5 64  | 16.7 | 8.5  | 20.0   |  | DEC    |    |

(con.)

Table 21 (Con.)

| MINIMUM DAILY TEMPERATURE       |     |      |      |        |         |         |          |   |   | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |      |        |        |       |      |        |        |    |
|---------------------------------|-----|------|------|--------|---------|---------|----------|---|---|----------------------------------------------|------|------|--------|--------|-------|------|--------|--------|----|
| STATION NUMBER 109560 WARREN    |     |      |      |        |         |         |          |   |   | 1960-1981                                    |      |      |        |        |       |      |        |        |    |
| 10-DAY AND MONTHLY PERIOD MEANS |     |      |      |        |         |         |          |   |   | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |      |        |        |       |      |        |        |    |
| PRD.                            | NO. |      | STD. |        | HIGHEST | LOWEST  |          |   |   | HIGH.YR                                      | AVG. | STD. | MEDIAN |        | AVG.  | STD. | MEDIAN | PRD.   |    |
| BEGINS                          | YRS | MEAN | DEV. | MEDIAN | AVG.YR  | AVG.YR  |          |   |   | HIGH                                         | HIGH | DEV. | HIGH   | LOW.YR | LOW   | DEV. | LOW    | BEGINS |    |
| JAN                             | 1   | 22   | 2.9  | 8.8    | 4.0     | 16.5 69 | -21.3 74 | I | I | 31 69                                        | 21.9 | 8.4  | 24.0   | -44 79 | -17.8 | 11.4 | -1.0   | JAN    | 1  |
| JAN                             | 11  | 22   | 9.2  | 9.2    | 11.0    | 20.6 70 | -10.8 63 | I | I | 33 74                                        | 25.4 | 6.5  | 26.5   | -38 63 | -12.6 | 9.8  | -1.0   | JAN    | 11 |
| JAN                             | 21  | 22   | 4.9  | 8.6    | 3.0     | 18.5 74 | -10.5 79 | I | I | 33 71                                        | 23.3 | 7.6  | 25.0   | -37 62 | -15.6 | 11.7 | -1.0   | JAN    | 21 |
| FEB                             | 1   | 22   | 8.6  | 7.1    | 8.0     | 21.0 61 | -8.0 76  | I | I | 33 61                                        | 24.2 | 6.2  | 25.0   | -30 79 | -9.5  | 10.6 | -1.0   | FEB    | 1  |
| FEB                             | 11  | 22   | 12.3 | 6.2    | 14.5    | 21.4 81 | 0.2 66   | I | I | 33 70                                        | 25.9 | 5.2  | 26.0   | -31 65 | -5.8  | 10.8 | -1.0   | FEB    | 11 |
| FEB                             | 21  | 22   | 7.9  | 8.6    | 9.0     | 17.8 72 | -11.6 62 | I | I | 33 72                                        | 22.2 | 7.0  | 23.5   | -39 62 | -6.8  | 11.9 | -1.0   | FEB    | 21 |
| MAR                             | 1   | 22   | 9.0  | 6.7    | 10.0    | 18.2 75 | -7.3 65  | I | I | 31 79                                        | 24.0 | 5.3  | 25.0   | -25 66 | -8.6  | 10.2 | -1.0   | MAR    | 1  |
| MAR                             | 11  | 21   | 10.3 | 7.2    | 10.0    | 23.0 72 | -8.2 65  | I | I | 32 61                                        | 24.6 | 5.8  | 25.0   | -31 65 | -7.2  | 10.8 | -1.0   | MAR    | 11 |
| MAR                             | 21  | 22   | 14.0 | 6.1    | 14.0    | 23.2 78 | 3.5 65   | I | I | 32 74                                        | 26.8 | 4.6  | 27.5   | -26 65 | -0.4  | 11.5 | 0.5    | MAR    | 21 |
| APR                             | 1   | 22   | 17.8 | 3.6    | 17.0    | 24.4 69 | 8.5 75   | I | I | 34 61                                        | 28.5 | 2.8  | 28.0   | -9 75  | 6.0   | 6.7  | 6.0    | APR    | 1  |
| APR                             | 11  | 22   | 18.0 | 3.6    | 18.5    | 23.4 69 | 10.3 64  | I | I | 35 81                                        | 28.3 | 3.3  | 29.0   | -6 66  | 5.8   | 5.6  | 5.0    | APR    | 11 |
| APR                             | 21  | 22   | 22.5 | 3.5    | 22.0    | 30.8 81 | 16.5 66  | I | I | 36 81                                        | 29.5 | 2.8  | 29.0   | 0 67   | 14.6  | 6.0  | 16.0   | APR    | 21 |
| MAY                             | 1   | 21   | 25.5 | 3.4    | 26.0    | 32.4 80 | 18.8 65  | I | I | 39 80                                        | 32.5 | 2.9  | 33.0   | 2 67   | 17.4  | 6.0  | 20.0   | MAY    | 1  |
| MAY                             | 11  | 22   | 26.4 | 3.2    | 27.0    | 30.5 81 | 18.4 66  | I | I | 38 81                                        | 33.0 | 3.6  | 33.5   | 13 74  | 19.8  | 4.0  | 21.0   | MAY    | 11 |
| MAY                             | 21  | 21   | 28.7 | 2.5    | 28.0    | 35.5 81 | 25.4 60  | I | I | 42 81                                        | 36.7 | 3.1  | 36.0   | 11 60  | 21.3  | 4.1  | 22.0   | MAY    | 21 |
| JUN                             | 1   | 21   | 31.6 | 3.8    | 30.0    | 39.8 77 | 25.1 65  | I | I | 59 77                                        | 38.8 | 6.1  | 39.0   | 17 66  | 24.7  | 3.3  | 25.0   | JUN    | 1  |
| JUN                             | 11  | 22   | 33.6 | 2.0    | 33.0    | 36.8 74 | 30.0 79  | I | I | 46 81                                        | 41.4 | 2.7  | 41.0   | 21 73  | 26.5  | 2.9  | 27.0   | JUN    | 11 |
| JUN                             | 21  | 22   | 33.6 | 3.0    | 33.0    | 41.5 73 | 29.3 65  | I | I | 50 73                                        | 40.9 | 3.8  | 40.0   | 21 76  | 26.5  | 3.5  | 27.0   | JUN    | 21 |
| JUL                             | 1   | 22   | 34.9 | 3.3    | 33.5    | 41.8 75 | 29.2 62  | I | I | 52 81                                        | 42.5 | 4.6  | 42.0   | 22 71  | 27.8  | 4.1  | 27.0   | JUL    | 1  |
| JUL                             | 11  | 22   | 35.5 | 3.7    | 35.0    | 46.4 75 | 28.4 62  | I | I | 55 75                                        | 43.0 | 5.2  | 42.5   | 22 62  | 29.0  | 3.4  | 29.0   | JUL    | 11 |
| JUL                             | 21  | 22   | 36.0 | 3.0    | 36.0    | 41.5 75 | 29.5 63  | I | I | 51 76                                        | 45.1 | 4.9  | 45.5   | 24 69  | 29.4  | 3.2  | 30.0   | JUL    | 21 |
| AUG                             | 1   | 22   | 34.8 | 2.3    | 34.5    | 39.4 71 | 30.3 69  | I | I | 52 76                                        | 43.8 | 4.5  | 44.5   | 23 69  | 28.7  | 2.5  | 28.5   | AUG    | 1  |
| AUG                             | 11  | 22   | 34.5 | 2.6    | 34.0    | 39.1 79 | 30.7 66  | I | I | 54 61                                        | 42.6 | 4.8  | 42.5   | 23 66  | 28.2  | 3.0  | 27.5   | AUG    | 11 |
| AUG                             | 21  | 22   | 31.9 | 2.7    | 31.5    | 37.3 61 | 27.8 62  | I | I | 47 66                                        | 40.9 | 3.0  | 40.5   | 16 65  | 25.0  | 3.5  | 25.0   | AUG    | 21 |
| SEP                             | 1   | 22   | 30.2 | 3.8    | 29.0    | 38.8 78 | 23.2 65  | I | I | 49 78                                        | 38.8 | 5.9  | 37.5   | 16 65  | 22.7  | 3.3  | 23.5   | SEP    | 1  |
| SEP                             | 11  | 22   | 28.4 | 4.4    | 28.5    | 34.9 66 | 19.6 65  | I | I | 48 81                                        | 38.0 | 4.9  | 37.5   | 5 65   | 20.7  | 5.9  | 21.5   | SEP    | 11 |
| SEP                             | 21  | 22   | 27.2 | 3.2    | 26.5    | 32.0 66 | 21.2 61  | I | I | 45 76                                        | 34.9 | 5.1  | 35.5   | 14 71  | 20.6  | 4.1  | 20.5   | SEP    | 21 |
| OCT                             | 1   | 22   | 24.6 | 3.1    | 24.0    | 32.2 63 | 20.1 68  | I | I | 42 75                                        | 32.8 | 4.3  | 32.0   | 8 68   | 17.3  | 4.3  | 17.5   | OCT    | 1  |
| OCT                             | 11  | 22   | 22.9 | 3.7    | 23.0    | 28.3 75 | 12.6 69  | I | I | 42 63                                        | 32.6 | 4.1  | 32.5   | 1 69   | 15.0  | 6.0  | 15.0   | OCT    | 11 |
| OCT                             | 21  | 22   | 20.7 | 4.0    | 21.0    | 27.4 77 | 13.3 70  | I | I | 35 63                                        | 29.7 | 3.3  | 30.5   | -12 71 | 9.3   | 8.0  | 12.5   | OCT    | 21 |
| NOV                             | 1   | 22   | 19.4 | 4.2    | 18.5    | 30.0 80 | 10.6 71  | I | I | 36 80                                        | 30.1 | 3.5  | 30.0   | -8 78  | 7.3   | 8.8  | 6.5    | NOV    | 1  |
| NOV                             | 11  | 22   | 17.0 | 6.7    | 19.0    | 25.5 81 | 2.2 64   | I | I | 35 73                                        | 28.4 | 4.1  | 29.0   | -15 64 | 1.7   | 9.6  | 3.5    | NOV    | 11 |
| NOV                             | 21  | 22   | 11.9 | 4.2    | 12.0    | 19.7 71 | 1.2 79   | I | I | 33 73                                        | 27.4 | 4.4  | 28.0   | -19 79 | -4.6  | 8.3  | -1.0   | NOV    | 21 |
| DEC                             | 1   | 22   | 10.6 | 8.1    | 11.5    | 23.6 75 | -12.7 72 | I | I | 33 75                                        | 26.3 | 4.9  | 26.5   | -37 72 | -8.0  | 13.0 | -1.0   | DEC    | 1  |
| DEC                             | 11  | 22   | 8.7  | 8.0    | 9.0     | 22.1 69 | -8.5 67  | I | I | 32 73                                        | 24.4 | 6.4  | 25.0   | -42 64 | -11.6 | 12.8 | -1.0   | DEC    | 11 |
| DEC                             | 21  | 22   | 8.3  | 7.2    | 7.0     | 25.5 80 | -8.8 78  | I | I | 32 80                                        | 23.7 | 4.6  | 22.0   | -45 78 | -10.7 | 12.2 | -1.0   | DEC    | 21 |
| MONTH                           |     |      |      |        |         |         |          |   |   | MONTH                                        |      |      |        |        |       |      |        |        |    |
| JAN                             | 22  | 5.7  | 5.3  | 6.0    | 14.9 67 | -6.7 79 | I        | I | I | 33 74                                        | 29.0 | 3.5  | 30.0   | -44 79 | -25.1 | 9.4  | -1.0   | JAN    |    |
| FEB                             | 22  | 9.7  | 4.8  | 10.0   | 19.3 61 | -0.7 64 | I        | I | I | 33 72                                        | 28.4 | 4.3  | 30.0   | -39 62 | -16.1 | 11.0 | -1.0   | FEB    |    |
| MAR                             | 21  | 11.4 | 5.1  | 11.0   | 17.8 78 | -3.7 65 | I        | I | I | 32 74                                        | 28.8 | 3.6  | 30.0   | -31 65 | -13.7 | 9.0  | -1.0   | MAR    |    |
| APR                             | 22  | 19.4 | 2.5  | 19.0   | 23.3 69 | 15.0 66 | I        | I | I | 36 81                                        | 30.9 | 2.2  | 31.0   | -9 75  | 3.5   | 6.4  | 4.5    | APR    |    |
| MAY                             | 21  | 26.9 | 2.4  | 27.0   | 31.2 80 | 21.8 66 | I        | I | I | 42 81                                        | 37.2 | 2.6  | 38.0   | 2 67   | 15.5  | 5.4  | 15.0   | MAY    |    |
| JUN                             | 21  | 33.0 | 2.0  | 33.0   | 36.9 77 | 28.2 65 | I        | I | I | 59 77                                        | 44.0 | 4.6  | 43.0   | 17 66  | 23.2  | 2.4  | 24.0   | JUN    |    |
| JUL                             | 22  | 35.5 | 2.8  | 35.0   | 43.2 75 | 31.3 62 | I        | I | I | 55 75                                        | 48.0 | 3.6  | 49.5   | 22 71  | 26.5  | 3.1  | 26.0   | JUL    |    |
| AUG                             | 22  | 33.7 | 1.8  | 33.5   | 36.2 71 | 30.5 64 | I        | I | I | 54 61                                        | 46.7 | 3.3  | 46.0   | 16 65  | 24.5  | 2.9  | 25.0   | AUG    |    |
| SEP                             | 22  | 28.6 | 2.9  | 28.5   | 33.0 63 | 21.7 65 | I        | I | I | 49 78                                        | 41.6 | 4.6  | 41.0   | 5 65   | 18.0  | 4.4  | 18.5   | SEP    |    |
| OCT                             | 22  | 22.7 | 2.4  | 23.0   | 27.0 63 | 17.7 78 | I        | I | I | 42 75                                        | 35.0 | 3.5  | 35.0   | -12 71 | 7.1   | 7.5  | 9.0    | OCT    |    |
| NOV                             | 22  | 16.1 | 2.8  | 17.0   | 19.6 81 | 10.3 79 | I        | I | I | 36 80                                        | 31.7 | 2.3  | 32.0   | -19 79 | -7.7  | 7.0  | -1.0   | NOV    |    |
| DEC                             | 22  | 9.2  | 4.7  | 7.0    | 16.9 80 | -2.3 78 | I        | I | I | 33 75                                        | 29.0 | 3.4  | 30.0   | -45 78 | -19.7 | 12.0 | -1.0   | DEC    |    |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE             |     |      |      |        |            |           |   |         |       | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |       |        |      |      |      |        |        |      |  |
|---------------------------------------|-----|------|------|--------|------------|-----------|---|---------|-------|----------------------------------------------|-------|--------|------|------|------|--------|--------|------|--|
| STATION NUMBER 101039 CAMPBELLS FERRY |     |      |      |        |            |           |   |         |       | 1961-1978                                    |       |        |      |      |      |        |        |      |  |
| 10-DAY AND MONTHLY PERIOD MEANS       |     |      |      |        |            |           |   |         |       | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |       |        |      |      |      |        |        |      |  |
| PRD.                                  | NO. |      | STD. |        | HIGHEST    | LOWEST    |   |         |       | AVG.                                         | STD.  | MEDIAN |      | AVG. | STD. | MEDIAN |        | PRD. |  |
| BEGINS                                | YRS | MEAN | DEV. | MEDIAN | AVG.YR     | AVG.YR    |   | HIGH.YR | HIGH  | DEV.                                         | HIGH  | LOW.YR | LOW  | DEV. | LOW  |        | BEGINS |      |  |
| MAY 1                                 | 9   | 71.1 | 6.1  | 72.0   | 79.0 71    | 61.3 75 M | I | 88 69   | 81.3  | 5.6                                          | 83.0  | 45 75  | 57.4 | 8.6  | 58.0 |        | MAY 1  |      |  |
| MAY 11                                | 9   | 74.0 | 6.2  | 73.0   | 86.7 73    | 65.3 77   | I | 91 73   | 85.7  | 3.8                                          | 86.0  | 49 77  | 57.9 | 7.6  | 57.0 |        | MAY 11 |      |  |
| MAY 21                                | 10  | 76.9 | 5.9  | 76.5   | 86.4 66    | 67.7 78   | I | 99 66   | 88.1  | 5.5                                          | 89.5  | 53 78  | 64.2 | 7.3  | 64.0 |        | MAY 21 |      |  |
| JUN 1                                 | 13  | 80.8 | 6.4  | 78.0   | 91.6 69    | 73.1 67   | I | 102 77  | 90.5  | 7.0                                          | 89.0  | 61 68  | 67.8 | 7.1  | 65.0 |        | JUN 1  |      |  |
| JUN 11                                | 15  | 83.0 | 7.5  | 81.0   | 98.4 74    | 72.1 76 M | I | 104 61  | 93.8  | 6.3                                          | 95.0  | 61 64  | 70.8 | 8.1  | 68.0 |        | JUN 11 |      |  |
| JUN 21                                | 16  | 86.1 | 7.2  | 86.0   | 98.9 61    | 70.4 69   | I | 104 70  | 95.6  | 5.5                                          | 96.0  | 57 69  | 73.3 | 9.4  | 74.0 |        | JUN 21 |      |  |
| JUL 1                                 | 18  | 92.0 | 5.4  | 93.0   | 99.6 68    | 81.0 78   | I | 105 75  | 99.8  | 4.2                                          | 100.0 | 67 77  | 81.2 | 6.9  | 81.5 |        | JUL 1  |      |  |
| JUL 11                                | 18  | 93.8 | 4.4  | 93.5   | 100.8 66   | 86.8 78   | I | 109 67  | 102.0 | 3.3                                          | 100.0 | 70 72  | 83.3 | 7.9  | 85.0 |        | JUL 11 |      |  |
| JUL 21                                | 18  | 96.7 | 3.5  | 97.0   | 102.5 61   | 90.9 76   | I | 108 68  | 103.2 | 3.1                                          | 100.0 | 69 72  | 85.1 | 8.4  | 84.0 |        | JUL 21 |      |  |
| AUG 1                                 | 18  | 96.7 | 5.2  | 97.0   | 105.2 61   | 82.5 76   | I | 114 61  | 103.7 | 5.0                                          | 100.0 | 75 76  | 87.2 | 6.8  | 89.5 |        | AUG 1  |      |  |
| AUG 11                                | 17  | 93.7 | 8.0  | 96.0   | 105.1 67   | 76.6 68   | I | 107 67  | 101.1 | 4.7                                          | 100.0 | 61 68  | 82.2 | 13.0 | 84.0 |        | AUG 11 |      |  |
| AUG 21                                | 17  | 89.1 | 7.3  | 88.0   | 100.9 70   | 78.7 75   | I | 109 69  | 98.1  | 6.6                                          | 98.0  | 67 77  | 77.5 | 9.3  | 75.0 |        | AUG 21 |      |  |
| SEP 1                                 | 17  | 86.0 | 6.0  | 84.0   | 96.5 66    | 75.9 64   | I | 107 69  | 95.5  | 5.8                                          | 95.0  | 55 64  | 70.9 | 8.8  | 69.0 |        | SEP 1  |      |  |
| SEP 11                                | 16  | 77.4 | 6.3  | 78.0   | 84.8 67    | 64.5 78 M | I | 101 63  | 88.4  | 6.7                                          | 89.0  | 52 68  | 64.9 | 7.0  | 66.0 |        | SEP 11 |      |  |
| SEP 21                                | 14  | 78.0 | 8.3  | 76.0   | 93.0 67    | 64.8 72   | I | 99 67   | 85.2  | 8.0                                          | 83.0  | 47 68  | 67.2 | 11.4 | 68.5 |        | SEP 21 |      |  |
| OCT 1                                 | 11  | 70.1 | 5.5  | 69.0   | 81.4 65    | 60.4 69   | I | 95 63   | 79.2  | 6.4                                          | 78.0  | 50 69  | 59.4 | 6.8  | 60.0 |        | OCT 1  |      |  |
| OCT 11                                | 8   | 64.8 | 5.9  | 63.0   | 75.9 65    | 58.0 69   | I | 78 64   | 71.3  | 5.6                                          | 72.5  | 47 66  | 58.1 | 7.4  | 57.0 |        | OCT 11 |      |  |
| MONTH                                 |     |      |      |        |            |           |   |         |       | MONTH                                        |       |        |      |      |      |        |        |      |  |
| MAY                                   | 8   | 74.2 | 4.8  | 75.0   | 79.7 69    | 66.6 78   | I | 99 66   | 87.9  | 3.3                                          | 89.5  | 45 75  | 54.3 | 6.0  | 52.0 |        | MAY    |      |  |
| JUN                                   | 13  | 82.6 | 3.4  | 82.0   | 89.0 74    | 76.4 76 M | I | 104 70  | 98.1  | 3.3                                          | 97.0  | 57 69  | 63.8 | 4.3  | 62.0 |        | JUN    |      |  |
| JUL                                   | 18  | 94.2 | 3.5  | 94.0   | 100.1 61 M | 88.1 78   | I | 109 67  | 104.3 | 2.4                                          | 100.0 | 67 77  | 76.7 | 6.2  | 77.0 |        | JUL    |      |  |
| AUG                                   | 17  | 92.9 | 5.7  | 93.0   | 101.5 67   | 83.8 76   | I | 114 61  | 104.4 | 3.6                                          | 100.0 | 61 68  | 75.2 | 9.4  | 74.0 |        | AUG    |      |  |
| SEP                                   | 14  | 80.8 | 6.1  | 80.0   | 90.9 67    | 72.4 70   | I | 107 69  | 95.4  | 6.3                                          | 94.0  | 47 68  | 61.1 | 7.6  | 64.5 |        | SEP    |      |  |

| MINIMUM DAILY TEMPERATURE             |     |      |      |        |         |           |   |         |      | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |        |      |      |      |        |        |      |  |
|---------------------------------------|-----|------|------|--------|---------|-----------|---|---------|------|----------------------------------------------|------|--------|------|------|------|--------|--------|------|--|
| STATION NUMBER 101039 CAMPBELLS FERRY |     |      |      |        |         |           |   |         |      | 1961-1978                                    |      |        |      |      |      |        |        |      |  |
| 10-DAY AND MONTHLY PERIOD MEANS       |     |      |      |        |         |           |   |         |      | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |        |      |      |      |        |        |      |  |
| PRD.                                  | NO. |      | STD. |        | HIGHEST | LOWEST    |   |         |      | AVG.                                         | STD. | MEDIAN |      | AVG. | STD. | MEDIAN |        | PRD. |  |
| BEGINS                                | YRS | MEAN | DEV. | MEDIAN | AVG.YR  | AVG.YR    |   | HIGH.YR | HIGH | DEV.                                         | HIGH | LOW.YR | LOW  | DEV. | LOW  |        | BEGINS |      |  |
| MAY 1                                 | 9   | 38.4 | 3.2  | 38.0   | 42.3 71 | 33.8 68   | I | 50 77   | 44.7 | 5.1                                          | 45.0 | 28 73  | 31.8 | 2.4  | 32.0 |        | MAY 1  |      |  |
| MAY 11                                | 9   | 40.7 | 1.9  | 40.0   | 43.8 69 | 37.6 71   | I | 51 68   | 47.7 | 2.6                                          | 48.0 | 29 73  | 34.2 | 3.3  | 35.0 |        | MAY 11 |      |  |
| MAY 21                                | 10  | 42.4 | 0.9  | 42.0   | 44.2 66 | 41.1 77   | I | 53 69   | 50.3 | 2.2                                          | 50.5 | 31 66  | 34.1 | 2.2  | 34.0 |        | MAY 21 |      |  |
| JUN 1                                 | 13  | 46.9 | 3.4  | 46.0   | 52.0 69 | 42.1 65   | I | 61 77   | 53.4 | 3.9                                          | 53.0 | 33 73  | 38.8 | 3.2  | 39.0 |        | JUN 1  |      |  |
| JUN 11                                | 15  | 47.9 | 2.2  | 47.0   | 51.4 63 | 43.1 73   | I | 58 69   | 54.9 | 2.1                                          | 55.0 | 35 73  | 40.8 | 3.2  | 42.0 |        | JUN 11 |      |  |
| JUN 21                                | 16  | 49.0 | 2.4  | 48.0   | 53.5 73 | 44.8 76 M | I | 62 68   | 55.7 | 3.0                                          | 55.0 | 33 76  | 42.0 | 4.1  | 43.0 |        | JUN 21 |      |  |
| JUL 1                                 | 18  | 50.7 | 2.7  | 50.0   | 54.9 75 | 44.8 71   | I | 61 70   | 56.7 | 2.4                                          | 56.5 | 36 71  | 43.2 | 3.6  | 43.0 |        | JUL 1  |      |  |
| JUL 11                                | 18  | 52.7 | 2.5  | 52.0   | 58.6 75 | 48.3 62   | I | 67 75   | 59.7 | 3.0                                          | 59.0 | 41 63  | 46.3 | 3.3  | 45.5 |        | JUL 11 |      |  |
| JUL 21                                | 18  | 52.8 | 1.9  | 53.0   | 55.1 75 | 46.2 63   | I | 65 78   | 59.9 | 2.5                                          | 60.0 | 40 63  | 47.1 | 3.1  | 46.5 |        | JUL 21 |      |  |
| AUG 1                                 | 18  | 53.3 | 2.0  | 53.0   | 56.2 71 | 48.9 75   | I | 65 74   | 60.3 | 3.4                                          | 62.0 | 43 75  | 47.4 | 3.0  | 47.5 |        | AUG 1  |      |  |
| AUG 11                                | 17  | 52.1 | 1.9  | 52.0   | 55.4 72 | 48.2 74   | I | 64 69   | 58.7 | 2.8                                          | 58.0 | 41 76  | 46.3 | 3.1  | 46.0 |        | AUG 11 |      |  |
| AUG 21                                | 17  | 49.4 | 1.6  | 49.0   | 52.0 67 | 46.2 68   | I | 62 69   | 57.2 | 3.1                                          | 58.0 | 36 65  | 42.5 | 3.3  | 42.0 |        | AUG 21 |      |  |
| SEP 1                                 | 17  | 46.5 | 3.7  | 45.0   | 53.5 63 | 42.0 71   | I | 64 63   | 53.4 | 5.0                                          | 53.0 | 33 71  | 39.2 | 4.1  | 39.0 |        | SEP 1  |      |  |
| SEP 11                                | 16  | 43.1 | 4.1  | 43.5   | 50.2 66 | 36.9 70   | I | 60 63   | 51.1 | 4.5                                          | 51.0 | 25 65  | 35.4 | 5.5  | 35.0 |        | SEP 11 |      |  |
| SEP 21                                | 14  | 41.7 | 4.2  | 39.5   | 47.4 66 | 35.3 72   | I | 56 76   | 48.2 | 4.8                                          | 48.5 | 28 70  | 35.3 | 4.3  | 36.0 |        | SEP 21 |      |  |
| OCT 1                                 | 11  | 39.1 | 3.6  | 38.0   | 47.2 65 | 34.1 68   | I | 58 66   | 47.9 | 5.1                                          | 46.0 | 27 68  | 32.7 | 4.4  | 32.0 |        | OCT 1  |      |  |
| OCT 11                                | 8   | 35.3 | 4.7  | 35.0   | 42.5 65 | 28.5 69   | I | 58 63   | 47.0 | 6.9                                          | 46.0 | 23 69  | 28.4 | 4.5  | 28.0 |        | OCT 11 |      |  |
| MONTH                                 |     |      |      |        |         |           |   |         |      | MONTH                                        |      |        |      |      |      |        |        |      |  |
| MAY                                   | 8   | 40.7 | 0.6  | 40.0   | 41.2 77 | 39.5 68   | I | 53 69   | 50.6 | 1.7                                          | 50.5 | 28 73  | 31.4 | 2.2  | 32.0 |        | MAY    |      |  |
| JUN                                   | 13  | 47.8 | 1.4  | 48.0   | 50.4 77 | 46.0 76 M | I | 62 68   | 57.4 | 2.8                                          | 58.0 | 33 76  | 37.6 | 3.0  | 38.0 |        | JUN    |      |  |
| JUL                                   | 18  | 52.1 | 1.7  | 52.0   | 56.2 75 | 49.0 63   | I | 67 75   | 61.6 | 2.5                                          | 61.0 | 36 71  | 42.9 | 3.5  | 42.5 |        | JUL    |      |  |
| AUG                                   | 17  | 51.4 | 1.1  | 50.0   | 53.1 72 | 50.0 78 M | I | 65 74   | 61.4 | 2.3                                          | 62.0 | 36 65  | 41.9 | 2.9  | 42.0 |        | AUG    |      |  |
| SEP                                   | 14  | 43.7 | 3.2  | 42.5   | 49.0 65 | 38.8 71   | I | 64 63   | 54.4 | 4.4                                          | 53.0 | 25 65  | 32.9 | 4.1  | 34.0 |        | SEP    |      |  |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE                |         |      |           |        |                |               |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |        |          |           |            |             |  |
|------------------------------------------|---------|------|-----------|--------|----------------|---------------|---|--|--|----------------------------------------------|-----------|-----------|-------------|--------|----------|-----------|------------|-------------|--|
| STATION NUMBER 101032 RED RIVER RS       |         |      |           |        |                |               |   |  |  | 1951-1980                                    |           |           |             |        |          |           |            |             |  |
| 10-DAY AND MONTHLY PERIOD MEANS          |         |      |           |        |                |               |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |        |          |           |            |             |  |
| PRD. BEGINS                              | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR |   |  |  | HIGH.YR                                      | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |  |
| MAY 11                                   | 14      | 66.1 | 6.4       | 64.0   | 77.5 73        | 54.7 62       | I |  |  | 86 54                                        | 77.1      | 5.6       | 78.5        | 42 67  | 51.1     | 8.9       | 47.0       | MAY 11      |  |
| MAY 21                                   | 16      | 66.7 | 7.1       | 65.5   | 77.7 66 M      | 55.4 78       | I |  |  | 92 56                                        | 78.5      | 6.5       | 80.0        | 39 80  | 52.1     | 9.8       | 48.5       | MAY 21      |  |
| JUN 1                                    | 23      | 69.4 | 6.4       | 69.0   | 81.9 69 M      | 58.6 63       | I |  |  | 90 56                                        | 79.9      | 6.7       | 80.0        | 47 74  | 57.2     | 7.9       | 55.0       | JUN 1       |  |
| JUN 11                                   | 23      | 72.2 | 6.1       | 71.0   | 88.9 74        | 62.4 54       | I |  |  | 93 74                                        | 82.7      | 5.2       | 82.0        | 49 57  | 59.8     | 8.1       | 59.0       | JUN 11      |  |
| JUN 21                                   | 27      | 74.7 | 5.1       | 74.0   | 82.8 61        | 64.3 63       | I |  |  | 94 55                                        | 85.0      | 5.7       | 85.0        | 48 69  | 62.8     | 6.2       | 63.0       | JUN 21      |  |
| JUL 1                                    | 29      | 79.9 | 4.3       | 80.0   | 88.7 75        | 72.7 77       | I |  |  | 99 73                                        | 88.7      | 5.2       | 89.0        | 50 55  | 68.4     | 6.1       | 69.0       | JUL 1       |  |
| JUL 11                                   | 29      | 82.3 | 4.5       | 81.0   | 91.7 60        | 74.7 63       | I |  |  | 99 53                                        | 90.7      | 3.8       | 90.0        | 61 63  | 72.7     | 7.0       | 72.0       | JUL 11      |  |
| JUL 21                                   | 29      | 84.3 | 2.9       | 84.0   | 89.1 60        | 78.1 70       | I |  |  | 99 59                                        | 91.5      | 3.1       | 92.0        | 61 75  | 74.8     | 5.5       | 76.0       | JUL 21      |  |
| AUG 1                                    | 29      | 83.3 | 3.9       | 83.0   | 90.5 61        | 73.6 56       | I |  |  | 103 61                                       | 91.2      | 4.2       | 91.0        | 59 56  | 74.8     | 6.2       | 76.0       | AUG 1       |  |
| AUG 11                                   | 28      | 81.2 | 6.3       | 82.5   | 91.9 67        | 68.1 68       | I |  |  | 99 61                                        | 89.4      | 5.3       | 91.0        | 50 74  | 70.8     | 10.7      | 73.0       | AUG 11      |  |
| AUG 21                                   | 28      | 76.8 | 5.4       | 75.5   | 87.6 70        | 68.3 65       | I |  |  | 100 69                                       | 87.5      | 5.8       | 88.0        | 51 56  | 65.0     | 7.9       | 64.5       | AUG 21      |  |
| SEP 1                                    | 27      | 76.1 | 4.8       | 77.0   | 83.9 67        | 64.7 64       | I |  |  | 100 69                                       | 86.0      | 5.7       | 87.0        | 50 64  | 62.1     | 7.5       | 61.0       | SEP 1       |  |
| SEP 11                                   | 23      | 70.4 | 6.4       | 70.0   | 83.6 53        | 55.7 78       | I |  |  | 92 53                                        | 81.6      | 6.7       | 82.0        | 45 78  | 56.1     | 6.5       | 57.0       | SEP 11      |  |
| SEP 21                                   | 18      | 71.4 | 8.1       | 72.0   | 84.4 67 M      | 54.1 77 M     | I |  |  | 90 63                                        | 81.2      | 6.1       | 81.0        | 45 77  | 59.3     | 10.6      | 59.5       | SEP 21      |  |
| MONTH                                    |         |      |           |        |                |               |   |  |  | MONTH                                        |           |           |             |        |          |           |            |             |  |
| JUN                                      | 20      | 71.9 | 3.1       | 72.0   | 79.1 74 M      | 67.2 63       | I |  |  | 94 55                                        | 87.9      | 3.9       | 88.5        | 47 74  | 53.4     | 3.9       | 53.0       | JUN         |  |
| JUL                                      | 29      | 82.2 | 2.5       | 82.0   | 88.0 60        | 77.7 77       | I |  |  | 99 73                                        | 93.7      | 3.3       | 93.0        | 50 55  | 65.8     | 5.0       | 66.0       | JUL         |  |
| AUG                                      | 28      | 80.3 | 4.0       | 79.5   | 88.3 61        | 74.9 75 M     | I |  |  | 103 61                                       | 93.0      | 3.8       | 93.0        | 50 74  | 62.8     | 8.0       | 62.0       | AUG         |  |
| SEP                                      | 18      | 72.6 | 5.3       | 73.0   | 80.6 67 M      | 64.9 65 M     | I |  |  | 100 69                                       | 86.4      | 5.8       | 86.5        | 45 78  | 52.3     | 6.0       | 53.0       | SEP         |  |
| MINIMUM DAILY TEMPERATURE                |         |      |           |        |                |               |   |  |  | 1951-1980                                    |           |           |             |        |          |           |            |             |  |
| STATION NUMBER 101032 RED RIVER RS       |         |      |           |        |                |               |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |        |          |           |            |             |  |
| 10-DAY AND MONTHLY PERIOD MEANS          |         |      |           |        |                |               |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |        |          |           |            |             |  |
| PRD. BEGINS                              | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR |   |  |  | HIGH.YR                                      | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |  |
| MAY 11                                   | 14      | 32.0 | 4.1       | 32.5   | 39.1 57        | 24.5 66 M     | I |  |  | 51 76                                        | 39.5      | 5.1       | 39.5        | 15 65  | 24.1     | 4.7       | 24.5       | MAY 11      |  |
| MAY 21                                   | 16      | 34.2 | 2.5       | 33.5   | 40.1 56 M      | 30.5 54       | I |  |  | 49 63                                        | 42.3      | 3.6       | 42.0        | 20 66  | 27.3     | 4.6       | 28.0       | MAY 21      |  |
| JUN 1                                    | 23      | 37.2 | 3.0       | 37.0   | 43.7 69 M      | 31.9 55 M     | I |  |  | 60 77                                        | 44.4      | 3.7       | 44.0        | 23 65  | 29.5     | 3.5       | 30.0       | JUN 1       |  |
| JUN 11                                   | 23      | 38.9 | 2.7       | 38.0   | 44.6 74        | 34.0 52 M     | I |  |  | 57 59                                        | 47.0      | 3.1       | 47.0        | 24 52  | 31.3     | 3.6       | 32.0       | JUN 11      |  |
| JUN 21                                   | 27      | 39.4 | 3.3       | 39.0   | 45.9 70        | 33.8 51 M     | I |  |  | 57 72                                        | 48.2      | 4.5       | 48.0        | 25 66  | 31.6     | 3.3       | 31.0       | JUN 21      |  |
| JUL 1                                    | 30      | 40.0 | 3.3       | 39.0   | 48.0 75        | 34.2 66       | I |  |  | 60 80                                        | 48.0      | 4.8       | 46.5        | 25 66  | 32.7     | 4.0       | 32.0       | JUL 1       |  |
| JUL 11                                   | 30      | 41.7 | 3.0       | 40.5   | 51.3 75        | 36.2 62       | I |  |  | 60 75                                        | 50.0      | 4.3       | 49.5        | 28 62  | 34.7     | 3.3       | 35.0       | JUL 11      |  |
| JUL 21                                   | 30      | 41.1 | 3.4       | 41.0   | 46.2 56        | 33.5 66       | I |  |  | 58 79                                        | 50.2      | 4.9       | 51.5        | 26 66  | 33.7     | 3.6       | 34.0       | JUL 21      |  |
| AUG 1                                    | 30      | 40.2 | 3.3       | 40.0   | 47.5 71        | 34.4 54       | I |  |  | 58 78                                        | 48.6      | 4.4       | 49.0        | 28 56  | 33.9     | 3.5       | 33.0       | AUG 1       |  |
| AUG 11                                   | 30      | 39.2 | 3.2       | 38.5   | 47.0 79        | 33.5 66       | I |  |  | 55 79                                        | 47.2      | 4.7       | 48.0        | 23 66  | 32.7     | 3.6       | 32.5       | AUG 11      |  |
| AUG 21                                   | 30      | 37.6 | 2.8       | 37.5   | 43.3 79        | 33.0 55       | I |  |  | 54 66                                        | 46.2      | 4.4       | 46.0        | 23 66  | 29.8     | 3.2       | 30.0       | AUG 21      |  |
| SEP 1                                    | 29      | 34.6 | 3.6       | 34.0   | 45.6 78        | 28.2 62       | I |  |  | 56 78                                        | 43.2      | 4.9       | 43.0        | 19 64  | 26.5     | 3.6       | 27.0       | SEP 1       |  |
| SEP 11                                   | 24      | 32.7 | 4.2       | 32.5   | 41.6 80        | 24.4 71       | I |  |  | 52 51                                        | 42.1      | 5.3       | 42.0        | 13 65  | 25.0     | 4.6       | 26.0       | SEP 11      |  |
| SEP 21                                   | 18      | 31.9 | 3.2       | 31.5   | 38.9 76 M      | 26.9 74       | I |  |  | 46 69                                        | 39.5      | 4.6       | 41.0        | 18 64  | 24.7     | 4.2       | 24.0       | SEP 21      |  |
| MONTH                                    |         |      |           |        |                |               |   |  |  | MONTH                                        |           |           |             |        |          |           |            |             |  |
| JUN                                      | 20      | 38.6 | 2.0       | 38.0   | 42.7 58        | 36.1 60       | I |  |  | 60 77                                        | 50.1      | 3.2       | 49.5        | 23 65  | 28.4     | 2.7       | 29.0       | JUN         |  |
| JUL                                      | 30      | 41.0 | 2.5       | 40.0   | 48.1 75        | 35.3 66       | I |  |  | 60 80                                        | 53.4      | 3.4       | 54.0        | 25 66  | 31.1     | 3.1       | 31.0       | JUL         |  |
| AUG                                      | 30      | 39.0 | 2.4       | 38.0   | 44.4 78        | 35.0 66       | I |  |  | 58 78                                        | 51.2      | 3.4       | 51.5        | 23 66  | 29.3     | 2.9       | 30.0       | AUG         |  |
| SEP                                      | 18      | 33.2 | 2.9       | 32.0   | 38.8 78 M      | 28.8 65 M     | I |  |  | 56 78                                        | 46.0      | 4.3       | 44.0        | 13 65  | 22.4     | 3.6       | 22.5       | SEP         |  |
| MAXIMUM DAILY TEMPERATURE                |         |      |           |        |                |               |   |  |  | 1954-1980                                    |           |           |             |        |          |           |            |             |  |
| STATION NUMBER 101019 HELLS HALF ACRE LO |         |      |           |        |                |               |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |        |          |           |            |             |  |
| 10-DAY AND MONTHLY PERIOD MEANS          |         |      |           |        |                |               |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |        |          |           |            |             |  |
| PRD. BEGINS                              | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR |   |  |  | HIGH.YR                                      | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |  |
| JUL 1                                    | 18      | 66.9 | 4.6       | 68.0   | 74.0 75        | 59.8 78       | I |  |  | 85 73                                        | 73.9      | 4.1       | 75.0        | 45 78  | 57.8     | 6.9       | 59.5       | JUL 1       |  |
| JUL 11                                   | 26      | 70.4 | 4.3       | 70.0   | 80.4 60        | 62.0 80       | I |  |  | 86 60                                        | 77.7      | 3.4       | 78.0        | 46 72  | 61.7     | 6.9       | 61.5       | JUL 11      |  |
| JUL 21                                   | 26      | 72.2 | 3.1       | 72.0   | 78.0 60        | 65.6 77       | I |  |  | 85 60                                        | 78.8      | 3.1       | 79.0        | 46 72  | 63.1     | 6.9       | 65.0       | JUL 21      |  |
| AUG 1                                    | 27      | 71.3 | 4.5       | 72.0   | 78.4 61        | 62.1 76       | I |  |  | 86 61                                        | 78.3      | 4.2       | 79.0        | 49 76  | 62.6     | 6.6       | 63.0       | AUG 1       |  |
| AUG 11                                   | 26      | 70.2 | 5.9       | 71.5   | 79.3 67        | 58.0 78 M     | I |  |  | 84 61                                        | 77.0      | 4.5       | 78.0        | 42 78  | 60.1     | 9.6       | 62.5       | AUG 11      |  |
| AUG 21                                   | 24      | 65.5 | 7.2       | 64.0   | 76.9 71        | 53.6 65       | I |  |  | 86 69                                        | 75.4      | 6.0       | 77.0        | 37 60  | 53.0     | 10.7      | 51.0       | AUG 21      |  |
| MONTH                                    |         |      |           |        |                |               |   |  |  | MONTH                                        |           |           |             |        |          |           |            |             |  |
| JUL                                      | 20      | 70.2 | 3.1       | 70.0   | 76.3 60        | 64.8 77 M     | I |  |  | 86 60                                        | 80.1      | 3.1       | 80.0        | 45 78  | 55.2     | 5.8       | 55.5       | JUL         |  |
| AUG                                      | 24      | 68.9 | 5.0       | 67.5   | 77.2 71        | 61.0 75 M     | I |  |  | 86 69                                        | 80.0      | 3.6       | 80.0        | 37 60  | 52.5     | 10.2      | 50.0       | AUG         |  |
| MINIMUM DAILY TEMPERATURE                |         |      |           |        |                |               |   |  |  | 1954-1980                                    |           |           |             |        |          |           |            |             |  |
| STATION NUMBER 101019 HELLS HALF ACRE LO |         |      |           |        |                |               |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |        |          |           |            |             |  |
| 10-DAY AND MONTHLY PERIOD MEANS          |         |      |           |        |                |               |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |        |          |           |            |             |  |
| PRD. BEGINS                              | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR |   |  |  | HIGH.YR                                      | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |  |
| JUL 1                                    | 18      | 43.1 | 4.0       | 42.0   | 51.4 75        | 34.9 69       | I |  |  | 61 73                                        | 51.8      | 3.6       | 51.5        | 20 71  | 33.7     | 4.5       | 33.0       | JUL 1       |  |
| JUL 11                                   | 26      | 46.0 | 4.6       | 47.0   | 55.7 60        | 36.2 68       | I |  |  | 63 60                                        | 54.9      | 4.6       | 56.0        | 24 68  | 36.2     | 6.4       | 36.0       | JUL 11      |  |
| JUL 21                                   | 26      | 47.5 | 3.0       | 47.0   | 52.9 60        | 42.2 69       | I |  |  | 62 75                                        | 55.8      | 3.3       | 56.0        | 26 59  | 37.4     | 6.1       | 37.0       | JUL 21      |  |
| AUG 1                                    | 27      | 46.8 | 3.8       | 47.0   | 54.6 61        | 39.7 69       | I |  |  | 66 61                                        | 55.6      | 4.1       | 56.0        | 24 69  | 37.4     | 5.1       | 38.0       | AUG 1       |  |
| AUG 11                                   | 26      | 45.9 | 5.2       | 45.5   | 57.7 67        | 35.3 78 M     | I |  |  | 61 71                                        | 54.1      | 4.0       | 54.0        | 25 64  | 36.4     | 7.2       | 35.5       | AUG 11      |  |
| AUG 21                                   | 24      | 42.2 | 5.1       | 41.5   | 54.5 70        | 34.1 60       | I |  |  | 67 69                                        | 53.3      | 6.1       | 54.5        | 23 71  | 32.0     | 6.4       | 30.5       | AUG 21      |  |
| MONTH                                    |         |      |           |        |                |               |   |  |  | MONTH                                        |           |           |             |        |          |           |            |             |  |
| JUL                                      | 20      | 45.9 | 3.0       | 46.0   | 51.6 60        | 38.5 69       | I |  |  | 63 60                                        | 57.4      | 3.2       | 58.0        | 20 71  | 31.9     | 3.6       | 32.0       | JUL         |  |
| AUG                                      | 24      | 44.9 | 3.4       | 43.0   | 51.4 67        | 40.3 80 M     | I |  |  | 67 69                                        | 58.6      | 3.3       | 58.0        | 23 71  | 30.5     | 4.8       | 30.0       | AUG         |  |

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE         |         |      |           |        |                |               |   | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |        |          |               |             |        |
|-----------------------------------|---------|------|-----------|--------|----------------|---------------|---|----------------------------------------------|-----------|-----------|-------------|--------|----------|---------------|-------------|--------|
| STATION NUMBER 101801 BONANZA GS  |         |      |           |        |                |               |   | 1969-1983                                    |           |           |             |        |          |               |             |        |
| 10-DAY AND MONTHLY PERIOD MEANS   |         |      |           |        |                |               |   | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |        |          |               |             |        |
| PRD. BEGINS                       | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR | I | HIGH.YR                                      | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. LOW | PRD. BEGINS |        |
| JUN 11                            | 6       | 68.4 | 4.1       | 68.5   | 73.6 82 M      | 61.1 73       | I | 84 70                                        | 77.2      | 2.5       | 76.5        | 45 73  | 59.8     | 8.2           | 61.0        | JUN 11 |
| JUN 21                            | 12      | 72.7 | 6.6       | 74.0   | 79.1 79        | 55.1 69       | I | 89 79                                        | 80.3      | 4.7       | 80.0        | 44 69  | 61.7     | 10.0          | 66.0        | JUN 21 |
| JUL 1                             | 15      | 74.3 | 5.2       | 75.0   | 82.4 75        | 65.1 82 M     | I | 91 73                                        | 81.9      | 4.9       | 81.0        | 52 83  | 63.9     | 6.6           | 65.0        | JUL 1  |
| JUL 11                            | 15      | 77.8 | 2.6       | 78.0   | 82.7 79        | 72.1 83       | I | 91 79                                        | 84.7      | 3.9       | 85.0        | 56 83  | 68.4     | 4.6           | 69.0        | JUL 11 |
| JUL 21                            | 15      | 80.0 | 2.8       | 79.0   | 83.7 78        | 74.4 73       | I | 91 78                                        | 85.9      | 3.2       | 86.0        | 54 73  | 71.9     | 7.5           | 75.0        | JUL 21 |
| AUG 1                             | 15      | 80.4 | 5.1       | 81.0   | 88.6 83        | 70.4 76       | I | 94 83                                        | 86.1      | 4.1       | 87.0        | 59 74  | 72.8     | 7.1           | 74.0        | AUG 1  |
| AUG 11                            | 15      | 77.2 | 5.4       | 77.0   | 85.0 77        | 67.7 76       | I | 89 83                                        | 84.1      | 4.1       | 85.0        | 56 78  | 67.9     | 8.3           | 70.0        | AUG 11 |
| AUG 21                            | 14      | 75.5 | 5.0       | 75.0   | 83.4 70        | 67.3 75       | I | 89 70                                        | 82.8      | 4.2       | 82.0        | 52 75  | 65.4     | 7.3           | 67.0        | AUG 21 |
| SEP 1                             | 14      | 74.0 | 4.0       | 75.0   | 79.0 77        | 66.8 70       | I | 87 79                                        | 81.4      | 3.3       | 82.0        | 44 73  | 63.9     | 8.4           | 66.5        | SEP 1  |
| SEP 11                            | 13      | 67.9 | 7.2       | 69.0   | 79.4 81 M      | 53.5 78       | I | 85 79                                        | 77.4      | 5.3       | 78.0        | 41 78  | 54.8     | 8.1           | 53.0        | SEP 11 |
| SEP 21                            | 10      | 64.5 | 8.5       | 64.0   | 74.1 79        | 51.6 72       | I | 82 79                                        | 73.8      | 6.8       | 74.0        | 38 81  | 51.7     | 11.4          | 49.0        | SEP 21 |
| MONTH                             |         |      |           |        |                |               |   | MONTH                                        |           |           |             |        |          |               |             |        |
| JUL                               | 15      | 77.5 | 1.9       | 77.0   | 81.5 79        | 73.8 83       | I | 91 79                                        | 87.9      | 2.3       | 88.0        | 52 83  | 61.4     | 5.5           | 61.0        | JUL    |
| AUG                               | 14      | 77.6 | 3.8       | 77.0   | 83.0 70        | 71.2 75       | I | 94 83                                        | 86.9      | 3.5       | 87.5        | 52 75  | 63.0     | 7.7           | 62.0        | AUG    |
| SEP                               | 10      | 69.1 | 4.8       | 68.5   | 77.1 79        | 61.2 72       | I | 87 79                                        | 82.1      | 3.0       | 82.5        | 38 81  | 48.1     | 10.0          | 46.0        | SEP    |
| MINIMUM DAILY TEMPERATURE         |         |      |           |        |                |               |   | 1969-1983                                    |           |           |             |        |          |               |             |        |
| STATION NUMBER 101801 BONANZA GS  |         |      |           |        |                |               |   | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |        |          |               |             |        |
| PRD. BEGINS                       | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR | I | HIGH.YR                                      | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. LOW | PRD. BEGINS |        |
| JUN 11                            | 6       | 32.4 | 4.1       | 31.0   | 38.3 77        | 28.2 73       | I | 47 69                                        | 40.0      | 5.1       | 37.5        | 23 78  | 26.5     | 3.8           | 25.5        | JUN 11 |
| JUN 21                            | 12      | 35.4 | 2.3       | 35.0   | 39.6 73        | 32.1 78       | I | 49 73                                        | 41.8      | 3.8       | 42.5        | 25 71  | 28.8     | 2.7           | 28.5        | JUN 21 |
| JUL 1                             | 15      | 36.3 | 3.1       | 35.0   | 42.4 75        | 31.5 69       | I | 52 81                                        | 43.6      | 4.6       | 42.0        | 24 71  | 28.9     | 2.6           | 29.0        | JUL 1  |
| JUL 11                            | 15      | 37.2 | 2.9       | 37.0   | 43.5 75        | 32.3 82 M     | I | 54 73                                        | 45.9      | 5.1       | 45.0        | 27 82  | 30.7     | 2.7           | 30.0        | JUL 11 |
| JUL 21                            | 15      | 38.3 | 2.4       | 38.0   | 41.1 75        | 32.9 72       | I | 54 80                                        | 46.2      | 5.1       | 46.0        | 27 81  | 31.6     | 2.8           | 32.0        | JUL 21 |
| AUG 1                             | 15      | 36.8 | 3.9       | 36.0   | 46.2 83        | 32.0 82       | I | 54 83                                        | 44.5      | 4.7       | 44.0        | 25 69  | 30.8     | 3.8           | 31.0        | AUG 1  |
| AUG 11                            | 15      | 36.8 | 3.7       | 35.0   | 43.6 83        | 30.9 74       | I | 52 83                                        | 44.6      | 4.4       | 44.0        | 24 78  | 31.2     | 3.9           | 31.0        | AUG 11 |
| AUG 21                            | 14      | 34.6 | 2.4       | 34.5   | 38.8 72        | 30.0 78       | I | 47 76                                        | 42.6      | 3.2       | 43.0        | 21 76  | 27.6     | 3.7           | 27.5        | AUG 21 |
| SEP 1                             | 14      | 31.4 | 3.0       | 31.0   | 39.4 78        | 27.3 75       | I | 49 78                                        | 40.5      | 5.0       | 40.5        | 19 83  | 23.9     | 2.5           | 24.5        | SEP 1  |
| SEP 11                            | 13      | 28.9 | 3.8       | 29.0   | 35.3 76        | 21.3 71       | I | 42 83                                        | 37.5      | 4.7       | 38.0        | 14 71  | 21.1     | 4.5           | 22.0        | SEP 11 |
| SEP 21                            | 10      | 26.1 | 2.8       | 25.5   | 30.0 73        | 21.7 71       | I | 40 82                                        | 32.5      | 4.6       | 33.0        | 12 71  | 19.9     | 3.6           | 19.5        | SEP 21 |
| MONTH                             |         |      |           |        |                |               |   | MONTH                                        |           |           |             |        |          |               |             |        |
| JUL                               | 15      | 37.3 | 1.8       | 37.0   | 42.3 75        | 34.4 72       | I | 54 80                                        | 50.3      | 3.6       | 52.0        | 24 71  | 28.0     | 1.9           | 28.0        | JUL    |
| AUG                               | 14      | 36.1 | 2.6       | 35.0   | 42.0 83        | 32.7 80       | I | 54 83                                        | 47.6      | 3.4       | 46.0        | 21 76  | 26.9     | 3.4           | 26.5        | AUG    |
| SEP                               | 10      | 28.9 | 2.3       | 29.0   | 32.1 73 M      | 24.1 71       | I | 49 78                                        | 41.0      | 4.0       | 41.0        | 12 71  | 18.8     | 3.6           | 19.5        | SEP    |
| MAXIMUM DAILY TEMPERATURE         |         |      |           |        |                |               |   | 1968-1981                                    |           |           |             |        |          |               |             |        |
| STATION NUMBER 101207 LANDMARK RS |         |      |           |        |                |               |   | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |        |          |               |             |        |
| PRD. BEGINS                       | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR | I | HIGH.YR                                      | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. LOW | PRD. BEGINS |        |
| JUN 21                            | 7       | 71.4 | 4.3       | 73.0   | 76.0 79 M      | 65.8 76       | I | 84 70                                        | 80.3      | 3.6       | 82.0        | 47 70  | 61.1     | 5.3           | 64.0        | JUN 21 |
| JUL 1                             | 11      | 74.2 | 5.0       | 75.0   | 81.3 68        | 64.0 78 M     | I | 89 73                                        | 81.2      | 5.1       | 81.0        | 52 78  | 63.5     | 4.8           | 65.0        | JUL 1  |
| JUL 11                            | 14      | 76.3 | 3.0       | 75.5   | 81.4 73        | 72.6 72       | I | 90 79                                        | 83.5      | 4.1       | 83.0        | 56 74  | 66.1     | 5.7           | 65.5        | JUL 11 |
| JUL 21                            | 14      | 78.9 | 2.9       | 79.0   | 83.0 80        | 73.6 81       | I | 90 80                                        | 85.4      | 3.1       | 85.5        | 59 72  | 71.1     | 6.2           | 71.5        | JUL 21 |
| AUG 1                             | 14      | 78.8 | 4.4       | 79.5   | 84.3 71        | 69.4 76       | I | 91 77                                        | 84.7      | 3.5       | 85.0        | 58 74  | 71.6     | 7.0           | 72.0        | AUG 1  |
| AUG 11                            | 14      | 74.3 | 7.3       | 74.5   | 83.5 77        | 60.0 68       | I | 89 77                                        | 82.1      | 4.5       | 84.0        | 44 68  | 65.0     | 11.1          | 67.0        | AUG 11 |
| AUG 21                            | 14      | 72.4 | 6.3       | 71.5   | 81.5 70        | 62.8 77       | I | 91 69                                        | 81.1      | 4.9       | 80.5        | 48 77  | 61.3     | 9.3           | 60.5        | AUG 21 |
| SEP 1                             | 14      | 71.0 | 3.1       | 71.5   | 76.1 69        | 64.8 70       | I | 84 69                                        | 79.1      | 2.7       | 79.0        | 50 73  | 59.3     | 5.7           | 59.5        | SEP 1  |
| SEP 11                            | 14      | 64.8 | 6.4       | 63.5   | 77.2 81 M      | 50.6 78 M     | I | 84 81                                        | 74.1      | 6.5       | 75.5        | 38 78  | 51.6     | 6.5           | 52.5        | SEP 11 |
| SEP 21                            | 8       | 61.2 | 8.6       | 61.5   | 70.7 74        | 50.5 77       | I | 78 79                                        | 70.6      | 5.4       | 71.0        | 37 81  | 51.1     | 11.1          | 51.5        | SEP 21 |
| OCT 1                             | 6       | 62.8 | 6.5       | 62.0   | 72.3 79        | 53.8 73 M     | I | 77 79                                        | 71.7      | 3.9       | 71.0        | 37 75  | 48.5     | 11.4          | 45.5        | OCT 1  |
| MONTH                             |         |      |           |        |                |               |   | MONTH                                        |           |           |             |        |          |               |             |        |
| JUL                               | 12      | 76.6 | 1.7       | 76.5   | 78.7 68        | 73.8 77       | I | 90 80                                        | 86.9      | 2.2       | 87.0        | 52 78  | 61.3     | 4.4           | 64.0        | JUL    |
| AUG                               | 14      | 75.1 | 4.6       | 74.5   | 82.2 71        | 68.0 68       | I | 91 77                                        | 85.5      | 3.3       | 85.0        | 44 68  | 58.6     | 9.9           | 56.5        | AUG    |
| SEP                               | 8       | 66.1 | 4.5       | 65.5   | 71.8 79 M      | 60.1 72       | I | 84 81                                        | 79.0      | 2.1       | 78.5        | 37 81  | 48.5     | 8.6           | 48.5        | SEP    |
| MINIMUM DAILY TEMPERATURE         |         |      |           |        |                |               |   | 1968-1981                                    |           |           |             |        |          |               |             |        |
| STATION NUMBER 101207 LANDMARK RS |         |      |           |        |                |               |   | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |        |          |               |             |        |
| PRD. BEGINS                       | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR | I | HIGH.YR                                      | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. LOW | PRD. BEGINS |        |
| JUN 21                            | 7       | 31.5 | 3.2       | 31.0   | 36.8 73        | 26.3 76       | I | 48 73                                        | 42.3      | 4.9       | 43.0        | 17 76  | 24.1     | 3.4           | 25.0        | JUN 21 |
| JUL 1                             | 11      | 32.6 | 2.9       | 31.0   | 36.3 80        | 27.3 73       | I | 50 70                                        | 42.2      | 5.1       | 41.0        | 19 73  | 24.6     | 3.3           | 24.0        | JUL 1  |
| JUL 11                            | 14      | 32.8 | 2.9       | 32.5   | 38.1 75        | 28.0 81       | I | 51 76                                        | 41.7      | 5.7       | 41.0        | 19 73  | 26.4     | 3.1           | 26.5        | JUL 11 |
| JUL 21                            | 14      | 32.8 | 2.6       | 32.5   | 36.0 77        | 26.3 81       | I | 51 79                                        | 43.9      | 6.3       | 45.0        | 22 70  | 26.9     | 2.4           | 27.0        | JUL 21 |
| AUG 1                             | 14      | 30.9 | 3.7       | 30.5   | 37.3 71        | 25.0 69       | I | 52 76                                        | 42.6      | 7.0       | 44.5        | 19 69  | 24.7     | 2.8           | 25.0        | AUG 1  |
| AUG 11                            | 14      | 31.5 | 3.4       | 30.0   | 38.7 79        | 26.2 70       | I | 48 79                                        | 40.6      | 4.4       | 40.5        | 22 70  | 25.8     | 2.4           | 26.0        | AUG 11 |
| AUG 21                            | 14      | 29.1 | 2.5       | 28.5   | 34.1 79        | 25.0 81 M     | I | 44 69                                        | 38.4      | 3.8       | 38.5        | 15 69  | 22.3     | 3.9           | 22.5        | AUG 21 |
| SEP 1                             | 14      | 26.6 | 4.0       | 25.0   | 35.7 78        | 21.8 81       | I | 50 78                                        | 36.0      | 7.8       | 34.5        | 11 69  | 18.8     | 3.1           | 19.0        | SEP 1  |
| SEP 11                            | 14      | 25.3 | 5.5       | 26.0   | 34.3 68 M      | 15.3 71       | I | 48 68                                        | 36.2      | 7.2       | 39.0        | 6 71   | 16.5     | 4.9           | 16.0        | SEP 11 |
| SEP 21                            | 8       | 23.1 | 5.4       | 21.5   | 31.0 76 M      | 16.6 75       | I | 44 76                                        | 30.9      | 7.7       | 32.0        | 7 81   | 16.4     | 5.4           | 15.5        | SEP 21 |
| OCT 1                             | 6       | 18.7 | 4.5       | 19.0   | 25.7 75        | 13.5 73 M     | I | 40 75                                        | 28.2      | 6.4       | 26.5        | 2 74   | 11.2     | 5.3           | 13.5        | OCT 1  |
| MONTH                             |         |      |           |        |                |               |   | MONTH                                        |           |           |             |        |          |               |             |        |
| JUL                               | 12      | 32.4 | 1.5       | 31.5   | 34.8 76        | 29.7 81 M     | I | 51 79                                        | 47.9      | 2.4       | 48.0        | 19 73  | 23.6     | 2.3           | 23.5        | JUL    |
| AUG                               | 14      | 30.5 | 2.2       | 30.0   | 33.5 79        | 26.5 69       | I | 52 76                                        | 45.6      | 3.8       | 46.0        | 15 69  | 21.5     | 3.3           | 22.0        | AUG    |
| SEP                               | 8       | 24.3 | 3.2       | 23.5   | 29.2 76 M      | 20.6 71       | I | 50 78                                        | 37.9      | 4.8       | 38.5        | 6 71   | 13.6     | 3.7           | 14.0        | SEP    |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE          |     |      |      |        |           |             |             |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |         |          |           |            |        |    |
|------------------------------------|-----|------|------|--------|-----------|-------------|-------------|--|--|----------------------------------------------|-----------|-----------|-------------|---------|----------|-----------|------------|--------|----|
| STATION NUMBER 101303 INDIANOLA RS |     |      |      |        |           |             |             |  |  | 1968-1983                                    |           |           |             |         |          |           |            |        |    |
| 10-DAY AND MONTHLY PERIOD MEANS    |     |      |      |        |           |             |             |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |         |          |           |            |        |    |
| PRD.                               | NO. |      | STD. |        | HIGHEST   | LOWEST      |             |  |  | HIGH, YR                                     | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW, YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD.   |    |
| BEGINS                             | YRS | MEAN | DEV. | MEDIAN | AVG, YR   | AVG, YR     |             |  |  |                                              |           |           |             |         |          |           |            | BEGINS |    |
| MAY                                | 1   | 15   | 67.9 | 5.3    | 67.0      | 76.0 69 M   | 58.7 75 I   |  |  | 83 69                                        | 76.5      | 4.6       | 77.0        | 47 75   | 57.7     | 6.5       | 60.0       | MAY    | 1  |
| MAY                                | 11  | 15   | 70.3 | 7.0    | 70.0      | 83.0 73     | 59.3 74 I   |  |  | 91 73                                        | 81.6      | 7.2       | 85.0        | 50 83   | 57.9     | 7.5       | 55.0       | MAY    | 11 |
| MAY                                | 21  | 15   | 72.1 | 4.4    | 72.0      | 79.7 69     | 65.6 78 I   |  |  | 93 72                                        | 84.3      | 4.8       | 85.0        | 48 80   | 58.1     | 5.3       | 58.0       | MAY    | 21 |
| JUN                                | 1   | 15   | 78.8 | 6.2    | 78.0      | 87.1 69     | 68.2 82 I   |  |  | 99 77                                        | 88.3      | 6.0       | 90.0        | 59 80   | 67.5     | 7.8       | 67.0       | JUN    | 1  |
| JUN                                | 11  | 16   | 79.0 | 6.5    | 78.0      | 97.2 74     | 69.2 81 I   |  |  | 102 74                                       | 89.8      | 5.7       | 89.5        | 56 73   | 67.5     | 8.0       | 65.5       | JUN    | 11 |
| JUN                                | 21  | 16   | 83.6 | 6.1    | 84.5      | 91.5 74     | 68.3 69 I   |  |  | 101 74                                       | 93.8      | 5.1       | 94.5        | 58 69   | 71.6     | 6.9       | 72.5       | JUN    | 21 |
| JUL                                | 1   | 15   | 87.6 | 5.3    | 88.0      | 94.0 75     | 79.1 78 I   |  |  | 103 81                                       | 95.4      | 4.8       | 96.0        | 59 83   | 75.8     | 7.4       | 78.0       | JUL    | 1  |
| JUL                                | 11  | 16   | 90.3 | 3.5    | 90.0      | 97.4 73     | 82.4 83 I   |  |  | 104 79                                       | 98.6      | 3.2       | 98.5        | 63 72   | 80.8     | 7.7       | 81.5       | JUL    | 11 |
| JUL                                | 21  | 16   | 92.9 | 3.0    | 92.5      | 97.7 80     | 87.8 70 I   |  |  | 103 72                                       | 99.5      | 2.3       | 99.5        | 68 72   | 83.7     | 7.1       | 84.5       | JUL    | 21 |
| AUG                                | 1   | 16   | 92.4 | 4.0    | 93.0      | 98.2 79     | 83.8 76 I   |  |  | 103 83                                       | 99.8      | 3.0       | 100.0       | 72 76   | 83.7     | 6.3       | 85.0       | AUG    | 1  |
| AUG                                | 11  | 16   | 89.1 | 6.8    | 88.5      | 97.3 81     | 75.6 68 I   |  |  | 102 81                                       | 97.3      | 3.6       | 97.5        | 62 78   | 78.2     | 10.6      | 80.5       | AUG    | 11 |
| AUG                                | 21  | 16   | 87.0 | 6.4    | 85.0      | 96.5 81     | 76.1 75 I   |  |  | 105 69                                       | 95.9      | 5.4       | 96.0        | 63 75   | 74.9     | 8.0       | 74.0       | AUG    | 21 |
| SEP                                | 1   | 16   | 83.9 | 4.1    | 83.5      | 89.4 69     | 75.5 70 I   |  |  | 99 81                                        | 93.9      | 3.0       | 94.0        | 58 70   | 70.0     | 7.6       | 70.0       | SEP    | 1  |
| SEP                                | 11  | 16   | 76.4 | 6.3    | 75.5      | 92.0 81     | 67.3 78 I   |  |  | 99 69                                        | 88.9      | 6.0       | 88.0        | 53 83   | 60.9     | 5.9       | 62.0       | SEP    | 11 |
| SEP                                | 21  | 16   | 71.7 | 6.6    | 69.5      | 84.8 79     | 63.6 77 I   |  |  | 92 79                                        | 80.0      | 5.7       | 80.0        | 48 68   | 61.1     | 9.5       | 58.5       | SEP    | 21 |
| OCT                                | 1   | 13   | 68.0 | 6.5    | 67.0      | 78.4 79     | 55.9 82 I   |  |  | 84 79                                        | 77.1      | 6.7       | 79.0        | 50 82   | 58.2     | 8.1       | 55.0       | OCT    | 1  |
| OCT                                | 11  | 9    | 62.8 | 6.4    | 63.0      | 72.6 79 M   | 51.9 69 I   |  |  | 80 79                                        | 70.7      | 5.7       | 72.0        | 44 69   | 54.3     | 6.6       | 56.0       | OCT    | 11 |
| OCT                                | 21  | 9    | 56.3 | 4.4    | 58.0      | 61.0 73 M   | 48.7 70 M I |  |  | 74 73                                        | 64.9      | 5.2       | 65.0        | 33 71   | 47.3     | 6.2       | 49.0       | OCT    | 21 |
| MONTH                              |     |      |      |        |           |             |             |  |  | MONTH                                        |           |           |             |         |          |           |            |        |    |
| MAY                                | 13  | 70.6 | 4.3  | 71.0   | 78.4 69 M | 64.4 78 I   |             |  |  | 93 72                                        | 86.6      | 3.4       | 86.0        | 47 75   | 54.4     | 4.8       | 53.0       | MAY    |    |
| JUN                                | 15  | 80.3 | 3.5  | 80.0   | 87.9 74   | 76.0 81 I   |             |  |  | 102 74                                       | 95.0      | 4.1       | 95.0        | 56 73   | 62.2     | 4.3       | 61.0       | JUN    |    |
| JUL                                | 15  | 90.4 | 2.5  | 90.0   | 93.7 68   | 84.2 83 M I |             |  |  | 104 79                                       | 101.1     | 2.0       | 100.0       | 59 83   | 73.5     | 7.2       | 77.0       | JUL    |    |
| AUG                                | 16  | 89.4 | 4.6  | 89.0   | 96.4 81   | 82.3 68 I   |             |  |  | 105 69                                       | 100.7     | 2.8       | 100.0       | 62 78   | 73.0     | 8.7       | 72.0       | AUG    |    |
| SEP                                | 16  | 77.4 | 4.0  | 76.0   | 86.1 79   | 70.8 70 I   |             |  |  | 99 81                                        | 94.3      | 3.3       | 94.5        | 48 68   | 57.3     | 7.0       | 55.5       | SEP    |    |
| OCT                                | 8   | 61.7 | 3.3  | 61.5   | 66.2 74 M | 57.4 69 M I |             |  |  | 84 79                                        | 78.0      | 5.0       | 77.5        | 33 71   | 48.1     | 3.6       | 48.0       | OCT    |    |
| MINIMUM DAILY TEMPERATURE          |     |      |      |        |           |             |             |  |  | 1968-1983                                    |           |           |             |         |          |           |            |        |    |
| STATION NUMBER 101303 INDIANOLA RS |     |      |      |        |           |             |             |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |         |          |           |            |        |    |
| 10-DAY AND MONTHLY PERIOD MEANS    |     |      |      |        |           |             |             |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |         |          |           |            |        |    |
| PRD.                               | NO. |      | STD. |        | HIGHEST   | LOWEST      |             |  |  | HIGH, YR                                     | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW, YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD.   |    |
| BEGINS                             | YRS | MEAN | DEV. | MEDIAN | AVG, YR   | AVG, YR     |             |  |  |                                              |           |           |             |         |          |           |            | BEGINS |    |
| MAY                                | 1   | 15   | 35.8 | 2.2    | 35.0      | 39.6 71     | 31.7 69 M I |  |  | 48 80                                        | 43.3      | 3.1       | 43.0        | 23 82   | 28.5     | 2.5       | 28.0       | MAY    | 1  |
| MAY                                | 11  | 15   | 37.7 | 2.7    | 38.0      | 41.5 73     | 31.6 74 I   |  |  | 52 73                                        | 45.1      | 3.7       | 46.0        | 24 74   | 30.4     | 3.3       | 31.0       | MAY    | 11 |
| MAY                                | 21  | 15   | 40.3 | 2.0    | 39.0      | 45.7 81     | 37.4 75 I   |  |  | 53 79                                        | 49.2      | 3.2       | 50.0        | 27 75   | 31.5     | 3.0       | 32.0       | MAY    | 21 |
| JUN                                | 1   | 15   | 44.0 | 3.5    | 43.0      | 50.2 72     | 39.1 74 I   |  |  | 57 77                                        | 51.7      | 4.2       | 52.0        | 30 73   | 36.0     | 3.8       | 36.0       | JUN    | 1  |
| JUN                                | 11  | 16   | 44.9 | 2.1    | 44.5      | 49.5 74     | 40.3 78 I   |  |  | 57 79                                        | 52.1      | 2.8       | 52.0        | 31 73   | 37.1     | 2.9       | 37.0       | JUN    | 11 |
| JUN                                | 21  | 16   | 47.4 | 3.4    | 46.5      | 53.2 73     | 41.7 75 I   |  |  | 62 70                                        | 54.8      | 4.5       | 55.5        | 32 75   | 39.5     | 4.2       | 39.0       | JUN    | 21 |
| JUL                                | 1   | 15   | 49.1 | 2.8    | 49.0      | 54.1 75     | 43.7 71 I   |  |  | 62 81                                        | 57.1      | 3.2       | 57.0        | 31 71   | 41.6     | 4.5       | 41.0       | JUL    | 1  |
| JUL                                | 11  | 16   | 50.1 | 2.3    | 49.0      | 55.4 75     | 46.4 80 M I |  |  | 61 75                                        | 56.8      | 2.8       | 56.0        | 37 83   | 43.7     | 3.6       | 43.0       | JUL    | 11 |
| JUL                                | 21  | 16   | 51.7 | 1.7    | 51.0      | 54.6 80     | 48.8 81 I   |  |  | 66 69                                        | 59.1      | 4.2       | 59.0        | 42 76   | 45.5     | 2.8       | 45.0       | JUL    | 21 |
| AUG                                | 1   | 16   | 51.0 | 2.2    | 50.0      | 55.4 83     | 47.9 75 I   |  |  | 66 74                                        | 59.2      | 3.4       | 59.0        | 36 70   | 44.4     | 3.7       | 45.0       | AUG    | 1  |
| AUG                                | 11  | 16   | 49.7 | 2.3    | 49.0      | 54.6 83     | 45.6 78 I   |  |  | 61 83                                        | 56.1      | 2.8       | 56.0        | 37 78   | 43.3     | 4.3       | 44.0       | AUG    | 11 |
| AUG                                | 21  | 16   | 47.2 | 2.0    | 46.0      | 50.1 81     | 43.4 68 I   |  |  | 63 69                                        | 54.3      | 3.5       | 53.5        | 36 76   | 40.1     | 3.5       | 39.0       | AUG    | 21 |
| SEP                                | 1   | 16   | 44.1 | 2.2    | 43.5      | 49.9 78     | 41.3 76 I   |  |  | 60 78                                        | 52.3      | 3.1       | 52.0        | 30 76   | 35.5     | 3.1       | 35.0       | SEP    | 1  |
| SEP                                | 11  | 16   | 40.7 | 3.5    | 40.5      | 47.1 80     | 34.7 70 I   |  |  | 56 80                                        | 49.0      | 3.4       | 49.5        | 26 71   | 32.2     | 4.7       | 31.0       | SEP    | 11 |
| SEP                                | 21  | 16   | 37.3 | 3.3    | 36.0      | 42.3 79     | 31.4 72 I   |  |  | 52 76                                        | 44.6      | 3.8       | 45.0        | 25 70   | 30.9     | 4.1       | 30.0       | SEP    | 21 |
| OCT                                | 1   | 13   | 33.8 | 2.4    | 34.0      | 38.9 75     | 30.6 73 I   |  |  | 53 75                                        | 42.7      | 4.0       | 41.0        | 21 74   | 26.4     | 3.4       | 26.0       | OCT    | 1  |
| OCT                                | 11  | 9    | 32.7 | 4.8    | 34.0      | 38.7 79 M   | 22.9 69 I   |  |  | 50 68                                        | 43.1      | 5.4       | 43.0        | 14 69   | 25.2     | 5.8       | 24.0       | OCT    | 11 |
| OCT                                | 21  | 9    | 30.1 | 2.2    | 29.0      | 34.6 82 M   | 28.0 72 M I |  |  | 46 71                                        | 38.9      | 3.8       | 40.0        | 4 71    | 21.3     | 7.7       | 24.0       | OCT    | 21 |
| MONTH                              |     |      |      |        |           |             |             |  |  | MONTH                                        |           |           |             |         |          |           |            |        |    |
| MAY                                | 13  | 38.3 | 1.4  | 38.0   | 41.4 81 M | 35.8 74 I   |             |  |  | 53 79                                        | 49.8      | 2.6       | 50.0        | 23 82   | 27.2     | 2.1       | 28.0       | MAY    |    |
| JUN                                | 15  | 45.4 | 1.7  | 45.0   | 47.6 77   | 42.2 75 I   |             |  |  | 62 70                                        | 56.1      | 3.4       | 57.0        | 30 73   | 34.5     | 2.1       | 35.0       | JUN    |    |
| JUL                                | 15  | 50.3 | 1.6  | 50.0   | 54.6 75   | 48.0 77 I   |             |  |  | 66 69                                        | 61.1      | 2.8       | 62.0        | 31 71   | 40.4     | 4.0       | 40.0       | JUL    |    |
| AUG                                | 16  | 49.2 | 1.6  | 48.0   | 52.9 83   | 46.9 78 I   |             |  |  | 66 74                                        | 59.9      | 3.2       | 59.5        | 36 76   | 39.4     | 3.1       | 38.5       | AUG    |    |
| SEP                                | 16  | 40.8 | 1.9  | 41.0   | 43.1 80   | 37.2 71 I   |             |  |  | 60 78                                        | 52.8      | 2.6       | 52.0        | 25 70   | 29.3     | 2.7       | 30.0       | SEP    |    |
| OCT                                | 8   | 31.8 | 1.5  | 32.0   | 33.6 82 M | 28.7 69 I   |             |  |  | 53 75                                        | 45.0      | 2.8       | 45.0        | 4 71    | 20.0     | 3.6       | 21.0       | OCT    |    |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE        |     |      |      |        |           |           |           |   |        | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |      |        |       |      |      |        |        |  |
|----------------------------------|-----|------|------|--------|-----------|-----------|-----------|---|--------|----------------------------------------------|------|------|--------|-------|------|------|--------|--------|--|
| STATION NUMBER 101206 KRASSEL RS |     |      |      |        |           |           |           |   |        | 1968-1983                                    |      |      |        |       |      |      |        |        |  |
| 10-DAY AND MONTHLY PERIOD MEANS  |     |      |      |        |           |           |           |   |        | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |      |        |       |      |      |        |        |  |
| PRD.                             | NO. | MEAN | STD. | MEDIAN | HIGHEST   | LOWEST    |           |   |        | HIGH.                                        | AVG. | STD. | MEDIAN | LOW.  | AVG. | STD. | MEDIAN | PRD.   |  |
| BEGINS                           | YRS |      | DEV. |        | AVG.YR    | AVG.YR    |           |   |        | YR                                           | HIGH | DEV. | HIGH   | YR    | LOW  | DEV. | LOW    | BEGINS |  |
| MAY                              | 1   | 6    | 63.8 | 6.1    | 62.0      | 71.0 76 M | 57.8 75   | I |        | 80 80                                        | 75.8 | 3.5  | 76.5   | 46 77 | 52.2 | 6.4  | 51.5   | MAY 1  |  |
| MAY                              | 11  | 7    | 71.2 | 7.8    | 72.0      | 83.9 73   | 62.1 78 M | I |        | 89 73                                        | 81.7 | 4.8  | 81.0   | 48 77 | 57.1 | 7.6  | 55.0   | MAY 11 |  |
| MAY                              | 21  | 7    | 68.7 | 5.9    | 67.0      | 75.4 79   | 61.9 78 M | I |        | 86 80                                        | 82.1 | 4.5  | 84.0   | 46 80 | 55.0 | 6.4  | 57.0   | MAY 21 |  |
| JUN                              | 1   | 10   | 76.0 | 5.2    | 76.0      | 85.3 77   | 69.3 71   | I |        | 98 77                                        | 85.1 | 6.5  | 84.5   | 58 79 | 63.8 | 5.0  | 62.5   | JUN 1  |  |
| JUN                              | 11  | 10   | 76.4 | 4.7    | 76.0      | 82.1 68   | 66.9 76 M | I |        | 93 68                                        | 85.5 | 4.5  | 86.0   | 52 79 | 64.0 | 8.5  | 66.0   | JUN 11 |  |
| JUN                              | 21  | 12   | 80.8 | 6.3    | 80.0      | 88.0 70   | 64.5 69   | I |        | 98 70                                        | 90.3 | 5.8  | 92.5   | 55 69 | 68.1 | 7.1  | 70.0   | JUN 21 |  |
| JUL                              | 1   | 14   | 85.3 | 6.5    | 84.5      | 96.1 68   | 75.9 83   | I |        | 102 73                                       | 93.2 | 5.2  | 93.0   | 60 83 | 74.1 | 7.2  | 74.5   | JUL 1  |  |
| JUL                              | 11  | 16   | 87.3 | 4.1    | 87.0      | 94.9 73   | 79.2 83   | I |        | 103 73                                       | 94.8 | 5.0  | 95.0   | 64 83 | 76.4 | 7.2  | 77.5   | JUL 11 |  |
| JUL                              | 21  | 16   | 90.5 | 3.1    | 89.5      | 95.5 68   | 85.8 83   | I |        | 103 75                                       | 96.8 | 3.6  | 97.5   | 72 72 | 82.9 | 5.2  | 82.5   | JUL 21 |  |
| AUG                              | 1   | 16   | 90.7 | 4.1    | 91.5      | 96.3 71   | 81.4 76   | I |        | 103 83                                       | 96.7 | 4.2  | 97.5   | 70 76 | 84.0 | 5.9  | 85.5   | AUG 1  |  |
| AUG                              | 11  | 16   | 86.5 | 7.5    | 86.0      | 96.4 71   | 71.6 68   | I |        | 100 77                                       | 93.7 | 4.5  | 93.5   | 54 68 | 76.9 | 11.9 | 80.0   | AUG 11 |  |
| AUG                              | 21  | 16   | 83.8 | 6.8    | 82.5      | 94.1 70   | 73.0 77   | I |        | 103 69                                       | 92.3 | 6.0  | 92.5   | 59 77 | 72.9 | 8.5  | 71.0   | AUG 21 |  |
| SEP                              | 1   | 16   | 81.5 | 3.4    | 81.5      | 87.2 69   | 75.5 70   | I |        | 97 73                                        | 90.9 | 3.4  | 91.0   | 57 70 | 68.8 | 6.8  | 67.5   | SEP 1  |  |
| SEP                              | 11  | 15   | 74.1 | 7.3    | 73.0      | 88.3 81 M | 59.2 78 M | I |        | 95 81                                        | 84.7 | 6.9  | 85.0   | 43 78 | 60.1 | 8.0  | 60.0   | SEP 11 |  |
| SEP                              | 21  | 12   | 70.9 | 6.3    | 69.0      | 81.4 74 M | 62.4 81   | I |        | 87 74                                        | 80.5 | 3.9  | 81.0   | 44 68 | 61.5 | 8.7  | 62.0   | SEP 21 |  |
| OCT                              | 1   | 6    | 69.8 | 8.3    | 68.5      | 80.0 79   | 58.4 81 M | I |        | 84 79                                        | 79.7 | 4.2  | 81.0   | 45 81 | 58.5 | 12.5 | 56.0   | OCT 1  |  |
| MONTH                            |     |      |      |        |           |           |           |   |        | MONTH                                        |      |      |        |       |      |      |        |        |  |
| MAY                              | 6   | 68.9 | 4.8  | 67.5   | 74.5 73   | 62.6 77 M | I         |   | 89 73  | 85.7                                         | 1.8  | 85.0 | 46 80  | 50.7  | 6.6  | 47.0 | MAY    |        |  |
| JUN                              | 7   | 77.5 | 3.5  | 78.0   | 83.3 77   | 73.0 76 M | I         |   | 98 77  | 93.6                                         | 3.8  | 94.0 | 52 79  | 58.4  | 5.4  | 58.0 | JUN    |        |  |
| JUL                              | 15  | 88.0 | 3.5  | 88.0   | 92.9 68   | 80.5 83   | I         |   | 103 75 | 98.5                                         | 3.4  | 99.0 | 60 83  | 71.1  | 5.5  | 70.0 | JUL    |        |  |
| AUG                              | 16  | 86.9 | 4.9  | 85.5   | 95.0 71   | 80.9 68   | I         |   | 103 83 | 97.9                                         | 3.4  | 98.0 | 54 68  | 70.7  | 9.7  | 69.0 | AUG    |        |  |
| SEP                              | 12  | 75.8 | 3.7  | 75.0   | 82.1 74 M | 70.2 70   | I         |   | 97 73  | 90.9                                         | 3.8  | 91.0 | 43 78  | 58.1  | 7.6  | 56.0 | SEP    |        |  |
| MINIMUM DAILY TEMPERATURE        |     |      |      |        |           |           |           |   |        | 1968-1983                                    |      |      |        |       |      |      |        |        |  |
| STATION NUMBER 101206 KRASSEL RS |     |      |      |        |           |           |           |   |        | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |      |        |       |      |      |        |        |  |
| 10-DAY AND MONTHLY PERIOD MEANS  |     |      |      |        |           |           |           |   |        | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |      |        |       |      |      |        |        |  |
| PRD.                             | NO. | MEAN | STD. | MEDIAN | HIGHEST   | LOWEST    |           |   |        | HIGH.                                        | AVG. | STD. | MEDIAN | LOW.  | AVG. | STD. | MEDIAN | PRD.   |  |
| BEGINS                           | YRS |      | DEV. |        | AVG.YR    | AVG.YR    |           |   |        | YR                                           | HIGH | DEV. | HIGH   | YR    | LOW  | DEV. | LOW    | BEGINS |  |
| MAY                              | 1   | 6    | 37.0 | 2.9    | 37.0      | 40.7 80   | 32.9 73   | I |        | 48 80                                        | 45.0 | 3.1  | 45.5   | 24 73 | 28.5 | 3.7  | 28.5   | MAY 1  |  |
| MAY                              | 11  | 7    | 35.5 | 1.5    | 35.0      | 37.9 78 M | 33.2 79   | I |        | 48 76                                        | 42.7 | 4.2  | 42.0   | 23 73 | 28.9 | 2.9  | 30.0   | MAY 11 |  |
| MAY                              | 21  | 7    | 36.6 | 1.5    | 35.0      | 39.0 80   | 34.7 73   | I |        | 51 79                                        | 46.7 | 3.2  | 47.0   | 25 73 | 28.3 | 2.9  | 27.0   | MAY 21 |  |
| JUN                              | 1   | 10   | 38.5 | 3.6    | 37.0      | 46.7 77   | 33.6 79   | I |        | 58 77                                        | 46.1 | 4.8  | 45.0   | 25 79 | 30.2 | 3.3  | 29.0   | JUN 1  |  |
| JUN                              | 11  | 10   | 40.5 | 3.5    | 39.0      | 46.4 77   | 36.7 71   | I |        | 52 77                                        | 47.2 | 3.2  | 47.5   | 22 81 | 33.6 | 5.7  | 33.0   | JUN 11 |  |
| JUN                              | 21  | 12   | 42.4 | 4.1    | 42.5      | 49.7 73   | 35.1 68   | I |        | 56 80                                        | 51.4 | 3.0  | 52.0   | 29 68 | 34.4 | 4.2  | 34.5   | JUN 21 |  |
| JUL                              | 1   | 14   | 43.1 | 4.4    | 43.5      | 48.9 80   | 35.3 69   | I |        | 57 81                                        | 51.1 | 5.1  | 52.5   | 25 71 | 34.7 | 5.5  | 34.5   | JUL 1  |  |
| JUL                              | 11  | 16   | 43.6 | 3.7    | 43.0      | 53.0 75   | 36.7 69   | I |        | 61 75                                        | 51.4 | 4.7  | 50.5   | 30 71 | 37.4 | 4.3  | 38.0   | JUL 11 |  |
| JUL                              | 21  | 16   | 44.9 | 3.6    | 45.0      | 49.4 77   | 37.9 68   | I |        | 61 77                                        | 53.6 | 5.4  | 53.5   | 31 69 | 38.3 | 4.3  | 39.5   | JUL 21 |  |
| AUG                              | 1   | 16   | 43.5 | 4.4    | 43.0      | 54.3 83   | 35.0 69   | I |        | 62 83                                        | 51.9 | 5.5  | 52.0   | 28 69 | 37.0 | 4.3  | 37.5   | AUG 1  |  |
| AUG                              | 11  | 16   | 43.4 | 4.3    | 43.0      | 50.3 83   | 35.7 70   | I |        | 60 83                                        | 50.6 | 4.9  | 51.5   | 31 70 | 37.6 | 4.3  | 36.5   | AUG 11 |  |
| AUG                              | 21  | 16   | 40.7 | 3.9    | 40.5      | 47.2 83 M | 34.7 70   | I |        | 55 76                                        | 48.9 | 4.8  | 49.5   | 25 69 | 33.7 | 4.4  | 33.0   | AUG 21 |  |
| SEP                              | 1   | 16   | 37.4 | 3.9    | 38.0      | 46.1 78   | 30.4 69   | I |        | 54 80                                        | 45.6 | 4.9  | 46.0   | 21 69 | 29.7 | 4.0  | 30.5   | SEP 1  |  |
| SEP                              | 11  | 15   | 35.3 | 5.4    | 36.0      | 42.7 80   | 22.0 71   | I |        | 52 80                                        | 44.7 | 6.2  | 46.0   | 16 71 | 26.5 | 4.8  | 27.0   | SEP 11 |  |
| SEP                              | 21  | 12   | 33.2 | 5.6    | 32.5      | 43.4 76 M | 26.0 71   | I |        | 58 78                                        | 41.5 | 5.8  | 42.0   | 18 71 | 27.1 | 5.7  | 26.5   | SEP 21 |  |
| OCT                              | 1   | 6    | 29.8 | 2.5    | 30.0      | 32.6 75 M | 25.8 74   | I |        | 42 81                                        | 38.8 | 2.5  | 39.5   | 16 74 | 22.7 | 4.2  | 23.5   | OCT 1  |  |
| MONTH                            |     |      |      |        |           |           |           |   |        | MONTH                                        |      |      |        |       |      |      |        |        |  |
| MAY                              | 6   | 36.3 | 1.3  | 35.5   | 38.5 80   | 34.6 73   | I         |   | 51 79  | 48.7                                         | 1.2  | 48.0 | 23 73  | 26.7  | 2.1  | 27.0 | MAY    |        |  |
| JUN                              | 7   | 40.3 | 3.5  | 40.0   | 45.8 77   | 36.1 68 M | I         |   | 58 77  | 52.3                                         | 4.5  | 53.0 | 22 81  | 28.1  | 3.5  | 28.0 | JUN    |        |  |
| JUL                              | 15  | 43.8 | 3.4  | 44.0   | 49.8 75 M | 37.1 69   | I         |   | 61 77  | 56.6                                         | 3.4  | 57.0 | 25 71  | 33.8  | 4.2  | 34.0 | JUL    |        |  |
| AUG                              | 16  | 42.5 | 3.8  | 42.5   | 50.6 83 M | 35.9 69   | I         |   | 62 83  | 54.4                                         | 3.2  | 53.5 | 25 69  | 33.3  | 3.9  | 33.0 | AUG    |        |  |
| SEP                              | 12  | 35.2 | 3.9  | 35.0   | 40.0 76 M | 26.8 71   | I         |   | 58 78  | 47.9                                         | 3.7  | 48.0 | 16 71  | 24.4  | 4.0  | 25.5 | SEP    |        |  |

(con.)

Table 21 (Con.)

| MAXIMUM DAILY TEMPERATURE             |         |      |           |        |                 |                |   |   |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |         |          |           |            |             |  |
|---------------------------------------|---------|------|-----------|--------|-----------------|----------------|---|---|--|----------------------------------------------|-----------|-----------|-------------|---------|----------|-----------|------------|-------------|--|
| STATION NUMBER 101805 LITTLE CREEK GS |         |      |           |        |                 |                |   |   |  | 1968-1983                                    |           |           |             |         |          |           |            |             |  |
| 10-DAY AND MONTHLY PERIOD MEANS       |         |      |           |        |                 |                |   |   |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |         |          |           |            |             |  |
| PRD. BEGINS                           | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG. YR | LOWEST AVG. YR |   |   |  | HIGH. YR                                     | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW. YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |  |
| MAY 21                                | 6       | 68.9 | 4.8       | 69.0   | 75.5 79         | 63.0 78        |   |   |  | 86 79                                        | 81.0      | 4.7       | 82.5        | 49 80   | 56.3     | 5.4       | 58.5       | MAY 21      |  |
| JUN 1                                 | 14      | 76.4 | 6.9       | 76.5   | 87.7 77         | 62.9 82        | M | I |  | 97 77                                        | 84.9      | 6.5       | 84.5        | 55 82   | 65.2     | 7.0       | 65.0       | JUN 1       |  |
| JUN 11                                | 14      | 76.9 | 6.7       | 76.0   | 93.8 74         | 65.0 81        |   | I |  | 98 74                                        | 85.9      | 6.6       | 86.5        | 50 81   | 65.1     | 8.8       | 64.5       | JUN 11      |  |
| JUN 21                                | 15      | 81.3 | 6.1       | 81.0   | 89.4 74         | 65.6 69        |   | I |  | 98 70                                        | 90.3      | 5.3       | 91.0        | 54 69   | 69.2     | 7.3       | 69.0       | JUN 21      |  |
| JUL 1                                 | 16      | 84.8 | 6.0       | 84.5   | 94.6 68         | 75.3 82        |   | I |  | 101 73                                       | 92.7      | 5.1       | 93.0        | 60 83   | 73.5     | 9.9       | 74.0       | JUL 1       |  |
| JUL 11                                | 16      | 87.5 | 3.4       | 88.0   | 92.0 73         | 79.4 83        |   | I |  | 104 73                                       | 94.8      | 4.7       | 96.0        | 63 83   | 77.8     | 6.3       | 78.5       | JUL 11      |  |
| JUL 21                                | 16      | 90.1 | 3.2       | 90.0   | 94.6 69         | 84.9 81        | M | I |  | 102 75                                       | 96.8      | 3.4       | 97.5        | 72 72   | 82.1     | 5.6       | 81.0       | JUL 21      |  |
| AUG 1                                 | 16      | 89.0 | 4.4       | 89.0   | 95.1 71         | 79.4 76        |   | I |  | 100 72                                       | 95.4      | 3.2       | 95.0        | 60 74   | 80.6     | 7.9       | 83.0       | AUG 1       |  |
| AUG 11                                | 16      | 85.2 | 6.8       | 85.5   | 94.8 71         | 72.6 68        |   | I |  | 100 71                                       | 93.2      | 4.5       | 93.5        | 58 68   | 75.2     | 11.5      | 79.0       | AUG 11      |  |
| AUG 21                                | 15      | 82.9 | 5.5       | 80.0   | 92.8 70         | 75.1 75        |   | I |  | 96 71                                        | 90.6      | 4.1       | 91.0        | 61 75   | 71.7     | 7.8       | 72.0       | AUG 21      |  |
| SEP 1                                 | 15      | 80.3 | 3.7       | 81.0   | 84.7 74         | 72.2 73        |   | I |  | 94 68                                        | 89.2      | 3.1       | 89.0        | 55 73   | 67.5     | 6.7       | 67.0       | SEP 1       |  |
| SEP 11                                | 14      | 73.5 | 6.4       | 73.5   | 83.2 81         | 60.1 78        |   | M |  | 91 79                                        | 83.5      | 5.3       | 85.0        | 53 82   | 60.5     | 6.2       | 59.5       | SEP 11      |  |
| SEP 21                                | 9       | 71.1 | 8.5       | 70.0   | 80.9 79         | 57.8 81        |   | I |  | 90 79                                        | 79.6      | 9.8       | 82.0        | 42 81   | 59.9     | 10.1      | 58.0       | SEP 21      |  |
| MONTH                                 |         |      |           |        |                 |                |   |   |  | MONTH                                        |           |           |             |         |          |           |            |             |  |
| JUN                                   | 13      | 78.3 | 4.1       | 78.0   | 85.3 74         | 72.4 81        | M | I |  | 98 74                                        | 91.9      | 5.2       | 92.0        | 50 81   | 59.0     | 5.8       | 58.0       | JUN         |  |
| JUL                                   | 16      | 87.6 | 2.9       | 88.0   | 92.6 68         | 81.5 83        |   | I |  | 104 73                                       | 98.8      | 2.5       | 99.0        | 60 83   | 70.5     | 6.4       | 71.5       | JUL         |  |
| AUG                                   | 15      | 85.3 | 4.2       | 84.0   | 94.0 71         | 79.7 76        |   | I |  | 100 72                                       | 95.9      | 2.6       | 95.0        | 58 68   | 68.7     | 8.8       | 68.0       | AUG         |  |
| SEP                                   | 9       | 75.1 | 4.4       | 74.0   | 82.2 79         | 69.4 73        | M | I |  | 94 68                                        | 88.8      | 2.9       | 89.0        | 42 81   | 55.7     | 7.6       | 55.0       | SEP         |  |
| MINIMUM DAILY TEMPERATURE             |         |      |           |        |                 |                |   |   |  | 1968-1983                                    |           |           |             |         |          |           |            |             |  |
| STATION NUMBER 101805 LITTLE CREEK GS |         |      |           |        |                 |                |   |   |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |         |          |           |            |             |  |
| PRD. BEGINS                           | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG. YR | LOWEST AVG. YR |   |   |  | HIGH. YR                                     | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW. YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |  |
| MAY 21                                | 6       | 36.3 | 3.1       | 36.5   | 39.6 80         | 32.3 82        | M | I |  | 50 82                                        | 45.5      | 3.9       | 45.0        | 23 82   | 27.5     | 3.8       | 27.5       | MAY 21      |  |
| JUN 1                                 | 14      | 40.1 | 4.2       | 38.0   | 47.0 72         | 34.6 79        |   | I |  | 54 72                                        | 45.4      | 4.6       | 44.5        | 26 78   | 32.4     | 4.7       | 31.5       | JUN 1       |  |
| JUN 11                                | 14      | 41.1 | 2.7       | 40.5   | 44.8 74         | 35.4 78        |   | I |  | 54 69                                        | 48.2      | 3.2       | 48.5        | 29 80   | 33.9     | 3.5       | 33.0       | JUN 11      |  |
| JUN 21                                | 15      | 43.7 | 3.4       | 44.0   | 50.7 73         | 38.9 76        |   | I |  | 58 82                                        | 50.5      | 3.8       | 50.0        | 27 76   | 36.7     | 4.4       | 38.0       | JUN 21      |  |
| JUL 1                                 | 16      | 45.1 | 2.7       | 44.0   | 50.9 68         | 40.4 71        | M | I |  | 58 75                                        | 51.6      | 3.3       | 51.5        | 31 71   | 38.1     | 3.6       | 38.5       | JUL 1       |  |
| JUL 11                                | 16      | 47.0 | 3.0       | 46.5   | 52.1 73         | 42.3 83        |   | I |  | 62 73                                        | 54.3      | 4.5       | 53.5        | 35 83   | 40.7     | 3.3       | 40.0       | JUL 11      |  |
| JUL 21                                | 16      | 48.2 | 1.9       | 47.5   | 50.7 80         | 44.3 81        | M | I |  | 61 80                                        | 55.3      | 3.5       | 56.0        | 34 72   | 42.3     | 4.0       | 42.0       | JUL 21      |  |
| AUG 1                                 | 16      | 47.6 | 3.0       | 46.0   | 54.0 83         | 43.2 76        |   | I |  | 69 80                                        | 56.7      | 5.0       | 56.0        | 37 76   | 41.4     | 3.8       | 40.0       | AUG 1       |  |
| AUG 11                                | 16      | 46.6 | 3.6       | 46.5   | 51.8 72         | 39.0 78        |   | I |  | 62 72                                        | 53.7      | 4.9       | 54.0        | 33 78   | 40.8     | 3.8       | 41.5       | AUG 11      |  |
| AUG 21                                | 15      | 43.8 | 3.0       | 45.0   | 47.8 70         | 38.2 78        |   | I |  | 58 73                                        | 50.6      | 3.7       | 50.0        | 30 77   | 36.7     | 3.9       | 37.0       | AUG 21      |  |
| SEP 1                                 | 15      | 40.9 | 2.5       | 40.0   | 44.6 78         | 36.3 75        |   | I |  | 55 70                                        | 48.5      | 3.5       | 49.0        | 25 76   | 32.7     | 3.8       | 34.0       | SEP 1       |  |
| SEP 11                                | 14      | 37.5 | 3.7       | 36.5   | 42.7 68         | 31.9 78        |   | I |  | 52 68                                        | 46.1      | 4.7       | 47.0        | 18 83   | 28.8     | 5.8       | 29.0       | SEP 11      |  |
| SEP 21                                | 9       | 34.6 | 2.3       | 34.0   | 38.3 79         | 30.9 75        |   | I |  | 45 82                                        | 40.3      | 3.5       | 41.0        | 24 78   | 28.2     | 3.7       | 27.0       | SEP 21      |  |
| MONTH                                 |         |      |           |        |                 |                |   |   |  | MONTH                                        |           |           |             |         |          |           |            |             |  |
| JUN                                   | 13      | 42.0 | 2.1       | 42.0   | 45.0 77         | 37.6 78        |   | I |  | 58 82                                        | 51.8      | 3.7       | 52.0        | 26 78   | 30.5     | 3.3       | 30.0       | JUN         |  |
| JUL                                   | 16      | 46.8 | 1.4       | 46.0   | 50.3 75         | 44.8 83        |   | I |  | 62 73                                        | 57.8      | 2.7       | 57.5        | 31 71   | 37.2     | 2.9       | 38.0       | JUL         |  |
| AUG                                   | 15      | 45.9 | 2.8       | 45.0   | 49.9 71         | 40.8 78        |   | I |  | 69 80                                        | 57.5      | 4.7       | 57.0        | 30 77   | 36.3     | 3.6       | 36.0       | AUG         |  |
| SEP                                   | 9       | 37.8 | 1.9       | 37.0   | 40.3 80         | 35.1 75        |   | I |  | 55 70                                        | 49.3      | 2.3       | 50.0        | 18 83   | 25.8     | 4.7       | 27.0       | SEP         |  |

Table 22—Frequencies of daily maximum and minimum temperature values

MAXIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |         | 100835 |        | BIG CREEK 1 S |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | TEMPERATURE VALUES |               |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  | 1949-1967 |  |  |  |  |
|----------------|---------|--------|--------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------|---------------|-------------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|--|--|--|--|
| PRD. BEGINS    | BELOW 0 | 0 TO 4 | 5 TO 9 | 10 TO 14      | 15 TO 19 | 20 TO 24 | 25 TO 29 | 30 TO 34 | 35 TO 39 | 40 TO 44 | 45 TO 49 | 50 TO 54 | 55 TO 59 | 60 TO 64 | 65 TO 69 | 70 TO 74 | 75 TO 79 | 80 TO 84 | 85 TO 89 | 90 TO 94 | 95 TO 99           | 100 AND ABOVE | PRD. BEGINS |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JAN 1          |         |        | 6      | 19            | 38       | 88       | 250      | 225      | 231      | 113      | 31       |          |          |          |          |          |          |          |          |          |                    |               | JAN 1       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JAN 11         |         |        | 12     | 43            | 37       | 123      | 184      | 221      | 239      | 92       | 43       | 6        |          |          |          |          |          |          |          |          |                    |               | JAN 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JAN 21         |         |        | 5      | 37            | 48       | 123      | 91       | 203      | 283      | 128      | 70       | 11       |          |          |          |          |          |          |          |          |                    |               | JAN 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| FEB 1          |         |        |        | 17            | 22       | 45       | 73       | 180      | 236      | 258      | 107      | 51       | 11       |          |          |          |          |          |          |          |                    |               | FEB 1       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| FEB 11         |         |        |        |               | 18       | 59       | 88       | 224      | 276      | 206      | 76       | 47       | 6        |          |          |          |          |          |          |          |                    |               | FEB 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| FEB 21         |         |        |        | 7             | 21       | 28       | 97       | 138      | 248      | 248      | 110      | 76       | 28       |          |          |          |          |          |          |          |                    |               | FEB 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAR 1          |         |        |        |               |          | 24       | 88       | 212      | 282      | 153      | 188      | 29       | 24       |          |          |          |          |          |          |          |                    |               | MAR 1       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAR 11         |         |        |        |               |          | 6        | 47       | 129      | 247      | 276      | 171      | 71       | 35       | 12       | 6        |          |          |          |          |          |                    |               | MAR 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAR 21         |         |        |        |               |          | 5        | 11       | 102      | 176      | 219      | 193      | 150      | 96       | 43       | 5        |          |          |          |          |          |                    |               | MAR 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| APR 1          |         |        |        |               |          |          |          | 23       | 98       | 220      | 272      | 173      | 116      | 69       | 29       |          |          |          |          |          |                    |               | APR 1       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| APR 11         |         |        |        |               |          |          |          | 28       | 106      | 144      | 222      | 172      | 144      | 106      | 61       | 17       |          |          |          |          |                    |               | APR 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| APR 21         |         |        |        |               |          |          |          | 6        | 78       | 167      | 172      | 172      | 189      | 139      | 44       | 33       |          |          |          |          |                    |               | APR 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAY 1          |         |        |        |               |          |          |          | 6        | 17       | 106      | 150      | 144      | 189      | 200      | 72       | 72       | 39       | 6        |          |          |                    |               | MAY 1       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAY 11         |         |        |        |               |          |          |          |          |          | 51       | 91       | 114      | 148      | 199      | 153      | 131      | 80       | 34       |          |          |                    |               | MAY 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAY 21         |         |        |        |               |          |          |          |          |          | 25       | 66       | 86       | 182      | 131      | 177      | 182      | 91       | 56       | 5        |          |                    |               | MAY 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUN 1          |         |        |        |               |          |          |          |          |          |          | 56       | 73       | 102      | 203      | 124      | 237      | 130      | 68       | 6        |          |                    |               | JUN 1       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUN 11         |         |        |        |               |          |          |          |          |          |          | 6        | 67       | 144      | 94       | 156      | 250      | 172      | 61       | 50       |          |                    |               | JUN 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUN 21         |         |        |        |               |          |          |          |          |          |          | 6        | 17       | 94       | 133      | 150      | 167      | 228      | 139      | 61       | 6        |                    |               | JUN 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUL 1          |         |        |        |               |          |          |          |          |          |          |          |          | 22       | 50       | 83       | 150      | 211      | 289      | 178      | 11       | 6                  |               | JUL 1       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUL 11         |         |        |        |               |          |          |          |          |          |          |          |          |          | 6        | 39       | 111      | 200      | 256      | 250      | 111      | 28                 |               | JUL 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUL 21         |         |        |        |               |          |          |          |          |          |          |          |          |          |          | 5        | 25       | 81       | 107      | 355      | 315      | 96                 | 15            | JUL 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| AUG 1          |         |        |        |               |          |          |          |          |          |          |          |          |          |          |          | 11       | 26       | 68       | 205      | 279      | 311                | 84            | 16          | AUG 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| AUG 11         |         |        |        |               |          |          |          |          |          |          |          |          |          |          | 11       | 42       | 53       | 184      | 332      | 295      | 84                 |               | AUG 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| AUG 21         |         |        |        |               |          |          |          |          |          | 5        | 10       | 10       | 34       | 91       | 154      | 130      | 178      | 236      | 135      | 19       |                    |               | AUG 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| SEP 1          |         |        |        |               |          |          |          |          |          |          | 6        | 12       | 30       | 48       | 161      | 190      | 208      | 244      | 77       | 24       |                    |               | SEP 1       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| SEP 11         |         |        |        |               |          |          |          |          |          |          | 36       | 78       | 78       | 102      | 151      | 181      | 175      | 145      | 54       |          |                    |               | SEP 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| SEP 21         |         |        |        |               |          |          |          |          |          |          | 35       | 41       | 71       | 65       | 165      | 147      | 165      | 135      | 165      | 12       |                    |               | SEP 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| OCT 1          |         |        |        |               |          |          |          |          | 19       | 44       | 69       | 113      | 106      | 113      | 150      | 200      | 181      | 6        |          |          |                    |               | OCT 1       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| OCT 11         |         |        |        |               |          |          |          |          | 25       | 50       | 125      | 138      | 156      | 181      | 194      | 94       | 38       |          |          |          |                    |               | OCT 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| OCT 21         |         |        |        |               |          |          |          |          | 34       | 91       | 142      | 131      | 176      | 125      | 182      | 114      | 6        |          |          |          |                    |               | OCT 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| NOV 1          |         |        |        |               |          |          | 18       | 36       | 136      | 213      | 237      | 178      | 112      | 65       | 6        |          |          |          |          |          |                    |               | NOV 1       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| NOV 11         |         |        | 12     |               | 12       | 24       | 41       | 141      | 265      | 235      | 124      | 100      | 47       |          |          |          |          |          |          |          |                    |               | NOV 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| NOV 21         |         |        |        |               |          | 24       | 95       | 207      | 290      | 195      | 124      | 36       | 6        | 18       | 6        |          |          |          |          |          |                    |               | NOV 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| DEC 1          |         |        |        |               |          | 17       | 56       | 144      | 300      | 317      | 111      | 44       | 11       |          |          |          |          |          |          |          |                    |               | DEC 1       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| DEC 11         | 6       | 6      |        | 24            | 30       | 60       | 108      | 283      | 331      | 139      | 12       |          |          |          |          |          |          |          |          |          |                    |               | DEC 11      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| DEC 21         |         |        |        | 6             | 23       | 102      | 210      | 233      | 301      | 114      | 11       |          |          |          |          |          |          |          |          |          |                    |               | DEC 21      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MONTH          |         |        |        |               |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |                    |               | MONTH       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JAN            |         |        | 8      | 33            | 41       | 112      | 171      | 216      | 253      | 112      | 49       | 6        |          |          |          |          |          |          |          |          |                    |               | JAN         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| FEB            |         |        |        | 8             | 20       | 45       | 85       | 183      | 254      | 237      | 97       | 57       | 14       |          |          |          |          |          |          |          |                    |               | FEB         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAR            |         |        |        |               |          | 11       | 47       | 146      | 233      | 216      | 184      | 85       | 53       | 19       | 4        |          |          |          |          |          |                    |               | MAR         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| APR            |         |        |        |               |          |          |          | 19       | 94       | 176      | 221      | 173      | 150      | 105      | 45       | 17       |          |          |          |          |                    |               | APR         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAY            |         |        |        |               |          |          |          | 2        | 5        | 60       | 101      | 114      | 173      | 175      | 135      | 130      | 70       | 32       | 2        |          |                    |               | MAY         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUN            |         |        |        |               |          |          |          |          |          |          | 22       | 52       | 114      | 143      | 143      | 218      | 177      | 89       | 39       | 2        |                    |               | JUN         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUL            |         |        |        |               |          |          |          |          |          |          |          |          | 9        | 18       | 48       | 113      | 171      | 302      | 250      | 74       | 16                 |               | JUL         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| AUG            |         |        |        |               |          |          |          |          |          | 2        | 3        | 3        | 12       | 39       | 77       | 85       | 189      | 281      | 243      | 61       | 5                  |               | AUG         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| SEP            |         |        |        |               |          |          |          |          |          | 12       | 28       | 54       | 58       | 105      | 153      | 179      | 173      | 185      | 48       | 8        |                    |               | SEP         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| OCT            |         |        |        |               |          |          |          |          |          | 46       | 81       | 109      | 143      | 129      | 159      | 151      | 97       | 71       | 2        |          |                    |               | OCT         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| NOV            |         |        | 4      |               | 4        | 16       | 51       | 128      | 230      | 215      | 161      | 104      | 55       | 28       | 4        |          |          |          |          |          |                    |               | NOV         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| DEC            | 2       | 2      |        | 10            | 23       | 73       | 155      | 272      | 316      | 121      | 23       | 4        |          |          |          |          |          |          |          |          |                    |               | DEC         |       |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |

(con.)

Table 22 (Con.)

## MINIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |            | 100835       |              | BIG CREEK 1 S  |                | TEMPERATURE VALUES |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  | 1949-1967 |  |  |
|----------------|------------|--------------|--------------|----------------|----------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|----------------|--------|--|-----------|--|--|
| PRD.<br>BEGINS | BELOW<br>0 | 0<br>TO<br>4 | 5<br>TO<br>9 | 10<br>TO<br>14 | 15<br>TO<br>19 | 20<br>TO<br>24     | 25<br>TO<br>29 | 30<br>TO<br>34 | 35<br>TO<br>39 | 40<br>TO<br>44 | 45<br>TO<br>49 | 50<br>TO<br>54 | 55<br>TO<br>59 | 60<br>TO<br>64 | 65<br>TO<br>69 | 70<br>TO<br>74 | 75<br>TO<br>79 | 80<br>TO<br>84 | 85<br>TO<br>89 | 90<br>TO<br>94 | 95<br>TO<br>99 | 100<br>AND<br>ABOVE | PRD.<br>BEGINS |        |  |           |  |  |
| JAN 1          | 313        | 88           | 125          | 150            | 106            | 119                | 75             | 25             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 1  |  |           |  |  |
| JAN 11         | 288        | 74           | 98           | 74             | 147            | 129                | 135            | 49             | 6              |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 11 |  |           |  |  |
| JAN 21         | 283        | 107          | 91           | 144            | 102            | 91                 | 118            | 64             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 21 |  |           |  |  |
| FEB 1          | 258        | 112          | 112          | 90             | 107            | 140                | 118            | 62             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB 1  |  |           |  |  |
| FEB 11         | 194        | 76           | 124          | 59             | 176            | 188                | 124            | 59             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB 11 |  |           |  |  |
| FEB 21         | 234        | 97           | 83           | 117            | 193            | 110                | 110            | 55             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB 21 |  |           |  |  |
| MAR 1          | 194        | 135          | 106          | 153            | 153            | 129                | 88             | 35             | 6              |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR 1  |  |           |  |  |
| MAR 11         | 194        | 100          | 112          | 129            | 100            | 200                | 129            | 35             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR 11 |  |           |  |  |
| MAR 21         | 53         | 59           | 80           | 176            | 171            | 198                | 171            | 91             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR 21 |  |           |  |  |
| APR 1          | 12         | 23           | 64           | 133            | 243            | 243                | 173            | 110            |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | APR 1  |  |           |  |  |
| APR 11         |            | 11           | 33           | 133            | 150            | 317                | 228            | 128            |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | APR 11 |  |           |  |  |
| APR 21         |            | 6            | 6            | 44             | 144            | 250                | 394            | 133            | 22             |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | APR 21 |  |           |  |  |
| MAY 1          |            |              | 6            | 11             | 94             | 217                | 367            | 217            | 72             | 17             |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAY 1  |  |           |  |  |
| MAY 11         |            |              |              |                | 23             | 165                | 438            | 239            | 125            | 11             |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAY 11 |  |           |  |  |
| MAY 21         |            |              |              | 5              | 10             | 101                | 359            | 268            | 187            | 71             |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAY 21 |  |           |  |  |
| JUN 1          |            |              |              |                | 6              | 17                 | 260            | 311            | 260            | 130            | 17             |                |                |                |                |                |                |                |                |                |                |                     |                | JUN 1  |  |           |  |  |
| JUN 11         |            |              |              |                |                | 22                 | 222            | 294            | 306            | 117            | 39             |                |                |                |                |                |                |                |                |                |                |                     |                | JUN 11 |  |           |  |  |
| JUN 21         |            |              |              |                |                | 22                 | 172            | 350            | 267            | 128            | 44             | 17             |                |                |                |                |                |                |                |                |                |                     |                | JUN 21 |  |           |  |  |
| JUL 1          |            |              |              |                |                | 11                 | 167            | 300            | 322            | 161            | 33             | 6              |                |                |                |                |                |                |                |                |                |                     |                | JUL 1  |  |           |  |  |
| JUL 11         |            |              |              |                |                | 6                  | 94             | 244            | 422            | 144            | 61             | 22             | 6              |                |                |                |                |                |                |                |                |                     |                | JUL 11 |  |           |  |  |
| JUL 21         |            |              |              |                |                | 10                 | 122            | 289            | 320            | 157            | 71             | 15             | 15             |                |                |                |                |                |                |                |                |                     |                | JUL 21 |  |           |  |  |
| AUG 1          |            |              |              |                |                |                    | 121            | 368            | 258            | 126            | 95             | 32             |                |                |                |                |                |                |                |                |                |                     |                | AUG 1  |  |           |  |  |
| AUG 11         |            |              |              |                |                | 16                 | 179            | 400            | 221            | 95             | 68             | 21             |                |                |                |                |                |                |                |                |                |                     |                | AUG 11 |  |           |  |  |
| AUG 21         |            |              |              | 5              | 19             | 288                | 293            | 231            | 125            | 29             | 10             |                |                |                |                |                |                |                |                |                |                |                     |                | AUG 21 |  |           |  |  |
| SEP 1          |            |              |              |                | 18             | 106                | 400            | 206            | 182            | 47             | 35             | 6              |                |                |                |                |                |                |                |                |                |                     |                | SEP 1  |  |           |  |  |
| SEP 11         |            |              |              | 6              | 41             | 165                | 400            | 176            | 129            | 59             | 24             |                |                |                |                |                |                |                |                |                |                |                     |                | SEP 11 |  |           |  |  |
| SEP 21         |            |              |              |                | 82             | 265                | 353            | 159            | 129            | 12             |                |                |                |                |                |                |                |                |                |                |                |                     |                | SEP 21 |  |           |  |  |
| OCT 1          |            |              |              | 25             | 119            | 325                | 306            | 119            | 75             | 31             |                |                |                |                |                |                |                |                |                |                |                |                     |                | OCT 1  |  |           |  |  |
| OCT 11         |            |              |              |                | 69             | 150                | 313            | 163            | 225            | 69             | 13             |                |                |                |                |                |                |                |                |                |                |                     |                | OCT 11 |  |           |  |  |
| OCT 21         |            |              |              | 17             | 165            | 210                | 261            | 216            | 108            | 11             | 11             |                |                |                |                |                |                |                |                |                |                |                     |                | OCT 21 |  |           |  |  |
| NOV 1          | 36         | 59           | 77           | 178            | 260            | 183                | 136            | 59             | 12             |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV 1  |  |           |  |  |
| NOV 11         | 135        | 41           | 71           | 65             | 135            | 182                | 206            | 129            | 29             | 6              |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV 11 |  |           |  |  |
| NOV 21         | 206        | 76           | 71           | 106            | 141            | 141                | 188            | 59             | 6              | 6              |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV 21 |  |           |  |  |
| DEC 1          | 211        | 117          | 67           | 133            | 139            | 228                | 78             | 28             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 1  |  |           |  |  |
| DEC 11         | 228        | 120          | 42           | 120            | 120            | 210                | 102            | 60             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 11 |  |           |  |  |
| DEC 21         | 301        | 85           | 148          | 114            | 153            | 119                | 40             | 34             | 6              |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 21 |  |           |  |  |
| MONTH          |            |              |              |                |                |                    |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | MONTH  |  |           |  |  |
| JAN            | 294        | 90           | 104          | 124            | 118            | 112                | 110            | 47             | 2              |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN    |  |           |  |  |
| FEB            | 229        | 95           | 108          | 87             | 156            | 148                | 118            | 59             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB    |  |           |  |  |
| MAR            | 144        | 97           | 99           | 154            | 142            | 176                | 131            | 55             | 2              |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR    |  |           |  |  |
| APR            | 4          | 13           | 34           | 103            | 178            | 270                | 266            | 124            | 8              |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | APR    |  |           |  |  |
| MAY            |            |              | 2            | 5              | 42             | 159                | 386            | 242            | 130            | 34             |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAY    |  |           |  |  |
| JUN            |            |              |              |                | 2              | 20                 | 218            | 318            | 277            | 125            | 34             | 6              |                |                |                |                |                |                |                |                |                |                     |                | JUN    |  |           |  |  |
| JUL            |            |              |              |                |                | 9                  | 127            | 278            | 354            | 154            | 56             | 14             | 7              |                |                |                |                |                |                |                |                |                     |                | JUL    |  |           |  |  |
| AUG            |            |              |              |                | 2              | 12                 | 199            | 352            | 236            | 116            | 63             | 20             |                |                |                |                |                |                |                |                |                |                     |                | AUG    |  |           |  |  |
| SEP            |            |              |              |                | 2              | 47                 | 178            | 384            | 180            | 147            | 39             | 20             | 2              |                |                |                |                |                |                |                |                |                     |                | SEP    |  |           |  |  |
| OCT            |            |              | 6            | 89             | 161            | 298                | 228            | 149            | 50             | 18             |                |                |                |                |                |                |                |                |                |                |                |                     |                | OCT    |  |           |  |  |
| NOV            | 126        | 59           | 73           | 116            | 179            | 169                | 177            | 83             | 16             | 4              |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV    |  |           |  |  |
| DEC            | 247        | 107          | 86           | 122            | 138            | 185                | 73             | 40             | 2              |                |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC    |  |           |  |  |

(con.)

Table 22 (Con.)

MAXIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 101663 |       |    |    | CHALLIS | TEMPERATURE VALUES |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           | 1951-1980 |        |  |  |  |
|-----------------------|-------|----|----|---------|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----------|--------|--|--|--|
| PRD.                  | BELOW | 0  | 5  | 10      | 15                 | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 95  | 100       | PRD.      |        |  |  |  |
| BEGINS                | 0     | 4  | 9  | 14      | 19                 | 24  | 29  | 34  | 39  | 44  | 49  | 54  | 59  | 64  | 69  | 74  | 79  | 84  | 89  | 94  | 99  | AND ABOVE | BEGINS    |        |  |  |  |
| JAN 1                 | 3     | 37 | 41 | 64      | 108                | 142 | 152 | 162 | 149 | 105 | 24  | 14  |     |     |     |     |     |     |     |     |     |           | JAN 1     |        |  |  |  |
| JAN 11                | 3     | 3  | 3  | 30      | 74                 | 97  | 134 | 188 | 198 | 158 | 97  | 10  | 3   |     |     |     |     |     |     |     |     |           | JAN 11    |        |  |  |  |
| JAN 21                | 9     | 21 | 15 | 36      | 49                 | 73  | 164 | 201 | 204 | 155 | 40  | 21  | 12  |     |     |     |     |     |     |     |     |           | JAN 21    |        |  |  |  |
| FEB 1                 | 7     |    | 7  | 23      | 17                 | 23  | 107 | 213 | 233 | 203 | 107 | 47  | 13  |     |     |     |     |     |     |     |     |           | FEB 1     |        |  |  |  |
| FEB 11                |       |    |    | 3       | 10                 | 33  | 100 | 194 | 201 | 191 | 164 | 84  | 20  |     |     |     |     |     |     |     |     |           | FEB 11    |        |  |  |  |
| FEB 21                |       |    |    | 20      | 12                 | 37  | 41  | 131 | 241 | 196 | 200 | 90  | 24  | 8   |     |     |     |     |     |     |     |           | FEB 21    |        |  |  |  |
| MAR 1                 |       |    |    | 7       |                    | 7   | 87  | 104 | 228 | 218 | 191 | 101 | 37  | 17  | 3   |     |     |     |     |     |     |           | MAR 1     |        |  |  |  |
| MAR 11                |       |    |    |         |                    |     | 27  | 70  | 150 | 233 | 250 | 157 | 73  | 27  | 13  |     |     |     |     |     |     |           | MAR 11    |        |  |  |  |
| MAR 21                |       |    |    |         |                    | 3   |     | 12  | 76  | 158 | 198 | 195 | 170 | 112 | 55  | 21  |     |     |     |     |     |           | MAR 21    |        |  |  |  |
| APR 1                 |       |    |    |         |                    |     |     |     | 31  | 92  | 156 | 241 | 173 | 167 | 85  | 48  | 7   |     |     |     |     |           | APR 1     |        |  |  |  |
| APR 11                |       |    |    |         |                    |     |     |     | 13  | 63  | 127 | 183 | 193 | 207 | 113 | 73  | 20  | 7   |     |     |     |           | APR 11    |        |  |  |  |
| APR 21                |       |    |    |         |                    |     |     |     | 7   | 37  | 117 | 167 | 177 | 163 | 157 | 130 | 30  | 13  | 3   |     |     |           | APR 21    |        |  |  |  |
| MAY 1                 |       |    |    |         |                    |     |     |     |     | 17  | 88  | 135 | 178 | 178 | 222 | 84  | 27  | 24  |     |     |     |           | MAY 1     |        |  |  |  |
| MAY 11                |       |    |    |         |                    |     |     |     |     |     | 40  | 84  | 131 | 138 | 152 | 182 | 158 | 94  | 17  | 3   |     |           | MAY 11    |        |  |  |  |
| MAY 21                |       |    |    |         |                    |     |     |     |     |     | 9   | 44  | 97  | 153 | 188 | 159 | 200 | 100 | 41  | 9   |     |           | MAY 21    |        |  |  |  |
| JUN 1                 |       |    |    |         |                    |     |     |     |     |     |     | 17  | 84  | 120 | 124 | 154 | 214 | 204 | 60  | 23  |     |           | JUN 1     |        |  |  |  |
| JUN 11                |       |    |    |         |                    |     |     |     |     |     |     | 3   | 37  | 67  | 134 | 191 | 211 | 224 | 77  | 43  | 13  |           | JUN 11    |        |  |  |  |
| JUN 21                |       |    |    |         |                    |     |     |     |     |     |     | 7   | 30  | 47  | 104 | 134 | 141 | 181 | 198 | 138 | 20  |           | JUN 21    |        |  |  |  |
| JUL 1                 |       |    |    |         |                    |     |     |     |     |     |     |     |     | 27  | 13  | 104 | 117 | 171 | 314 | 224 | 30  |           | JUL 1     |        |  |  |  |
| JUL 11                |       |    |    |         |                    |     |     |     |     |     |     |     |     |     |     | 13  | 20  | 64  | 194 | 328 | 288 | 87        | 7         | JUL 11 |  |  |  |
| JUL 21                |       |    |    |         |                    |     |     |     |     |     |     |     |     |     | 6   | 6   | 18  | 36  | 130 | 333 | 373 | 85        | 12        | JUL 21 |  |  |  |
| AUG 1                 |       |    |    |         |                    |     |     |     |     |     |     |     |     |     | 7   | 21  | 35  | 80  | 163 | 356 | 273 | 55        | 10        | AUG 1  |  |  |  |
| AUG 11                |       |    |    |         |                    |     |     |     |     |     |     |     | 7   | 34  | 38  | 48  | 76  | 203 | 317 | 238 | 38  |           |           | AUG 11 |  |  |  |
| AUG 21                |       |    |    |         |                    |     |     |     |     |     |     |     | 6   | 44  | 63  | 135 | 172 | 197 | 245 | 113 | 25  |           |           | AUG 21 |  |  |  |
| SEP 1                 |       |    |    |         |                    |     |     |     |     |     |     |     | 7   | 50  | 84  | 130 | 204 | 251 | 227 | 47  |     |           |           | SEP 1  |  |  |  |
| SEP 11                |       |    |    |         |                    |     |     |     | 7   | 10  | 23  | 47  | 120 | 143 | 157 | 170 | 243 | 73  | 7   |     |     |           |           | SEP 11 |  |  |  |
| SEP 21                |       |    |    |         |                    |     |     |     | 7   | 17  | 43  | 47  | 130 | 140 | 210 | 210 | 160 | 30  | 7   |     |     |           |           | SEP 21 |  |  |  |
| OCT 1                 |       |    |    |         |                    |     |     |     | 3   | 20  | 107 | 77  | 114 | 137 | 237 | 244 | 60  |     |     |     |     |           |           | OCT 1  |  |  |  |
| OCT 11                |       |    |    |         |                    |     |     |     | 18  | 67  | 134 | 137 | 190 | 211 | 180 | 56  | 7   |     |     |     |     |           |           | OCT 11 |  |  |  |
| OCT 21                |       |    |    |         |                    |     |     |     | 6   | 75  | 178 | 178 | 199 | 174 | 134 | 34  |     |     |     |     |     |           |           | OCT 21 |  |  |  |
| NOV 1                 |       |    |    |         |                    | 3   | 7   | 37  | 41  | 160 | 265 | 228 | 160 | 75  | 24  |     |     |     |     |     |     |           |           | NOV 1  |  |  |  |
| NOV 11                |       |    | 3  | 3       |                    | 21  | 27  | 148 | 137 | 223 | 213 | 124 | 58  | 38  | 3   |     |     |     |     |     |     |           |           | NOV 11 |  |  |  |
| NOV 21                |       |    |    | 7       | 17                 | 41  | 48  | 187 | 204 | 231 | 156 | 92  | 17  |     |     |     |     |     |     |     |     |           |           | NOV 21 |  |  |  |
| DEC 1                 |       | 7  | 14 | 7       | 17                 | 27  | 140 | 253 | 226 | 185 | 82  | 38  | 3   |     |     |     |     |     |     |     |     |           |           | DEC 1  |  |  |  |
| DEC 11                |       |    | 17 | 31      | 17                 | 115 | 157 | 227 | 199 | 175 | 52  | 7   |     |     |     |     |     |     |     |     |     |           |           | DEC 11 |  |  |  |
| DEC 21                | 3     | 3  | 6  | 32      | 38                 | 155 | 180 | 244 | 171 | 104 | 51  | 9   | 3   |     |     |     |     |     |     |     |     |           |           | DEC 21 |  |  |  |
| MONTH                 |       |    |    |         |                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           | MONTH     |        |  |  |  |
| JAN                   | 5     | 21 | 20 | 43      | 76                 | 103 | 151 | 184 | 184 | 140 | 53  | 15  | 5   |     |     |     |     |     |     |     |     |           | JAN       |        |  |  |  |
| FEB                   | 2     |    | 2  | 15      | 13                 | 31  | 85  | 182 | 224 | 197 | 154 | 72  | 19  | 2   |     |     |     |     |     |     |     |           | FEB       |        |  |  |  |
| MAR                   |       |    |    | 2       |                    | 3   | 37  | 60  | 149 | 202 | 213 | 152 | 96  | 54  | 25  | 8   |     |     |     |     |     |           | MAR       |        |  |  |  |
| APR                   |       |    |    |         |                    |     |     |     | 17  | 64  | 133 | 197 | 181 | 179 | 119 | 84  | 19  | 7   | 1   |     |     |           | APR       |        |  |  |  |
| MAY                   |       |    |    |         |                    |     |     |     |     | 5   | 32  | 71  | 120 | 156 | 173 | 187 | 149 | 74  | 27  | 4   |     |           | MAY       |        |  |  |  |
| JUN                   |       |    |    |         |                    |     |     |     |     |     |     | 9   | 50  | 78  | 121 | 160 | 189 | 203 | 112 | 68  | 11  |           | JUN       |        |  |  |  |
| JUL                   |       |    |    |         |                    |     |     |     |     |     |     |     |     |     | 11  | 11  | 46  | 71  | 164 | 325 | 297 | 68        | 6         | JUL    |  |  |  |
| AUG                   |       |    |    |         |                    |     |     |     |     | 4   | 9   | 22  | 3   | 29  | 41  | 75  | 111 | 188 | 304 | 205 | 39  | 3         | AUG       |        |  |  |  |
| SEP                   |       |    |    |         |                    |     |     |     |     |     |     |     | 4   | 100 | 122 | 166 | 195 | 218 | 110 | 20  |     |           | SEP       |        |  |  |  |
| OCT                   |       |    |    |         |                    |     | 2   |     | 8   | 33  | 91  | 140 | 139 | 159 | 159 | 147 | 98  | 22  |     |     |     |           | OCT       |        |  |  |  |
| NOV                   |       |    | 1  | 3       | 6                  | 22  | 27  | 124 | 127 | 205 | 212 | 148 | 78  | 38  | 9   |     |     |     |     |     |     |           | NOV       |        |  |  |  |
| DEC                   | 1     | 3  | 12 | 23      | 25                 | 101 | 160 | 242 | 198 | 153 | 62  | 18  | 2   |     |     |     |     |     |     |     |     |           | DEC       |        |  |  |  |

(con.)

Table 22 (Con.)

| MINIMUM DAILY TEMPERATURE     |            |              |              |                |                |                |                |                |                |                |                |                |                | PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES<br>-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED |                |                |                |                |                |                |                |                     |                |        |  |  |  |       |
|-------------------------------|------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|----------------|--------|--|--|--|-------|
| STATION NUMBER 101663 CHALLIS |            |              |              |                |                |                |                |                |                |                |                |                |                | 1951-1980                                                                                            |                |                |                |                |                |                |                |                     |                |        |  |  |  |       |
|                               |            |              |              |                |                |                |                |                |                |                |                |                |                | TEMPERATURE VALUES                                                                                   |                |                |                |                |                |                |                |                     |                |        |  |  |  |       |
| PRD.<br>BEGINS                | BELOW<br>0 | 0<br>TO<br>4 | 5<br>TO<br>9 | 10<br>TO<br>14 | 15<br>TO<br>19 | 20<br>TO<br>24 | 25<br>TO<br>29 | 30<br>TO<br>34 | 35<br>TO<br>39 | 40<br>TO<br>44 | 45<br>TO<br>49 | 50<br>TO<br>54 | 55<br>TO<br>59 | 60<br>TO<br>64                                                                                       | 65<br>TO<br>69 | 70<br>TO<br>74 | 75<br>TO<br>79 | 80<br>TO<br>84 | 85<br>TO<br>89 | 90<br>TO<br>94 | 95<br>TO<br>99 | 100<br>AND<br>ABOVE | PRD.<br>BEGINS |        |  |  |  |       |
| JAN 1                         | 292        | 94           | 138          | 161            | 121            | 91             | 77             | 17             | 10             |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | JAN 1  |  |  |  |       |
| JAN 11                        | 140        | 103          | 137          | 130            | 147            | 147            | 73             | 107            | 17             |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | JAN 11 |  |  |  |       |
| JAN 21                        | 161        | 115          | 176          | 164            | 158            | 79             | 70             | 67             | 9              | 3              |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | JAN 21 |  |  |  |       |
| FEB 1                         | 88         | 57           | 141          | 232            | 178            | 152            | 98             | 44             | 10             |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | FEB 1  |  |  |  |       |
| FEB 11                        | 31         | 61           | 99           | 174            | 164            | 218            | 140            | 92             | 20             |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | FEB 11 |  |  |  |       |
| FEB 21                        | 53         | 53           | 98           | 147            | 176            | 212            | 163            | 65             | 33             |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | FEB 21 |  |  |  |       |
| MAR 1                         | 34         | 47           | 67           | 148            | 188            | 252            | 134            | 107            | 20             | 3              |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | MAR 1  |  |  |  |       |
| MAR 11                        | 7          | 20           | 43           | 137            | 177            | 277            | 193            | 127            | 20             |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | MAR 11 |  |  |  |       |
| MAR 21                        |            | 6            | 18           | 36             | 134            | 216            | 310            | 216            | 58             | 3              | 3              |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | MAR 21 |  |  |  |       |
| APR 1                         |            |              |              | 14             | 54             | 207            | 313            | 235            | 136            | 41             |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | APR 1  |  |  |  |       |
| APR 11                        |            |              |              |                | 33             | 150            | 267            | 327            | 170            | 43             | 10             |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | APR 11 |  |  |  |       |
| APR 21                        |            |              |              |                | 3              | 70             | 203            | 317            | 267            | 117            | 23             |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | APR 21 |  |  |  |       |
| MAY 1                         |            |              |              |                | 7              | 13             | 111            | 249            | 286            | 256            | 71             | 7              |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | MAY 1  |  |  |  |       |
| MAY 11                        |            |              |              |                |                | 7              | 84             | 196            | 284            | 287            | 115            | 24             | 3              |                                                                                                      |                |                |                |                |                |                |                |                     |                | MAY 11 |  |  |  |       |
| MAY 21                        |            |              |              |                |                |                | 22             | 118            | 259            | 299            | 227            | 72             | 3              |                                                                                                      |                |                |                |                |                |                |                |                     |                | MAY 21 |  |  |  |       |
| JUN 1                         |            |              |              |                |                |                | 10             | 84             | 141            | 285            | 282            | 164            | 34             |                                                                                                      |                |                |                |                |                |                |                |                     |                | JUN 1  |  |  |  |       |
| JUN 11                        |            |              |              |                |                |                |                | 43             | 80             | 261            | 388            | 181            | 47             |                                                                                                      |                |                |                |                |                |                |                |                     |                | JUN 11 |  |  |  |       |
| JUN 21                        |            |              |              |                |                |                | 3              | 40             | 87             | 185            | 326            | 248            | 104            |                                                                                                      |                |                |                |                |                |                |                |                     |                | JUN 21 |  |  |  |       |
| JUL 1                         |            |              |              |                |                |                |                | 7              | 23             | 163            | 343            | 330            | 110            | 13                                                                                                   | 10             |                |                |                |                |                |                |                     |                | JUL 1  |  |  |  |       |
| JUL 11                        |            |              |              |                |                |                |                |                | 3              | 57             | 237            | 435            | 234            | 33                                                                                                   |                |                |                |                |                |                |                |                     |                | JUL 11 |  |  |  |       |
| JUL 21                        |            |              |              |                |                |                |                |                | 6              | 36             | 215            | 479            | 203            | 61                                                                                                   |                |                |                |                |                |                |                |                     |                | JUL 21 |  |  |  |       |
| AUG 1                         |            |              |              |                |                |                |                |                | 14             | 111            | 287            | 381            | 173            | 31                                                                                                   | 3              |                |                |                |                |                |                |                     |                | AUG 1  |  |  |  |       |
| AUG 11                        |            |              |              |                |                |                |                | 3              | 21             | 114            | 369            | 366            | 100            | 24                                                                                                   | 3              |                |                |                |                |                |                |                     |                | AUG 11 |  |  |  |       |
| AUG 21                        |            |              |              |                |                |                |                | 22             | 107            | 229            | 376            | 207            | 44             | 13                                                                                                   | 3              |                |                |                |                |                |                |                     |                | AUG 21 |  |  |  |       |
| SEP 1                         |            |              |              |                |                |                |                | 47             | 174            | 294            | 301            | 137            | 43             | 3                                                                                                    |                |                |                |                |                |                |                |                     |                | SEP 1  |  |  |  |       |
| SEP 11                        |            |              |              |                | 3              | 10             | 30             | 123            | 190            | 357            | 230            | 43             | 10             | 3                                                                                                    |                |                |                |                |                |                |                |                     |                | SEP 11 |  |  |  |       |
| SEP 21                        |            |              |              |                |                | 10             | 70             | 200            | 360            | 227            | 127            | 7              |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | SEP 21 |  |  |  |       |
| OCT 1                         |            |              |              |                |                |                | 50             | 124            | 281            | 351            | 147            | 30             | 10             | 7                                                                                                    |                |                |                |                |                |                |                |                     |                | OCT 1  |  |  |  |       |
| OCT 11                        |            |              |              | 4              | 25             | 67             | 200            | 354            | 207            | 105            | 32             | 7              |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | OCT 11 |  |  |  |       |
| OCT 21                        |            | 3            |              | 12             | 93             | 190            | 280            | 255            | 115            | 37             | 9              | 3              |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | OCT 21 |  |  |  |       |
| NOV 1                         |            | 3            | 20           | 58             | 150            | 265            | 228            | 136            | 109            | 20             | 7              | 3              |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | NOV 1  |  |  |  |       |
| NOV 11                        | 14         | 27           | 69           | 93             | 192            | 165            | 223            | 144            | 69             | 3              |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | NOV 11 |  |  |  |       |
| NOV 21                        | 48         | 44           | 99           | 163            | 184            | 194            | 146            | 95             | 17             | 7              | 3              |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | NOV 21 |  |  |  |       |
| DEC 1                         | 64         | 51           | 121          | 239            | 178            | 158            | 135            | 40             | 13             |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | DEC 1  |  |  |  |       |
| DEC 11                        | 105        | 66           | 146          | 202            | 185            | 174            | 87             | 35             |                |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | DEC 11 |  |  |  |       |
| DEC 21                        | 104        | 119          | 220          | 160            | 138            | 123            | 79             | 44             | 13             |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | DEC 21 |  |  |  |       |
| MONTH                         |            |              |              |                |                |                |                |                |                |                |                |                |                | MONTH                                                                                                |                |                |                |                |                |                |                |                     |                |        |  |  |  | MONTH |
| JAN                           | 196        | 105          | 151          | 152            | 142            | 105            | 73             | 64             | 12             | 1              |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | JAN    |  |  |  |       |
| FEB                           | 57         | 57           | 114          | 187            | 172            | 193            | 132            | 67             | 20             |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | FEB    |  |  |  |       |
| MAR                           | 13         | 24           | 42           | 105            | 165            | 247            | 216            | 152            | 33             | 2              | 1              |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | MAR    |  |  |  |       |
| APR                           |            |              |              | 4              | 30             | 142            | 261            | 293            | 191            | 67             | 11             |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | APR    |  |  |  |       |
| MAY                           |            |              |              |                | 2              | 7              | 71             | 186            | 276            | 281            | 140            | 35             | 2              |                                                                                                      |                |                |                |                |                |                |                |                     |                | MAY    |  |  |  |       |
| JUN                           |            |              |              |                |                |                | 4              | 56             | 103            | 244            | 332            | 198            | 61             | 2                                                                                                    |                |                |                |                |                |                |                |                     |                | JUN    |  |  |  |       |
| JUL                           |            |              |              |                |                |                |                | 2              | 11             | 84             | 264            | 417            | 183            | 37                                                                                                   | 3              |                |                |                |                |                |                |                     |                | JUL    |  |  |  |       |
| AUG                           |            |              |              |                |                |                |                | 9              | 49             | 154            | 345            | 314            | 104            | 22                                                                                                   | 3              |                |                |                |                |                |                |                     |                | AUG    |  |  |  |       |
| SEP                           |            |              |              |                | 1              | 7              | 33             | 123            | 241            | 293            | 219            | 62             | 18             | 2                                                                                                    |                |                |                |                |                |                |                |                     |                | SEP    |  |  |  |       |
| OCT                           |            |              | 1            |                |                |                |                |                |                |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | OCT    |  |  |  |       |
| NOV                           | 20         | 25           | 63           | 105            | 175            | 208            | 199            | 125            | 65             | 10             | 3              | 1              |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | NOV    |  |  |  |       |
| DEC                           | 91         | 80           | 164          | 200            | 166            | 151            | 100            | 40             | 9              |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                     |                | DEC    |  |  |  |       |

(con.)

MAXIMUM DAILY TEMPERATURE

STATION NUMBER 101932 COBALT

### TEMPERATURE VALUES

1962-1981

(con.)

Table 22 (Con.)

MINIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 101932 |     | COBALT |     | TEMPERATURE VALUES |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |           |        | 1962-1981 |  |  |
|----------------|-------|--------|-----|--------|-----|--------------------|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|-----------|--------|-----------|--|--|
| PRD.           | BELOW | 0      | 5   | 10     | 15  | 20                 | 25  | 30  | 35  | 40  | 45  | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100       | PRD.   |           |  |  |
| BEGINS         | 0     | 4      | 9   | 14     | 19  | 24                 | 29  | 34  | 39  | 44  | 49  | 54 | 59 | 64 | 69 | 74 | 79 | 84 | 89 | 94 | 99 | AND ABOVE | BEGINS |           |  |  |
| JAN 1          | 359   | 111    | 172 | 96     | 136 | 86                 | 30  | 10  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | JAN 1  |           |  |  |
| JAN 11         | 225   | 95     | 140 | 140    | 150 | 90                 | 90  | 70  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | JAN 11 |           |  |  |
| JAN 21         | 317   | 133    | 133 | 133    | 83  | 83                 | 87  | 32  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | JAN 21 |           |  |  |
| FEB 1          | 115   | 205    | 150 | 190    | 145 | 120                | 60  | 15  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | FEB 1  |           |  |  |
| FEB 11         | 105   | 100    | 100 | 175    | 210 | 155                | 80  | 75  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | FEB 11 |           |  |  |
| FEB 21         | 103   | 103    | 133 | 158    | 218 | 158                | 85  | 42  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | FEB 21 |           |  |  |
| MAR 1          | 95    | 69     | 127 | 175    | 201 | 159                | 116 | 53  | 5   |     |     |    |    |    |    |    |    |    |    |    |    |           | MAR 1  |           |  |  |
| MAR 11         | 53    | 85     | 127 | 148    | 201 | 201                | 148 | 32  | 5   |     |     |    |    |    |    |    |    |    |    |    |    |           | MAR 11 |           |  |  |
| MAR 21         | 5     | 24     | 67  | 115    | 250 | 221                | 231 | 77  | 5   | 5   |     |    |    |    |    |    |    |    |    |    |    |           | MAR 21 |           |  |  |
| APR 1          |       | 11     | 22  | 67     | 161 | 317                | 278 | 139 | 6   |     |     |    |    |    |    |    |    |    |    |    |    |           | APR 1  |           |  |  |
| APR 11         |       |        | 6   | 44     | 150 | 311                | 328 | 139 | 17  | 6   |     |    |    |    |    |    |    |    |    |    |    |           | APR 11 |           |  |  |
| APR 21         |       |        |     | 6      | 61  | 218                | 358 | 246 | 101 | 11  |     |    |    |    |    |    |    |    |    |    |    |           | APR 21 |           |  |  |
| MAY 1          |       |        |     | 6      | 18  | 83                 | 292 | 393 | 149 | 48  | 12  |    |    |    |    |    |    |    |    |    |    |           | MAY 1  |           |  |  |
| MAY 11         |       |        |     |        | 6   | 36                 | 504 | 369 | 208 | 77  |     |    |    |    |    |    |    |    |    |    |    |           | MAY 11 |           |  |  |
| MAY 21         |       |        |     |        |     | 27                 | 174 | 359 | 304 | 114 | 16  |    |    | 5  |    |    |    |    |    |    |    |           | MAY 21 |           |  |  |
| JUN 1          |       |        |     |        |     |                    | 77  | 256 | 333 | 220 | 95  | 18 |    |    |    |    |    |    |    |    |    |           | JUN 1  |           |  |  |
| JUN 11         |       |        |     |        |     |                    | 42  | 174 | 287 | 353 | 132 | 12 |    |    |    |    |    |    |    |    |    |           | JUN 11 |           |  |  |
| JUN 21         |       |        |     |        |     |                    | 24  | 133 | 277 | 373 | 151 | 36 | 6  |    |    |    |    |    |    |    |    |           | JUN 21 |           |  |  |
| JUL 1          |       |        |     |        |     |                    | 12  | 153 | 171 | 394 | 224 | 47 |    |    |    |    |    |    |    |    |    |           | JUL 1  |           |  |  |
| JUL 11         |       |        |     |        |     |                    |     | 53  | 206 | 435 | 188 | 82 | 35 |    |    |    |    |    |    |    |    |           | JUL 11 |           |  |  |
| JUL 21         |       |        |     |        |     |                    |     | 21  | 176 | 476 | 230 | 80 | 11 | 5  |    |    |    |    |    |    |    |           | JUL 21 |           |  |  |
| AUG 1          |       |        |     |        |     |                    | 6   | 61  | 267 | 394 | 183 | 72 | 17 |    |    |    |    |    |    |    |    |           | AUG 1  |           |  |  |
| AUG 11         |       |        |     |        |     |                    |     | 58  | 253 | 474 | 174 | 37 | 5  |    |    |    |    |    |    |    |    |           | AUG 11 |           |  |  |
| AUG 21         |       |        |     |        |     |                    | 34  | 178 | 361 | 269 | 130 | 24 | 5  |    |    |    |    |    |    |    |    |           | AUG 21 |           |  |  |
| SEP 1          |       |        |     |        |     | 21                 | 79  | 263 | 379 | 174 | 53  | 32 |    |    |    |    |    |    |    |    |    |           | SEP 1  |           |  |  |
| SEP 11         |       |        |     |        | 6   | 56                 | 140 | 315 | 315 | 112 | 51  | 6  |    |    |    |    |    |    |    |    |    |           | SEP 11 |           |  |  |
| SEP 21         |       |        |     |        | 16  | 74                 | 232 | 363 | 232 | 68  | 16  |    |    |    |    |    |    |    |    |    |    |           | SEP 21 |           |  |  |
| OCT 1          |       |        |     | 5      | 37  | 164                | 339 | 323 | 95  | 37  |     |    |    |    |    |    |    |    |    |    |    |           | OCT 1  |           |  |  |
| OCT 11         |       |        | 5   | 16     | 79  | 274                | 353 | 158 | 89  | 26  |     |    |    |    |    |    |    |    |    |    |    |           | OCT 11 |           |  |  |
| OCT 21         | 5     |        | 9   | 43     | 185 | 303                | 270 | 152 | 24  | 9   |     |    |    |    |    |    |    |    |    |    |    |           | OCT 21 |           |  |  |
| NOV 1          | 5     | 11     | 16  | 106    | 190 | 291                | 201 | 148 | 26  | 5   |     |    |    |    |    |    |    |    |    |    |    |           | NOV 1  |           |  |  |
| NOV 11         | 21    | 26     | 74  | 121    | 158 | 300                | 158 | 121 | 11  | 11  |     |    |    |    |    |    |    |    |    |    |    |           | NOV 11 |           |  |  |
| NOV 21         | 53    | 105    | 163 | 200    | 189 | 147                | 105 | 37  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | NOV 21 |           |  |  |
| DEC 1          | 86    | 119    | 157 | 146    | 211 | 141                | 114 | 27  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | DEC 1  |           |  |  |
| DEC 11         | 181   | 124    | 175 | 158    | 147 | 124                | 51  | 40  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | DEC 11 |           |  |  |
| DEC 21         | 200   | 179    | 164 | 205    | 92  | 103                | 41  | 15  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | DEC 21 |           |  |  |
| MONTH          |       |        |     |        |     |                    |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |           | MONTH  |           |  |  |
| JAN            | 300   | 114    | 148 | 123    | 122 | 86                 | 70  | 37  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | JAN    |           |  |  |
| FEB            | 108   | 138    | 127 | 175    | 189 | 143                | 74  | 44  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | FEB    |           |  |  |
| MAR            | 49    | 58     | 106 | 145    | 218 | 195                | 167 | 55  | 5   | 2   |     |    |    |    |    |    |    |    |    |    |    |           | MAR    |           |  |  |
| APR            |       | 4      | 9   | 39     | 124 | 282                | 321 | 174 | 41  | 6   |     |    |    |    |    |    |    |    |    |    |    |           | APR    |           |  |  |
| MAY            |       |        |     |        | 8   | 48                 | 254 | 373 | 223 | 81  | 10  |    |    |    |    | 2  |    |    |    |    |    |           | MAY    |           |  |  |
| JUN            |       |        |     |        |     |                    | 48  | 188 | 299 | 315 | 126 | 22 | 2  |    |    |    |    |    |    |    |    |           | JUN    |           |  |  |
| JUL            |       |        |     |        |     |                    | 4   | 74  | 184 | 436 | 214 | 70 | 15 | 2  |    |    |    |    |    |    |    |           | JUL    |           |  |  |
| AUG            |       |        |     |        |     |                    | 14  | 102 | 296 | 375 | 161 | 43 | 9  |    |    |    |    |    |    |    |    |           | AUG    |           |  |  |
| SEP            |       |        |     |        | 7   | 50                 | 151 | 314 | 308 | 118 | 39  | 13 |    |    |    |    |    |    |    |    |    |           | SEP    |           |  |  |
| OCT            | 2     |        | 5   | 22     | 103 | 249                | 319 | 208 | 68  | 24  |     |    |    |    |    |    |    |    |    |    |    |           | OCT    |           |  |  |
| NOV            | 26    | 47     | 84  | 142    | 179 | 246                | 155 | 102 | 12  | 5   |     |    |    |    |    |    |    |    |    |    |    |           | NOV    |           |  |  |
| DEC            | 156   | 142    | 165 | 171    | 149 | 122                | 68  | 27  |     |     |     |    |    |    |    |    |    |    |    |    |    |           | DEC    |           |  |  |

(con.)

Table 22 (Con.)

MAXIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |            | 102575  | DIXIE   |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | TEMPERATURE VALUES |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1952-1980 |  |  |  |  |
|----------------|------------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|--|--|--|--|
| PRD.<br>BEGINS | BELOW<br>0 | 0       | 5       | 10       | 15       | 20       | 25       | 30       | 35       | 40       | 45       | 50       | 55       | 60       | 65       | 70       | 75       | 80       | 85       | 90       | 95       | 100                | PRD.<br>BEGINS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
|                |            | TO<br>4 | TO<br>9 | TO<br>14 | TO<br>19 | TO<br>24 | TO<br>29 | TO<br>34 | TO<br>39 | TO<br>44 | TO<br>49 | TO<br>54 | TO<br>59 | TO<br>64 | TO<br>69 | TO<br>74 | TO<br>79 | TO<br>84 | TO<br>89 | TO<br>94 | TO<br>99 | AND<br>ABOVE       |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JAN 1          |            | 7       | 7       | 64       | 114      | 168      | 168      | 232      | 154      | 75       | 11       |          |          |          |          |          |          |          |          |          |          |                    | JAN 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JAN 11         |            |         | 7       | 14       | 36       | 93       | 232      | 264      | 243      | 86       | 25       |          |          |          |          |          |          |          |          |          |          |                    | JAN 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JAN 21         | 3          | 6       | 23      | 81       | 136      | 140      | 289      | 156      | 140      | 26       |          |          |          |          |          |          |          |          |          |          |          |                    | JAN 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| FEB 1          |            |         | 7       | 29       | 50       | 132      | 264      | 257      | 139      | 71       | 43       | 7        |          |          |          |          |          |          |          |          |          |                    | FEB 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| FEB 11         |            |         |         | 14       | 25       | 175      | 225      | 329      | 139      | 57       | 36       |          |          |          |          |          |          |          |          |          |          |                    | FEB 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| FEB 21         |            |         | 13      | 13       | 48       | 121      | 199      | 277      | 160      | 117      | 35       | 17       |          |          |          |          |          |          |          |          |          |                    | FEB 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAR 1          |            |         |         | 18       | 50       | 157      | 204      | 246      | 200      | 79       | 25       | 21       |          |          |          |          |          |          |          |          |          |                    | MAR 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAR 11         |            |         |         | 7        | 14       | 75       | 214      | 271      | 204      | 121      | 68       | 18       | 7        |          |          |          |          |          |          |          |          |                    | MAR 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAR 21         |            |         |         | 3        | 13       | 55       | 130      | 221      | 237      | 127      | 107      | 75       | 32       |          |          |          |          |          |          |          |          |                    | MAR 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| APR 1          |            |         |         |          |          | 14       | 104      | 193      | 250      | 211      | 104      | 79       | 32       | 14       |          |          |          |          |          |          |          |                    | APR 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| APR 11         |            |         |         |          |          | 4        | 50       | 193      | 236      | 204      | 154      | 89       | 46       | 18       | 7        |          |          |          |          |          |          |                    | APR 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| APR 21         |            |         |         |          |          |          | 29       | 139      | 218      | 218      | 150      | 125      | 54       | 54       | 7        | 7        |          |          |          |          |          |                    | APR 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAY 1          |            |         |         |          |          |          | 21       | 71       | 121      | 154      | 168      | 182      | 150      | 71       | 43       | 14       | 4        |          |          |          |          |                    | MAY 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAY 11         |            |         |         |          |          |          |          | 29       | 114      | 125      | 125      | 171      | 161      | 125      | 93       | 39       | 18       |          |          |          |          |                    | MAY 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAY 21         |            |         |         |          |          |          |          | 23       | 68       | 123      | 133      | 169      | 114      | 162      | 123      | 65       | 19       |          |          |          |          |                    | MAY 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUN 1          |            |         |         |          |          |          |          |          | 11       | 68       | 100      | 146      | 175      | 164      | 175      | 118      | 36       | 7        |          |          |          |                    | JUN 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUN 11         |            |         |         |          |          |          |          |          | 18       | 32       | 107      | 136      | 129      | 193      | 168      | 129      | 57       | 32       |          |          |          |                    | JUN 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUN 21         |            |         |         |          |          |          |          |          | 14       | 29       | 57       | 104      | 114      | 179      | 175      | 154      | 150      | 25       |          |          |          |                    | JUN 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUL 1          |            |         |         |          |          |          |          |          |          |          | 14       | 62       | 90       | 110      | 183      | 279      | 176      | 86       |          |          |          |                    | JUL 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUL 11         |            |         |         |          |          |          |          |          |          |          | 7        | 14       | 38       | 114      | 179      | 217      | 262      | 145      | 21       | 3        |          |                    | JUL 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUL 21         |            |         |         |          |          |          |          |          |          |          |          | 9        | 22       | 38       | 82       | 292      | 376      | 154      | 28       |          |          |                    | JUL 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| AUG 1          |            |         |         |          |          |          |          |          |          |          |          |          | 11       | 18       | 75       | 139      | 236      | 350      | 146      | 14       | 11       |                    | AUG 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| AUG 11         |            |         |         |          |          |          |          |          |          | 18       | 21       | 43       | 29       | 61       | 86       | 304      | 246      | 175      | 18       |          |          |                    | AUG 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| AUG 21         |            |         |         |          |          |          |          |          | 3        | 16       | 32       | 42       | 110      | 159      | 156      | 218      | 153      | 84       | 26       |          |          |                    | AUG 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| SEP 1          |            |         |         |          |          |          |          |          |          | 3        | 28       | 41       | 55       | 141      | 121      | 197      | 207      | 152      | 45       | 10       |          |                    | SEP 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| SEP 11         |            |         |         |          |          |          |          | 10       | 21       | 45       | 117      | 124      | 110      | 159      | 183      | 124      | 97       | 10       |          |          |          |                    | SEP 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| SEP 21         |            |         |         |          |          |          |          | 14       | 72       | 66       | 86       | 124      | 121      | 141      | 172      | 138      | 66       |          |          |          |          |                    | SEP 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| OCT 1          |            |         |         |          |          |          |          | 34       | 103      | 97       | 76       | 110      | 100      | 186      | 197      | 97       |          |          |          |          |          |                    | OCT 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| OCT 11         |            |         |         |          |          |          |          | 3        | 59       | 110      | 152      | 114      | 134      | 193      | 121      | 107      | 7        |          |          |          |          |                    | OCT 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| OCT 21         |            |         |         |          | 3        | 9        | 57       | 142      | 160      | 135      | 138      | 182      | 119      | 53       |          |          |          |          |          |          |          |                    | OCT 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| NOV 1          |            |         |         |          | 4        | 32       | 64       | 207      | 214      | 179      | 146      | 129      | 25       |          |          |          |          |          |          |          |          |                    | NOV 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| NOV 11         | 4          |         | 4       | 18       | 29       | 86       | 154      | 286      | 189      | 150      | 68       | 11       | 4        |          |          |          |          |          |          |          |          |                    | NOV 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| NOV 21         |            |         | 7       | 7        | 46       | 139      | 268      | 250      | 161      | 82       | 25       | 14       |          |          |          |          |          |          |          |          |          |                    | NOV 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| DEC 1          |            |         | 17      | 17       | 17       | 59       | 193      | 245      | 255      | 131      | 59       | 7        |          |          |          |          |          |          |          |          |          |                    | DEC 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| DEC 11         | 3          | 10      | 7       | 28       | 131      | 148      | 214      | 307      | 131      | 21       |          |          |          |          |          |          |          |          |          |          |          |                    | DEC 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| DEC 21         | 9          | 6       |         | 16       | 135      | 229      | 260      | 245      | 85       | 16       |          |          |          |          |          |          |          |          |          |          |          |                    | DEC 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MONTH          |            |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |                    | MONTH          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JAN            | 3          | 7       | 33      | 77       | 132      | 179      | 263      | 183      | 101      | 21       |          |          |          |          |          |          |          |          |          |          |          |                    | JAN            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| FEB            |            |         | 6       | 19       | 40       | 144      | 231      | 288      | 145      | 80       | 38       | 8        |          |          |          |          |          |          |          |          |          |                    | FEB            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAR            |            |         |         | 9        | 25       | 94       | 181      | 245      | 214      | 109      | 68       | 39       | 14       |          |          |          |          |          |          |          |          |                    | MAR            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| APR            |            |         |         |          |          | 6        | 61       | 175      | 235      | 211      | 136      | 98       | 44       | 29       | 5        | 2        |          |          |          |          |          |                    | APR            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| MAY            |            |         |         |          |          |          | 7        | 40       | 100      | 134      | 142      | 174      | 141      | 121      | 88       | 40       | 14       |          |          |          |          |                    | MAY            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUN            |            |         |         |          |          |          |          |          | 14       | 43       | 88       | 129      | 139      | 179      | 173      | 133      | 81       | 21       |          |          |          |                    | JUN            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| JUL            |            |         |         |          |          |          |          |          |          |          | 7        | 28       | 49       | 86       | 146      | 264      | 275      | 129      | 17       | 1        |          |                    | JUL            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| AUG            |            |         |         |          |          |          |          | 8        |          | 12       | 18       | 32       | 54       | 100      | 128      | 251      | 247      | 134      | 20       | 3        |          |                    | AUG            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| SEP            |            |         |         |          |          |          |          |          | 32       | 46       | 82       | 101      | 124      | 140      | 184      | 156      | 105      | 18       |          |          |          |                    | SEP            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| OCT            |            |         |         |          | 1        | 3        | 21       | 80       | 126      | 128      | 110      | 144      | 137      | 118      | 98       | 33       |          |          |          |          |          |                    | OCT            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| NOV            |            |         |         | 4        | 8        | 26       | 86       | 162      | 248      | 188      | 137      | 80       | 51       | 10       |          |          |          |          |          |          |          |                    | NOV            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |
| DEC            | 4          | 11      | 8       | 20       | 109      | 191      | 240      | 268      | 115      | 31       | 2        |          |          |          |          |          |          |          |          |          |          |                    | DEC            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |  |  |  |  |

(con.)

Table 22 (Con.)

MINIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 102575 DIXIE |            | TEMPERATURE VALUES |              |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                | 1952-1980      |                     | PRD.<br>BEGINS |
|-----------------------------|------------|--------------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|----------------|
| PRD.<br>BEGINS              | BELOW<br>0 | 0<br>TO<br>4       | 5<br>TO<br>9 | 10<br>TO<br>14 | 15<br>TO<br>19 | 20<br>TO<br>24 | 25<br>TO<br>29 | 30<br>TO<br>34 | 35<br>TO<br>39 | 40<br>TO<br>44 | 45<br>TO<br>49 | 50<br>TO<br>54 | 55<br>TO<br>59 | 60<br>TO<br>64 | 65<br>TO<br>69 | 70<br>TO<br>74 | 75<br>TO<br>79 | 80<br>TO<br>84 | 85<br>TO<br>89 | 90<br>TO<br>94 | 95<br>TO<br>99 | 100<br>AND<br>ABOVE |                |
| JAN 1                       | 443        | 86                 | 89           | 143            | 89             | 79             | 43             | 25             | 4              |                |                |                |                |                |                |                |                |                |                |                |                |                     | JAN 1          |
| JAN 11                      | 286        | 89                 | 93           | 111            | 125            | 118            | 107            | 71             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | JAN 11         |
| JAN 21                      | 377        | 117                | 117          | 97             | 91             | 101            | 81             | 19             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | JAN 21         |
| FEB 1                       | 336        | 89                 | 111          | 139            | 129            | 114            | 54             | 25             | 4              |                |                |                |                |                |                |                |                |                |                |                |                |                     | FEB 1          |
| FEB 11                      | 207        | 100                | 132          | 161            | 161            | 121            | 68             | 50             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | FEB 11         |
| FEB 21                      | 251        | 139                | 113          | 177            | 117            | 108            | 61             | 35             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | FEB 21         |
| MAR 1                       | 257        | 111                | 100          | 161            | 171            | 121            | 50             | 29             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | MAR 1          |
| MAR 11                      | 211        | 111                | 161          | 154            | 118            | 168            | 64             | 14             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | MAR 11         |
| MAR 21                      | 101        | 71                 | 107          | 188            | 195            | 166            | 114            | 58             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | MAR 21         |
| APR 1                       | 21         | 46                 | 64           | 171            | 193            | 264            | 161            | 79             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | APR 1          |
| APR 11                      | 14         | 29                 | 71           | 154            | 186            | 211            | 239            | 96             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | APR 11         |
| APR 21                      |            |                    | 18           | 86             | 125            | 296            | 346            | 125            | 4              |                |                |                |                |                |                |                |                |                |                |                |                |                     | APR 21         |
| MAY 1                       |            | 4                  | 14           | 32             | 75             | 239            | 364            | 236            | 29             | 7              |                |                |                |                |                |                |                |                |                |                |                |                     | MAY 1          |
| MAY 11                      |            |                    | 4            |                | 7              | 29             | 221            | 382            | 289            | 61             | 7              |                |                |                |                |                |                |                |                |                |                |                     | MAY 11         |
| MAY 21                      |            |                    |              | 3              | 16             | 130            | 308            | 351            | 149            | 36             | 6              |                |                |                |                |                |                |                |                |                |                |                     | MAY 21         |
| JUN 1                       |            |                    |              |                |                | 50             | 254            | 332            | 200            | 132            | 29             | 4              |                |                |                |                |                |                |                |                |                |                     | JUN 1          |
| JUN 11                      |            |                    |              |                |                | 11             | 164            | 332            | 293            | 175            | 25             |                |                |                |                |                |                |                |                |                |                |                     | JUN 11         |
| JUN 21                      |            |                    |              |                |                | 21             | 150            | 321            | 296            | 146            | 57             | 7              |                |                |                |                |                |                |                |                |                |                     | JUN 21         |
| JUL 1                       |            |                    |              |                |                | 10             | 134            | 269            | 366            | 145            | 66             | 10             |                |                |                |                |                |                |                |                |                |                     | JUL 1          |
| JUL 11                      |            |                    |              |                |                |                | 66             | 276            | 310            | 221            | 93             | 31             | 3              |                |                |                |                |                |                |                |                |                     | JUL 11         |
| JUL 21                      |            |                    |              |                |                | 3              | 91             | 260            | 389            | 150            | 75             | 31             |                |                |                |                |                |                |                |                |                |                     | JUL 21         |
| AUG 1                       |            |                    |              |                |                |                | 118            | 382            | 286            | 129            | 71             | 14             |                |                |                |                |                |                |                |                |                |                     | AUG 1          |
| AUG 11                      |            |                    |              |                |                | 7              | 132            | 393            | 254            | 157            | 57             |                |                |                |                |                |                |                |                |                |                |                     | AUG 11         |
| AUG 21                      |            |                    |              |                | 3              | 32             | 273            | 341            | 240            | 68             | 42             |                |                |                |                |                |                |                |                |                |                |                     | AUG 21         |
| SEP 1                       |            |                    |              |                | 21             | 97             | 376            | 259            | 179            | 38             | 28             | 3              |                |                |                |                |                |                |                |                |                |                     | SEP 1          |
| SEP 11                      |            |                    | 3            | 17             | 38             | 183            | 331            | 210            | 152            | 41             | 24             |                |                |                |                |                |                |                |                |                |                |                     | SEP 11         |
| SEP 21                      |            |                    |              | 3              | 93             | 203            | 393            | 245            | 52             | 10             |                |                |                |                |                |                |                |                |                |                |                |                     | SEP 21         |
| OCT 1                       |            |                    |              | 41             | 145            | 359            | 297            | 107            | 48             | 3              |                |                |                |                |                |                |                |                |                |                |                |                     | OCT 1          |
| OCT 11                      |            |                    |              | 14             | 93             | 166            | 324            | 228            | 148            | 24             | 3              |                |                |                |                |                |                |                |                |                |                |                     | OCT 11         |
| OCT 21                      | 13         | 6                  | 50           | 101            | 261            | 280            | 208            | 72             | 6              | 3              |                |                |                |                |                |                |                |                |                |                |                |                     | OCT 21         |
| NOV 1                       | 39         | 36                 | 107          | 171            | 221            | 193            | 154            | 79             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | NOV 1          |
| NOV 11                      | 136        | 50                 | 71           | 114            | 196            | 182            | 164            | 75             | 11             |                |                |                |                |                |                |                |                |                |                |                |                |                     | NOV 11         |
| NOV 21                      | 221        | 121                | 118          | 121            | 154            | 143            | 96             | 21             | 4              |                |                |                |                |                |                |                |                |                |                |                |                |                     | NOV 21         |
| DEC 1                       | 259        | 103                | 121          | 162            | 145            | 103            | 83             | 24             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | DEC 1          |
| DEC 11                      | 310        | 103                | 128          | 124            | 117            | 93             | 93             | 31             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | DEC 11         |
| DEC 21                      | 326        | 135                | 113          | 100            | 138            | 103            | 47             | 34             | 3              |                |                |                |                |                |                |                |                |                |                |                |                |                     | DEC 21         |
| MONTH                       |            |                    |              |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | MONTH          |
| JAN                         | 369        | 98                 | 100          | 116            | 101            | 99             | 77             | 38             | 1              |                |                |                |                |                |                |                |                |                |                |                |                |                     | JAN            |
| FEB                         | 265        | 107                | 119          | 158            | 137            | 115            | 61             | 37             | 1              |                |                |                |                |                |                |                |                |                |                |                |                |                     | FEB            |
| MAR                         | 187        | 97                 | 122          | 168            | 162            | 152            | 77             | 35             |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | MAR            |
| APR                         | 12         | 25                 | 51           | 137            | 168            | 257            | 249            | 100            | 1              |                |                |                |                |                |                |                |                |                |                |                |                |                     | APR            |
| MAY                         |            | 1                  | 6            | 14             | 39             | 195            | 350            | 294            | 82             | 17             | 2              |                |                |                |                |                |                |                |                |                |                |                     | MAY            |
| JUN                         |            |                    |              |                |                | 27             | 189            | 329            | 263            | 151            | 37             | 4              |                |                |                |                |                |                |                |                |                |                     | JUN            |
| JUL                         |            |                    |              |                |                | 4              | 97             | 268            | 356            | 171            | 78             | 24             | 1              |                |                |                |                |                |                |                |                |                     | JUL            |
| AUG                         |            |                    |              |                | 1              | 14             | 177            | 371            | 259            | 116            | 56             | 5              |                |                |                |                |                |                |                |                |                |                     | AUG            |
| SEP                         |            |                    | 1            | 7              | 51             | 161            | 367            | 238            | 128            | 30             | 17             | 1              |                |                |                |                |                |                |                |                |                |                     | SEP            |
| OCT                         | 4          | 2                  | 22           | 79             | 193            | 320            | 243            | 108            | 26             | 3              |                |                |                |                |                |                |                |                |                |                |                |                     | OCT            |
| NOV                         | 132        | 69                 | 99           | 136            | 190            | 173            | 138            | 58             | 5              |                |                |                |                |                |                |                |                |                |                |                |                |                     | NOV            |
| DEC                         | 299        | 115                | 120          | 128            | 133            | 100            | 73             | 30             | 1              |                |                |                |                |                |                |                |                |                |                |                |                |                     | DEC            |

(con.)

Table 22 (Con.)

MAXIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 105708 |            |              |              | MC CALL        | TEMPERATURE VALUES |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | 1951-1980      |        |  |  |  |
|-----------------------|------------|--------------|--------------|----------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|----------------|--------|--|--|--|
| PRD.<br>BEGINS        | BELOW<br>0 | 0<br>TO<br>4 | 5<br>TO<br>9 | 10<br>TO<br>14 | 15<br>TO<br>19     | 20<br>TO<br>24 | 25<br>TO<br>29 | 30<br>TO<br>34 | 35<br>TO<br>39 | 40<br>TO<br>44 | 45<br>TO<br>49 | 50<br>TO<br>54 | 55<br>TO<br>59 | 60<br>TO<br>64 | 65<br>TO<br>69 | 70<br>TO<br>74 | 75<br>TO<br>79 | 80<br>TO<br>84 | 85<br>TO<br>89 | 90<br>TO<br>94 | 95<br>TO<br>99 | 100<br>AND<br>ABOVE | PRD.<br>BEGINS |        |  |  |  |
| JAN 1                 |            | 3            |              | 40             | 90                 | 187            | 217            | 270            | 140            | 50             | 3              |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 1  |  |  |  |
| JAN 11                |            |              | 10           | 3              | 33                 | 133            | 190            | 273            | 280            | 63             | 13             |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 11 |  |  |  |
| JAN 21                |            | 3            | 3            | 27             | 36                 | 158            | 158            | 348            | 170            | 88             | 9              |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 21 |  |  |  |
| FEB 1                 |            |              |              | 7              | 23                 | 37             | 73             | 340            | 317            | 147            | 33             | 13             | 10             |                |                |                |                |                |                |                |                |                     |                | FEB 1  |  |  |  |
| FEB 11                |            | 3            |              |                | 7                  | 63             | 87             | 337            | 230            | 177            | 73             | 23             |                |                |                |                |                |                |                |                |                |                     |                | FEB 11 |  |  |  |
| FEB 21                |            |              |              | 8              | 8                  | 73             | 81             | 218            | 290            | 169            | 117            | 36             |                |                |                |                |                |                |                |                |                |                     |                | FEB 21 |  |  |  |
| MAR 1                 |            |              |              |                | 3                  | 53             | 103            | 213            | 250            | 220            | 113            | 33             | 3              | 7              |                |                |                |                |                |                |                |                     |                | MAR 1  |  |  |  |
| MAR 11                |            |              |              |                |                    | 7              | 53             | 217            | 253            | 247            | 147            | 47             | 17             | 13             |                |                |                |                |                |                |                |                     |                | MAR 11 |  |  |  |
| MAR 21                |            |              |              |                | 3                  | 18             | 106            | 236            | 297            | 130            | 97             | 79             | 33             |                |                |                |                |                |                |                |                |                     |                | MAR 21 |  |  |  |
| APR 1                 |            |              |              |                |                    |                |                | 33             | 163            | 243            | 200            | 177            | 120            | 43             | 17             | 3              |                |                |                |                |                |                     |                | APR 1  |  |  |  |
| APR 11                |            |              |              |                |                    |                |                | 33             | 107            | 193            | 223            | 197            | 130            | 73             | 40             | 3              |                |                |                |                |                |                     |                | APR 11 |  |  |  |
| APR 21                |            |              |              |                |                    |                |                | 23             | 87             | 173            | 153            | 190            | 133            | 130            | 50             | 40             | 17             | 3              |                |                |                |                     |                | APR 21 |  |  |  |
| MAY 1                 |            |              |              |                |                    |                |                | 10             | 30             | 113            | 80             | 147            | 207            | 183            | 137            | 63             | 17             | 13             |                |                |                |                     |                | MAY 1  |  |  |  |
| MAY 11                |            |              |              |                |                    |                | 7              | 3              | 53             | 97             | 153            | 117            | 203            | 153            | 127            | 63             | 23             |                |                |                |                |                     |                | MAY 11 |  |  |  |
| MAY 21                |            |              |              |                |                    |                |                | 6              | 33             | 58             | 112            | 155            | 179            | 152            | 188            | 79             | 33             | 6              |                |                |                |                     |                | MAY 21 |  |  |  |
| JUN 1                 |            |              |              |                |                    |                |                |                | 7              | 13             | 87             | 100            | 170            | 153            | 227            | 167            | 60             | 13             | 3              |                |                |                     |                | JUN 1  |  |  |  |
| JUN 11                |            |              |              |                |                    |                |                |                | 3              | 7              | 73             | 97             | 133            | 150            | 203            | 190            | 83             | 40             | 20             |                |                |                     |                | JUN 11 |  |  |  |
| JUN 21                |            |              |              |                |                    |                |                |                |                |                |                | 37             | 63             | 133            | 143            | 180            | 147            | 177            | 120            |                |                |                     |                | JUN 21 |  |  |  |
| JUL 1                 |            |              |              |                |                    |                |                |                |                | 3              |                |                | 17             | 53             | 70             | 187            | 217            | 253            | 167            | 30             | 3              |                     |                | JUL 1  |  |  |  |
| JUL 11                |            |              |              |                |                    |                |                |                |                |                |                |                | 3              | 7              | 23             | 110            | 197            | 310            | 277            | 70             | 3              |                     |                | JUL 11 |  |  |  |
| JUL 21                |            |              |              |                |                    |                |                |                |                |                |                |                |                |                | 9              | 52             | 118            | 318            | 406            | 97             |                |                     |                | JUL 21 |  |  |  |
| AUG 1                 |            |              |              |                |                    |                |                |                |                |                |                |                |                | 10             | 33             | 93             | 173            | 293            | 313            | 77             | 7              |                     |                | AUG 1  |  |  |  |
| AUG 11                |            |              |              |                |                    |                |                |                |                | 3              | 7              | 23             | 20             | 53             | 57             | 183            | 300            | 283            | 67             | 3              |                |                     |                | AUG 11 |  |  |  |
| AUG 21                |            |              |              |                |                    |                |                |                |                | 6              | 9              | 52             | 82             | 109            | 185            | 185            | 191            | 136            | 39             | 6              |                |                     |                | AUG 21 |  |  |  |
| SEP 1                 |            |              |              |                |                    |                |                |                |                | 7              | 7              | 30             | 110            | 123            | 190            | 227            | 230            | 70             | 7              |                |                |                     |                | SEP 1  |  |  |  |
| SEP 11                |            |              |              |                |                    |                |                |                | 7              | 20             | 63             | 107            | 170            | 117            | 183            | 173            | 143            | 17             |                |                |                |                     |                | SEP 11 |  |  |  |
| SEP 21                |            |              |              |                |                    |                |                | 3              | 7              | 67             | 77             | 103            | 153            | 170            | 167            | 150            | 97             | 7              |                |                |                |                     |                | SEP 21 |  |  |  |
| OCT 1                 |            |              |              |                |                    |                |                | 10             | 47             | 60             | 140            | 100            | 120            | 207            | 193            | 113            | 10             |                |                |                |                |                     |                | OCT 1  |  |  |  |
| OCT 11                |            |              |              |                |                    |                |                | 13             | 90             | 110            | 150            | 117            | 253            | 137            | 103            | 27             |                |                |                |                |                |                     |                | OCT 11 |  |  |  |
| OCT 21                |            |              |              |                |                    |                | 6              | 49             | 76             | 146            | 140            | 179            | 173            | 140            | 88             | 3              |                |                |                |                |                |                     |                | OCT 21 |  |  |  |
| NOV 1                 |            |              |              |                |                    |                | 10             | 53             | 107            | 247            | 187            | 203            | 130            | 57             | 7              |                |                |                |                |                |                |                     |                | NOV 1  |  |  |  |
| NOV 11                |            | 3            |              | 10             | 7                  | 13             | 37             | 217            | 240            | 213            | 150            | 93             | 17             |                |                | 3              |                |                |                |                |                |                     |                | NOV 11 |  |  |  |
| NOV 21                |            |              |              |                |                    |                | 27             | 97             | 297            | 283            | 200            | 60             | 27             | 7              | 3              |                |                |                |                |                |                |                     |                | NOV 21 |  |  |  |
| DEC 1                 |            |              | 7            | 20             | 20                 | 63             | 133            | 323            | 263            | 100            | 63             | 7              |                |                |                |                |                |                |                |                |                |                     |                | DEC 1  |  |  |  |
| DEC 11                |            |              | 7            | 17             | 10                 | 117            | 200            | 290            | 257            | 80             | 23             |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 11 |  |  |  |
| DEC 21                |            |              | 6            | 15             | 24                 | 115            | 255            | 361            | 155            | 61             | 9              |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 21 |  |  |  |
| MONTH                 |            |              |              |                |                    |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | MONTH          |        |  |  |  |
| JAN                   |            | 2            |              | 4              | 24                 | 53             | 159            | 187            | 299            | 196            | 68             | 9              |                |                |                |                |                |                |                |                |                |                     |                | JAN    |  |  |  |
| FEB                   |            | 1            |              |                | 5                  | 13             | 57             | 80             | 303            | 278            | 164            | 72             | 24             | 60             | 34             | 18             |                |                |                |                |                |                     |                | FEB    |  |  |  |
| MAR                   |            |              |              |                |                    | 1              | 20             | 57             |                | 176            | 246            | 256            | 130            |                |                |                |                |                |                |                |                |                     |                | MAR    |  |  |  |
| APR                   |            |              |              |                |                    |                |                |                | 30             | 119            | 203            | 192            | 188            | 128            | 82             | 36             | 16             |                |                |                |                |                     |                | APR    |  |  |  |
| MAY                   |            |              |              |                |                    |                |                | 5              | 13             | 66             | 77             | 137            | 159            | 188            | 147            | 128            | 54             | 24             | 2              |                |                |                     |                | MAY    |  |  |  |
| JUN                   |            |              |              |                |                    |                |                |                |                |                | 3              | 7              | 66             | 87             | 146            | 149            | 203            | 168            | 107            | 58             | 8              |                     |                | JUN    |  |  |  |
| JUL                   |            |              |              |                |                    |                |                |                |                |                |                | 1              |                | 6              | 19             | 33             | 114            | 175            | 295            | 287            | 67             | 2                   |                | JUL    |  |  |  |
| AUG                   |            |              |              |                |                    |                |                |                |                |                |                | 3              | 5              | 26             | 39             | 67             | 114            | 181            | 259            | 241            | 60             | 5                   |                | AUG    |  |  |  |
| SEP                   |            |              |              |                |                    |                |                |                |                |                |                | 31             | 49             | 80             | 144            | 137            | 180            | 183            | 157            | 31             | 2              |                     |                | SEP    |  |  |  |
| OCT                   |            |              |              |                |                    |                | 2              | 17             | 34             | 96             | 104            | 157            | 131            | 170            | 142            | 97             | 45             | 3              |                |                |                |                     |                | OCT    |  |  |  |
| NOV                   |            | 1            |              |                | 3                  | 2              | 13             | 48             | 189            | 210            | 220            | 132            | 108            | 51             | 20             | 2              |                |                |                |                |                |                     |                | NOV    |  |  |  |
| DEC                   |            |              | 6            | 17             | 18                 | 99             | 198            | 326            | 223            | 80             | 31             | 2              |                |                |                |                |                |                |                |                |                |                     |                | DEC    |  |  |  |

(con.)

Table 22 (Con.)

MINIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 105708 |     | MC CALL |     | TEMPERATURE VALUES |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |           |        |  | 1951-1980 |  |  |  |  |
|----------------|-------|--------|-----|---------|-----|--------------------|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|-----------|--------|--|-----------|--|--|--|--|
| PRD.           | BELOW | 0      | 5   | 10      | 15  | 20                 | 25  | 30  | 35  | 40  | 45  | 50  | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100       | PRD.   |  |           |  |  |  |  |
| BEGINS         | 0     | 4      | 9   | 14      | 19  | 24                 | 29  | 34  | 39  | 44  | 49  | 54  | 59 | 64 | 69 | 74 | 79 | 84 | 89 | 94 | 99 | AND ABOVE | BEGINS |  |           |  |  |  |  |
| JAN 1          | 260   | 77     | 93  | 167     | 110 | 137                | 83  | 70  | 3   |     |     |     |    |    |    |    |    |    |    |    |    |           | JAN 1  |  |           |  |  |  |  |
| JAN 11         | 117   | 77     | 77  | 133     | 127 | 170                | 133 | 153 | 13  |     |     |     |    |    |    |    |    |    |    |    |    |           | JAN 11 |  |           |  |  |  |  |
| JAN 21         | 218   | 106    | 91  | 136     | 109 | 155                | 103 | 82  |     |     |     |     |    |    |    |    |    |    |    |    |    |           | JAN 21 |  |           |  |  |  |  |
| FEB 1          | 143   | 93     | 157 | 93      | 137 | 137                | 140 | 100 |     |     |     |     |    |    |    |    |    |    |    |    |    |           | FEB 1  |  |           |  |  |  |  |
| FEB 11         | 90    | 97     | 103 | 123     | 160 | 163                | 157 | 107 |     |     |     |     |    |    |    |    |    |    |    |    |    |           | FEB 11 |  |           |  |  |  |  |
| FEB 21         | 137   | 97     | 85  | 161     | 161 | 157                | 109 | 89  | 4   |     |     |     |    |    |    |    |    |    |    |    |    |           | FEB 21 |  |           |  |  |  |  |
| MAR 1          | 110   | 80     | 97  | 213     | 147 | 143                | 97  | 110 | 3   |     |     |     |    |    |    |    |    |    |    |    |    |           | MAR 1  |  |           |  |  |  |  |
| MAR 11         | 83    | 77     | 120 | 150     | 163 | 173                | 167 | 57  | 10  |     |     |     |    |    |    |    |    |    |    |    |    |           | MAR 11 |  |           |  |  |  |  |
| MAR 21         | 24    | 45     | 42  | 133     | 145 | 267                | 197 | 145 |     |     |     |     |    |    |    |    |    |    |    |    |    |           | MAR 21 |  |           |  |  |  |  |
| APR 1          | 7     | 3      | 20  | 50      | 160 | 277                | 503 | 173 | 7   |     |     |     |    |    |    |    |    |    |    |    |    |           | APR 1  |  |           |  |  |  |  |
| APR 11         |       |        |     | 40      | 107 | 313                | 290 | 230 | 20  |     |     |     |    |    |    |    |    |    |    |    |    |           | APR 11 |  |           |  |  |  |  |
| APR 21         |       |        |     | 3       | 43  | 153                | 593 | 310 | 90  | 7   |     |     |    |    |    |    |    |    |    |    |    |           | APR 21 |  |           |  |  |  |  |
| MAY 1          |       |        |     |         | 10  | 80                 | 240 | 390 | 210 | 67  | 3   |     |    |    |    |    |    |    |    |    |    |           | MAY 1  |  |           |  |  |  |  |
| MAY 11         |       |        |     |         | 7   | 37                 | 167 | 397 | 257 | 123 | 13  |     |    |    |    |    |    |    |    |    |    |           | MAY 11 |  |           |  |  |  |  |
| MAY 21         |       |        |     |         | 3   | 18                 | 103 | 309 | 285 | 200 | 61  | 18  | 3  |    |    |    |    |    |    |    |    |           | MAY 21 |  |           |  |  |  |  |
| JUN 1          |       |        |     |         |     |                    | 53  | 187 | 273 | 297 | 147 | 37  | 7  |    |    |    |    |    |    |    |    |           | JUN 1  |  |           |  |  |  |  |
| JUN 11         |       |        |     |         |     |                    | 17  | 123 | 260 | 320 | 217 | 57  | 7  |    |    |    |    |    |    |    |    |           | JUN 11 |  |           |  |  |  |  |
| JUN 21         |       |        |     |         |     | 3                  | 23  | 123 | 257 | 323 | 213 | 43  | 13 |    |    |    |    |    |    |    |    |           | JUN 21 |  |           |  |  |  |  |
| JUL 1          |       |        |     |         |     |                    | 10  | 63  | 180 | 363 | 247 | 117 | 20 |    |    |    |    |    |    |    |    |           | JUL 1  |  |           |  |  |  |  |
| JUL 11         |       |        |     |         |     |                    |     | 10  | 177 | 263 | 300 | 197 | 40 | 13 |    |    |    |    |    |    |    |           | JUL 11 |  |           |  |  |  |  |
| JUL 21         |       |        |     |         |     |                    |     | 21  | 112 | 367 | 270 | 158 | 70 | 3  |    |    |    |    |    |    |    |           | JUL 21 |  |           |  |  |  |  |
| AUG 1          |       |        |     |         |     |                    | 7   | 43  | 163 | 350 | 257 | 120 | 57 | 3  |    |    |    |    |    |    |    |           | AUG 1  |  |           |  |  |  |  |
| AUG 11         |       |        |     |         |     |                    | 3   | 63  | 227 | 347 | 243 | 70  | 43 |    | 3  |    |    |    |    |    |    |           | AUG 11 |  |           |  |  |  |  |
| AUG 21         |       |        |     |         |     |                    | 48  | 161 | 258 | 306 | 161 | 55  | 12 |    |    |    |    |    |    |    |    |           | AUG 21 |  |           |  |  |  |  |
| SEP 1          |       |        |     |         |     | 7                  | 77  | 220 | 320 | 227 | 120 | 23  | 3  | 3  |    |    |    |    |    |    |    |           | SEP 1  |  |           |  |  |  |  |
| SEP 11         |       |        |     |         | 3   | 37                 | 110 | 263 | 277 | 200 | 93  | 17  |    |    |    |    |    |    |    |    |    |           | SEP 11 |  |           |  |  |  |  |
| SEP 21         |       |        |     |         | 3   | 77                 | 180 | 330 | 240 | 120 | 43  | 7   |    |    |    |    |    |    |    |    |    |           | SEP 21 |  |           |  |  |  |  |
| OCT 1          |       |        |     | 3       | 30  | 120                | 230 | 393 | 120 | 70  | 33  |     |    |    |    |    |    |    |    |    |    |           | OCT 1  |  |           |  |  |  |  |
| OCT 11         |       |        |     | 3       | 27  | 177                | 273 | 310 | 130 | 73  | 3   | 3   |    |    |    |    |    |    |    |    |    |           | OCT 11 |  |           |  |  |  |  |
| OCT 21         |       |        | 6   | 30      | 76  | 240                | 328 | 234 | 61  | 18  | 6   |     |    |    |    |    |    |    |    |    |    |           | OCT 21 |  |           |  |  |  |  |
| NOV 1          |       | 3      | 13  | 47      | 123 | 257                | 257 | 237 | 53  | 10  |     |     |    |    |    |    |    |    |    |    |    |           | NOV 1  |  |           |  |  |  |  |
| NOV 11         | 17    | 23     | 57  | 113     | 123 | 160                | 193 | 233 | 80  |     |     |     |    |    |    |    |    |    |    |    |    |           | NOV 11 |  |           |  |  |  |  |
| NOV 21         | 40    | 33     | 90  | 140     | 173 | 157                | 197 | 163 | 7   |     |     |     |    |    |    |    |    |    |    |    |    |           | NOV 21 |  |           |  |  |  |  |
| DEC 1          | 53    | 43     | 87  | 200     | 130 | 220                | 163 | 100 | 3   |     |     |     |    |    |    |    |    |    |    |    |    |           | DEC 1  |  |           |  |  |  |  |
| DEC 11         | 67    | 84     | 114 | 144     | 174 | 134                | 140 | 134 | 10  |     |     |     |    |    |    |    |    |    |    |    |    |           | DEC 11 |  |           |  |  |  |  |
| DEC 21         | 82    | 106    | 158 | 152     | 118 | 161                | 121 | 94  | 9   |     |     |     |    |    |    |    |    |    |    |    |    |           | DEC 21 |  |           |  |  |  |  |
| MONTH          |       |        |     |         |     |                    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |           | MONTH  |  |           |  |  |  |  |
| JAN            | 199   | 87     | 87  | 145     | 115 | 154                | 106 | 101 | 5   |     |     |     |    |    |    |    |    |    |    |    |    |           | JAN    |  |           |  |  |  |  |
| FEB            | 123   | 96     | 117 | 124     | 152 | 152                | 137 | 99  | 1   |     |     |     |    |    |    |    |    |    |    |    |    |           | FEB    |  |           |  |  |  |  |
| MAR            | 71    | 67     | 85  | 165     | 152 | 197                | 155 | 105 | 4   |     |     |     |    |    |    |    |    |    |    |    |    |           | MAR    |  |           |  |  |  |  |
| APR            | 2     | 1      | 7   | 31      | 103 | 248                | 329 | 238 | 39  | 2   |     |     |    |    |    |    |    |    |    |    |    |           | APR    |  |           |  |  |  |  |
| MAY            |       |        |     |         | 6   | 44                 | 168 | 363 | 252 | 132 | 27  | 6   | 1  |    |    |    |    |    |    |    |    |           | MAY    |  |           |  |  |  |  |
| JUN            |       |        |     |         |     | 1                  | 31  | 144 | 263 | 313 | 192 | 46  | 9  |    |    |    |    |    |    |    |    |           | JUN    |  |           |  |  |  |  |
| JUL            |       |        |     |         |     |                    | 3   | 31  | 155 | 332 | 272 | 157 | 44 | 5  |    |    |    |    |    |    |    |           | JUL    |  |           |  |  |  |  |
| AUG            |       |        |     |         |     |                    | 20  | 91  | 217 | 333 | 218 | 81  | 37 | 1  | 1  |    |    |    |    |    |    |           | AUG    |  |           |  |  |  |  |
| SEP            |       |        |     |         | 2   | 40                 | 122 | 271 | 279 | 182 | 86  | 16  | 1  | 1  |    |    |    |    |    |    |    |           | SEP    |  |           |  |  |  |  |
| OCT            |       |        | 2   | 13      | 45  | 181                | 279 | 310 | 102 | 53  | 14  | 1   |    |    |    |    |    |    |    |    |    |           | OCT    |  |           |  |  |  |  |
| NOV            | 19    | 20     | 53  | 100     | 140 | 191                | 216 | 211 | 47  | 3   |     |     |    |    |    |    |    |    |    |    |    |           | NOV    |  |           |  |  |  |  |
| DEC            | 68    | 79     | 121 | 165     | 140 | 171                | 141 | 109 | 8   |     |     |     |    |    |    |    |    |    |    |    |    |           | DEC    |  |           |  |  |  |  |

(con.)

Table 22 (Con.)

MAXIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 105897 |    | MIDDLE FORK LODGE |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | TEMPERATURE VALUES |        |     |  |  |  |  |  |  |  | 1971-1981 |  |  |  |  |  |  |  |  |  |
|----------------|-------|--------|----|-------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|--------|-----|--|--|--|--|--|--|--|-----------|--|--|--|--|--|--|--|--|--|
| PRD.           | BELOW | 0      | 5  | 10                | 15 | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 95  | 100                | PRD.   |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| BEGINS         | 0     | 4      | 9  | 14                | 19 | 24  | 29  | 34  | 39  | 44  | 49  | 54  | 59  | 64  | 69  | 74  | 79  | 84  | 89  | 94  | 99  | AND ABOVE          | BEGINS |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JAN 1          |       | 20     | 51 | 131               | 61 | 101 | 152 | 152 | 263 | 61  |     |     | 10  |     |     |     |     |     |     |     |     |                    | JAN 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JAN 11         |       |        |    |                   | 10 | 50  | 150 | 120 | 290 | 280 | 80  | 20  |     |     |     |     |     |     |     |     |     |                    | JAN 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JAN 21         |       |        |    | 18                | 55 | 46  | 147 | 211 | 266 | 202 | 55  |     |     |     |     |     |     |     |     |     |     |                    | JAN 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| FEB 1          |       |        |    | 11                | 44 | 67  | 44  | 89  | 289 | 344 | 100 | 11  |     |     |     |     |     |     |     |     |     |                    | FEB 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| FEB 11         |       |        |    |                   |    |     | 11  | 44  | 267 | 333 | 178 | 89  | 78  |     |     |     |     |     |     |     |     |                    | FEB 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| FEB 21         |       |        |    |                   |    |     | 14  | 41  | 162 | 338 | 257 | 162 | 14  | 14  |     |     |     |     |     |     |     |                    | FEB 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| MAR 1          |       |        |    |                   |    |     | 20  | 70  | 100 | 160 | 280 | 240 | 100 | 20  |     | 10  |     |     |     |     |     |                    | MAR 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| MAR 11         |       |        |    |                   |    |     |     |     | 100 | 210 | 210 | 190 | 120 | 130 | 40  |     |     |     |     |     |     |                    | MAR 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| MAR 21         |       |        |    |                   |    | 9   | 19  | 111 | 194 | 241 | 139 | 120 | 56  | 93  | 19  |     |     |     |     |     |     |                    | MAR 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| APR 1          |       |        |    |                   |    |     |     | 48  | 124 | 267 | 200 | 133 | 105 | 67  | 38  |     |     |     |     |     |     |                    | APR 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| APR 11         |       |        |    |                   |    |     |     | 18  | 64  | 164 | 164 | 182 | 191 | 100 | 73  | 45  |     |     |     |     |     |                    | APR 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| APR 21         |       |        |    |                   |    |     |     |     | 28  | 83  | 119 | 220 | 193 | 110 | 110 | 110 | 26  |     |     |     |     |                    | APR 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| MAY 1          |       |        |    |                   |    |     |     |     | 30  | 60  | 80  | 160 | 230 | 250 | 100 | 80  | 10  |     |     |     |     |                    | MAY 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| MAY 11         |       |        |    |                   |    |     |     |     |     | 70  | 100 | 170 | 120 | 90  | 200 | 150 | 80  | 20  |     |     |     |                    | MAY 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| MAY 21         |       |        |    |                   |    |     |     |     |     | 9   | 64  | 91  | 155 | 218 | 218 | 100 | 127 | 18  |     |     |     |                    | MAY 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JUN 1          |       |        |    |                   |    |     |     |     |     |     | 9   | 19  | 140 | 121 | 178 | 215 | 234 | 56  | 19  | 9   |     |                    | JUN 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JUN 11         |       |        |    |                   |    |     |     |     |     | 9   | 37  | 55  | 83  | 128 | 183 | 229 | 119 | 83  | 28  | 46  |     |                    | JUN 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JUN 21         |       |        |    |                   |    |     |     |     |     |     |     | 9   | 9   |     | 27  | 127 | 100 | 164 | 236 | 182 | 118 | 27                 | JUN 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JUL 1          |       |        |    |                   |    |     |     |     |     |     |     |     |     | 23  | 23  | 114 | 170 | 227 | 216 | 136 | 91  |                    | JUL 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JUL 11         |       |        |    |                   |    |     |     |     |     |     |     |     |     |     | 33  | 11  | 111 | 211 | 267 | 267 | 89  | 11                 | JUL 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JUL 21         |       |        |    |                   |    |     |     |     |     |     |     |     |     |     |     | 21  | 63  | 137 | 242 | 379 | 126 | 21                 | JUL 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| AUG 1          |       |        |    |                   |    |     |     |     |     |     |     |     |     | 11  |     |     |     |     |     |     |     |                    | AUG 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| AUG 11         |       |        |    |                   |    |     |     |     |     |     |     |     |     |     | 40  | 40  | 71  | 131 | 263 | 293 | 152 | 10                 | AUG 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| AUG 21         |       |        |    |                   |    |     |     |     |     |     |     |     | 9   | 37  | 64  | 92  | 174 | 239 | 193 | 119 | 73  |                    | AUG 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| SEP 1          |       |        |    |                   |    |     |     |     |     |     |     |     |     | 10  | 20  | 40  | 100 | 160 | 350 | 220 | 100 |                    | SEP 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| SEP 11         |       |        |    |                   |    |     |     |     |     | 10  |     | 20  | 111 | 61  | 121 | 121 | 192 | 162 | 111 | 61  | 30  |                    | SEP 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| SEP 21         |       |        |    |                   |    |     |     |     |     | 10  | 20  | 51  | 92  | 122 | 92  | 204 | 194 | 143 | 61  | 10  |     |                    | SEP 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| OCT 1          |       |        |    |                   |    |     |     |     |     | 10  | 19  | 67  | 95  | 95  | 181 | 114 | 305 | 95  | 19  |     |     |                    | OCT 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| OCT 11         |       |        |    |                   |    |     |     |     |     | 20  | 59  | 108 | 186 | 98  | 235 | 167 | 108 | 20  |     |     |     |                    | OCT 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| OCT 21         |       |        |    |                   |    | 8   |     |     | 41  | 107 | 149 | 207 | 215 | 157 | 91  | 25  |     |     |     |     |     |                    | OCT 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| NOV 1          |       |        |    |                   |    | 11  | 21  | 64  | 128 | 223 | 181 | 255 | 106 | 11  |     |     |     |     |     |     |     |                    | NOV 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| NOV 11         |       |        |    |                   |    | 11  | 43  | 247 | 269 | 312 | 54  | 43  |     |     |     |     |     |     |     |     |     |                    | NOV 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| NOV 21         |       |        |    |                   |    | 30  | 80  | 210 | 290 | 210 | 110 | 60  | 10  |     |     |     |     |     |     |     |     |                    | NOV 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| DEC 1          |       | 10     | 20 | 40                | 20 | 20  | 50  | 170 | 300 | 150 | 150 | 50  | 20  |     |     |     |     |     |     |     |     |                    | DEC 1  |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| DEC 11         |       | 11     |    | 22                | 43 | 22  | 97  | 226 | 269 | 247 | 54  | 11  |     |     |     |     |     |     |     |     |     |                    | DEC 11 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| DEC 21         |       | 9      | 9  |                   | 19 | 65  | 176 | 194 | 259 | 185 | 74  | 9   |     |     |     |     |     |     |     |     |     |                    | DEC 21 |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| MONTH          |       |        |    |                   |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | MONTH              |        |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JAN            |       | 6      | 16 | 49                | 42 | 65  | 149 | 162 | 273 | 182 | 45  | 6   | 3   |     |     |     |     |     |     |     |     |                    | JAN    |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| FEB            |       |        |    | 4                 | 16 | 24  | 24  | 59  | 244 | 339 | 173 | 83  | 31  | 4   |     |     |     |     |     |     |     |                    | FEB    |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| MAR            |       |        |    |                   |    |     | 10  | 29  | 104 | 188 | 244 | 188 | 114 | 68  | 45  | 10  |     |     |     |     |     |                    | MAR    |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| APR            |       |        |    |                   |    |     |     |     | 22  | 71  | 170 | 160 | 179 | 164 | 93  | 74  | 59  | 9   |     |     |     |                    | APR    |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| MAY            |       |        |    |                   |    |     |     |     |     | 10  | 45  | 81  | 139 | 168 | 187 | 174 | 110 | 74  | 13  |     |     |                    | MAY    |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JUN            |       |        |    |                   |    |     |     |     |     |     | 3   | 18  | 28  | 83  | 126 | 153 | 202 | 196 | 107 | 55  | 28  |                    | JUN    |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| JUL            |       |        |    |                   |    |     |     |     |     |     |     |     |     | 11  | 18  | 48  | 114 | 190 | 242 | 264 | 103 | 11                 | JUL    |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| AUG            |       |        |    |                   |    |     |     |     |     | 7   | 7   | 24  | 71  | 3   | 29  | 46  | 65  | 114 | 192 | 225 | 215 | 107                | 3      | AUG |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| SEP            |       |        |    |                   |    |     | 3   |     | 15  | 49  | 79  | 131 | 168 | 119 | 67  | 84  | 141 | 182 | 219 | 131 | 57  | 10                 | SEP    |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| OCT            |       |        |    |                   |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                    | OCT    |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| NOV            |       |        |    |                   |    | 10  | 35  | 94  | 202 | 202 | 213 | 98  | 101 | 42  | 3   |     |     |     |     |     |     |                    | NOV    |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |
| DEC            |       | 10     | 10 | 20                | 27 | 37  | 110 | 196 | 276 | 193 | 93  | 23  | 7   |     |     |     |     |     |     |     |     |                    | DEC    |     |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |

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Table 22 (Con.)

MINIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 105897 |            | MIDDLE FORK LODGE |        | TEMPERATURE VALUES |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 1971-1981 |                     | PRD.<br>BEGINS |
|-----------------------|------------|-------------------|--------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|---------------------|----------------|
| PRD.<br>BEGINS        | BELOW<br>0 | 0<br>4            | 5<br>9 | 10<br>14           | 15<br>19 | 20<br>24 | 25<br>29 | 30<br>34 | 35<br>39 | 40<br>44 | 45<br>49 | 50<br>54 | 55<br>59 | 60<br>64 | 65<br>69 | 70<br>74 | 75<br>79 | 80<br>84 | 85<br>89 | 90<br>94 | 95<br>99  | 100<br>AND<br>ABOVE |                |
| JAN 1                 | 330        | 80                | 130    | 120                | 140      | 100      | 80       | 20       |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | JAN 1          |
| JAN 11                | 100        | 50                | 110    | 180                | 90       | 160      | 200      | 110      |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | JAN 11         |
| JAN 21                | 147        | 92                | 183    | 165                | 128      | 119      | 119      | 46       |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | JAN 21         |
| FEB 1                 | 133        | 22                | 300    | 122                | 144      | 167      | 89       | 22       |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | FEB 1          |
| FEB 11                |            | 33                | 111    | 100                | 278      | 233      | 122      | 122      |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | FEB 11         |
| FEB 21                | 14         | 81                | 108    | 95                 | 243      | 162      | 257      | 41       |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | FEB 21         |
| MAR 1                 | 20         | 10                | 30     | 90                 | 160      | 290      | 290      | 100      | 10       |          |          |          |          |          |          |          |          |          |          |          |           |                     | MAR 1          |
| MAR 11                |            |                   |        | 70                 | 200      | 340      | 250      | 110      | 30       |          |          |          |          |          |          |          |          |          |          |          |           |                     | MAR 11         |
| MAR 21                |            | 19                |        | 46                 | 130      | 296      | 361      | 139      | 9        |          |          |          |          |          |          |          |          |          |          |          |           |                     | MAR 21         |
| APR 1                 |            |                   |        | 29                 | 76       | 162      | 467      | 238      | 29       |          |          |          |          |          |          |          |          |          |          |          |           |                     | APR 1          |
| APR 11                |            |                   |        |                    | 36       | 218      | 436      | 255      | 45       | 9        |          |          |          |          |          |          |          |          |          |          |           |                     | APR 11         |
| APR 21                |            |                   |        |                    |          | 46       | 284      | 376      | 202      | 92       |          |          |          |          |          |          |          |          |          |          |           |                     | APR 21         |
| MAY 1                 |            |                   |        |                    |          | 20       | 200      | 440      | 290      | 50       |          |          |          |          |          |          |          |          |          |          |           |                     | MAY 1          |
| MAY 11                |            |                   |        |                    |          | 20       | 120      | 370      | 360      | 120      | 10       |          |          |          |          |          |          |          |          |          |           |                     | MAY 11         |
| MAY 21                |            |                   |        |                    |          |          | 127      | 245      | 345      | 218      | 64       |          |          |          |          |          |          |          |          |          |           |                     | MAY 21         |
| JUN 1                 |            |                   |        |                    |          | 9        | 56       | 224      | 271      | 262      | 121      | 47       | 9        |          |          |          |          |          |          |          |           |                     | JUN 1          |
| JUN 11                |            |                   |        |                    |          |          | 9        | 128      | 321      | 349      | 165      | 28       |          |          |          |          |          |          |          |          |           |                     | JUN 11         |
| JUN 21                |            |                   |        |                    |          |          | 9        | 45       | 236      | 355      | 300      | 55       |          |          |          |          |          |          |          |          |           |                     | JUN 21         |
| JUL 1                 |            |                   |        |                    |          |          |          | 68       | 182      | 284      | 352      | 114      |          |          |          |          |          |          |          |          |           |                     | JUL 1          |
| JUL 11                |            |                   |        |                    |          |          |          | 11       | 67       | 344      | 367      | 122      | 67       | 11       | 11       |          |          |          |          |          |           |                     | JUL 11         |
| JUL 21                |            |                   |        |                    |          |          |          |          | 11       | 179      | 632      | 147      | 32       |          |          |          |          |          |          |          |           |                     | JUL 21         |
| AUG 1                 |            |                   |        |                    |          |          |          |          | 71       | 293      | 455      | 152      | 30       |          |          |          |          |          |          |          |           |                     | AUG 1          |
| AUG 11                |            |                   |        |                    |          |          |          | 40       | 192      | 283      | 394      | 61       | 30       |          |          |          |          |          |          |          |           |                     | AUG 11         |
| AUG 21                |            |                   |        |                    |          |          |          | 128      | 211      | 440      | 193      | 28       |          |          |          |          |          |          |          |          |           |                     | AUG 21         |
| SEP 1                 |            |                   |        |                    |          |          | 40       | 220      | 330      | 320      | 60       | 30       |          |          |          |          |          |          |          |          |           |                     | SEP 1          |
| SEP 11                |            |                   |        |                    |          |          | 51       | 214      | 286      | 388      | 41       | 20       |          |          |          |          |          |          |          |          |           |                     | SEP 11         |
| SEP 21                |            |                   |        |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | SEP 21         |
| OCT 1                 |            |                   |        |                    | 10       | 105      | 295      | 419      | 152      | 19       |          |          |          |          |          |          |          |          |          |          |           |                     | OCT 1          |
| OCT 11                |            |                   |        |                    | 20       | 127      | 324      | 324      | 147      | 59       |          |          |          |          |          |          |          |          |          |          |           |                     | OCT 11         |
| OCT 21                |            | 17                |        | 17                 | 75       | 267      | 350      | 225      | 42       | 8        |          |          |          |          |          |          |          |          |          |          |           |                     | OCT 21         |
| NOV 1                 |            |                   | 32     | 32                 | 181      | 191      | 287      | 202      | 53       | 21       |          |          |          |          |          |          |          |          |          |          |           |                     | NOV 1          |
| NOV 11                |            | 11                | 43     | 129                | 140      | 194      | 312      | 151      | 22       |          |          |          |          |          |          |          |          |          |          |          |           |                     | NOV 11         |
| NOV 21                | 30         | 40                | 90     | 150                | 280      | 280      | 90       | 40       |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | NOV 21         |
| DEC 1                 | 120        | 20                | 80     | 160                | 170      | 170      | 190      | 90       |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | DEC 1          |
| DEC 11                | 86         | 32                | 108    | 312                | 172      | 151      | 97       | 43       |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | DEC 11         |
| DEC 21                | 56         | 102               | 130    | 231                | 93       | 167      | 120      | 102      |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | DEC 21         |
| MONTH                 |            |                   |        |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | MONTH          |
| JAN                   | 191        | 74                | 142    | 155                | 120      | 126      | 133      | 58       |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | JAN            |
| FEB                   | 51         | 43                | 177    | 106                | 220      | 189      | 150      | 63       |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | FEB            |
| MAR                   | 6          | 10                | 10     | 68                 | 162      | 308      | 302      | 117      | 16       |          |          |          |          |          |          |          |          |          |          |          |           |                     | MAR            |
| APR                   |            |                   |        | 9                  | 37       | 142      | 395      | 290      | 93       | 34       |          |          |          |          |          |          |          |          |          |          |           |                     | APR            |
| MAY                   |            |                   |        |                    |          | 13       | 148      | 348      | 332      | 132      | 26       |          |          |          |          |          |          |          |          |          |           |                     | MAY            |
| JUN                   |            |                   |        |                    |          | 3        | 25       | 132      | 276      | 322      | 196      | 43       | 3        |          |          |          |          |          |          |          |           |                     | JUN            |
| JUL                   |            |                   |        |                    |          |          |          | 26       | 84       | 267      | 454      | 128      | 33       | 4        | 4        |          |          |          |          |          |           |                     | JUL            |
| AUG                   |            |                   |        |                    |          |          |          | 59       | 160      | 342      | 342      | 78       | 20       |          |          |          |          |          |          |          |           |                     | AUG            |
| SEP                   |            |                   |        |                    |          | 30       | 108      | 246      | 360      | 195      | 40       | 20       |          |          |          |          |          |          |          |          |           |                     | SEP            |
| OCT                   |            | 6                 |        | 6                  | 37       | 171      | 324      | 318      | 110      | 28       |          |          |          |          |          |          |          |          |          |          |           |                     | OCT            |
| NOV                   | 10         | 17                | 56     | 105                | 202      | 223      | 226      | 129      | 24       | 7        |          |          |          |          |          |          |          |          |          |          |           |                     | NOV            |
| DEC                   | 86         | 53                | 106    | 233                | 143      | 163      | 136      | 80       |          |          |          |          |          |          |          |          |          |          |          |          |           |                     | DEC            |

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Table 22 (Con.)

## MAXIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 107706 RIGGINS |            | TEMPERATURE VALUES |              |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                | 1951-1980           |                |        |        |  |  |
|-------------------------------|------------|--------------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|----------------|--------|--------|--|--|
| PRD.<br>BEGINS                | BELOW<br>0 | 0<br>TO<br>4       | 5<br>TO<br>9 | 10<br>TO<br>14 | 15<br>TO<br>19 | 20<br>TO<br>24 | 25<br>TO<br>29 | 30<br>TO<br>34 | 35<br>TO<br>39 | 40<br>TO<br>44 | 45<br>TO<br>49 | 50<br>TO<br>54 | 55<br>TO<br>59 | 60<br>TO<br>64 | 65<br>TO<br>69 | 70<br>TO<br>74 | 75<br>TO<br>79 | 80<br>TO<br>84 | 85<br>TO<br>89 | 90<br>TO<br>94 | 95<br>TO<br>99 | 100<br>AND<br>ABOVE | PRD.<br>BEGINS |        |        |  |  |
| JAN 1                         |            |                    |              | 4              | 11             | 56             | 56             | 123            | 239            | 257            | 151            | 70             | 28             | 4              |                |                |                |                |                |                |                |                     |                | JAN 1  |        |  |  |
| JAN 11                        |            |                    |              |                | 4              | 11             | 25             | 86             | 179            | 264            | 229            | 168            | 32             | 4              |                |                |                |                |                |                |                |                     |                | JAN 11 |        |  |  |
| JAN 21                        |            |                    |              | 3              | 3              | 23             | 49             | 111            | 134            | 207            | 285            | 128            | 46             | 10             |                |                |                |                |                |                |                |                     |                | JAN 21 |        |  |  |
| FEB 1                         |            |                    |              |                |                | 7              | 25             | 21             | 79             | 168            | 279            | 261            | 111            | 36             | 14             |                |                |                |                |                |                |                     |                | FEB 1  |        |  |  |
| FEB 11                        |            |                    |              |                |                |                | 7              | 11             | 60             | 158            | 208            | 324            | 169            | 56             | 4              | 4              |                |                |                |                |                |                     |                | FEB 11 |        |  |  |
| FEB 21                        |            |                    |              |                |                | 14             | 9              | 14             | 36             | 90             | 158            | 293            | 203            | 126            | 59             |                |                |                |                |                |                |                     |                | FEB 21 |        |  |  |
| MAR 1                         |            |                    |              |                |                |                |                |                | 4              | 16             | 166            | 190            | 229            | 217            | 111            | 40             | 20             | 8              |                |                |                |                     |                | MAR 1  |        |  |  |
| MAR 11                        |            |                    |              |                |                |                |                |                | 4              | 15             | 38             | 153            | 238            | 211            | 199            | 100            | 19             | 23             |                |                |                |                     |                | MAR 11 |        |  |  |
| MAR 21                        |            |                    |              |                |                |                |                |                |                | 7              | 37             | 67             | 180            | 223            | 183            | 147            | 87             | 47             | 23             |                |                |                     |                | MAR 21 |        |  |  |
| APR 1                         |            |                    |              |                |                |                |                |                |                | 24             | 35             | 126            | 142            | 213            | 161            | 169            | 87             | 43             |                |                |                |                     |                | APR 1  |        |  |  |
| APR 11                        |            |                    |              |                |                |                |                |                |                | 4              | 26             | 90             | 207            | 252            | 147            | 120            | 94             | 45             | 11             | 4              |                |                     |                | APR 11 |        |  |  |
| APR 21                        |            |                    |              |                |                |                |                |                |                |                | 8              | 96             | 176            | 169            | 153            | 149            | 126            | 65             | 34             | 15             | 4              |                     |                | APR 21 |        |  |  |
| MAY 1                         |            |                    |              |                |                |                |                |                |                |                | 27             | 51             | 75             | 116            | 157            | 222            | 140            | 140            | 48             | 17             | 7              |                     |                | MAY 1  |        |  |  |
| MAY 11                        |            |                    |              |                |                |                |                |                |                |                |                | 17             | 61             | 136            | 105            | 156            | 210            | 119            | 139            | 47             | 10             |                     |                | MAY 11 |        |  |  |
| MAY 21                        |            |                    |              |                |                |                |                |                |                |                | 3              | 9              | 46             | 68             | 117            | 218            | 154            | 169            | 108            | 80             | 28             |                     |                | MAY 21 |        |  |  |
| JUN 1                         |            |                    |              |                |                |                |                |                |                |                |                | 3              | 17             | 60             | 81             | 158            | 148            | 195            | 158            | 141            | 34             | 7                   |                | JUN 1  |        |  |  |
| JUN 11                        |            |                    |              |                |                |                |                |                |                |                |                |                | 10             | 31             | 78             | 122            | 166            | 159            | 214            | 122            | 81             | 17                  |                | JUN 11 |        |  |  |
| JUN 21                        |            |                    |              |                |                |                |                |                |                |                |                |                | 3              | 17             | 41             | 88             | 145            | 159            | 206            | 172            | 105            | 64                  |                | JUN 21 |        |  |  |
| JUL 1                         |            |                    |              |                |                |                |                |                |                |                |                |                |                |                | 3              | 10             | 30             | 93             | 157            | 153            | 230            | 227                 | 97             |        | JUL 1  |  |  |
| JUL 11                        |            |                    |              |                |                |                |                |                |                |                |                |                |                |                |                |                | 13             | 10             | 103            | 180            | 220            | 260                 | 213            |        | JUL 11 |  |  |
| JUL 21                        |            |                    |              |                |                |                |                |                |                |                |                |                |                |                |                |                | 6              | 15             | 33             | 61             | 230            | 391                 | 264            |        | JUL 21 |  |  |
| AUG 1                         |            |                    |              |                |                |                |                |                |                |                |                |                |                |                |                |                |                | 17             | 57             | 130            | 237            | 317                 | 243            |        | AUG 1  |  |  |
| AUG 11                        |            |                    |              |                |                |                |                |                |                |                |                |                |                | 7              | 10             | 20             | 40             | 93             | 120            | 200            | 293            | 217                 |                |        | AUG 11 |  |  |
| AUG 21                        |            |                    |              |                |                |                |                |                |                |                |                |                |                | 3              | 27             | 55             | 116            | 149            | 182            | 173            | 176            | 119                 |                |        | AUG 21 |  |  |
| SEP 1                         |            |                    |              |                |                |                |                |                |                |                |                |                | 3              | 10             | 27             | 77             | 104            | 134            | 221            | 224            | 157            | 43                  |                |        | SEP 1  |  |  |
| SEP 11                        |            |                    |              |                |                |                |                |                |                |                |                |                |                | 10             | 43             | 113            | 127            | 153            | 117            | 220            | 163            | 43                  | 10             |        | SEP 11 |  |  |
| SEP 21                        |            |                    |              |                |                |                |                |                |                |                |                | 4              | 35             | 82             | 92             | 128            | 160            | 209            | 142            | 85             | 64             |                     |                |        | SEP 21 |  |  |
| OCT 1                         |            |                    |              |                |                |                |                |                |                |                |                | 20             | 64             | 129            | 92             | 159            | 224            | 210            | 85             | 14             | 3              |                     |                |        | OCT 1  |  |  |
| OCT 11                        |            |                    |              |                |                |                |                |                |                |                |                | 34             | 128            | 197            | 203            | 179            | 193            | 66             |                |                |                |                     |                |        | OCT 11 |  |  |
| OCT 21                        |            |                    |              |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                |        | OCT 21 |  |  |
| NOV 1                         |            |                    |              |                |                |                |                |                |                | 6              | 6              | 55             | 143            | 195            | 175            | 211            | 182            | 26             |                |                |                |                     |                |        | NOV 1  |  |  |
| NOV 11                        |            |                    |              |                |                |                |                |                |                | 4              | 57             | 87             | 226            | 340            | 215            | 60             | 11             |                |                |                |                |                     |                |        | NOV 11 |  |  |
| NOV 21                        |            |                    |              |                | 12             | 4              | 4              | 35             | 16             | 129            | 204            | 290            | 184            | 102            | 20             |                |                |                |                |                |                |                     |                |        | NOV 21 |  |  |
| DEC 1                         |            |                    |              |                |                |                |                |                |                | 4              | 19             | 98             | 226            | 320            | 237            | 68             | 26             | 4              |                |                |                |                     |                |        | DEC 1  |  |  |
| DEC 11                        |            |                    |              | 7              | 11             | 15             | 11             | 37             | 110            | 311            | 253            | 198            | 40             | 7              |                |                |                |                |                |                |                |                     |                |        | DEC 11 |  |  |
| DEC 21                        |            |                    |              | 4              | 4              | 11             | 30             | 71             | 167            | 260            | 264            | 164            | 26             |                |                |                |                |                |                |                |                |                     |                |        | DEC 21 |  |  |
|                               |            |                    |              | 14             |                | 7              | 3              | 110            | 197            | 321            | 197            | 110            | 21             | 21             |                |                |                |                |                |                |                |                     |                |        |        |  |  |
| MONTH                         |            |                    |              |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | MONTH          |        |        |  |  |
| JAN                           |            |                    |              | 2              | 6              | 30             | 44             | 107            | 183            | 242            | 223            | 122            | 36             | 6              |                |                |                |                |                |                |                |                     |                | JAN    |        |  |  |
| FEB                           |            |                    |              |                |                | 6              | 14             | 15             | 60             | 142            | 219            | 293            | 158            | 69             | 23             | 1              |                |                |                |                |                |                     |                | FEB    |        |  |  |
| MAR                           |            |                    |              |                |                |                |                |                |                | 2              | 12             | 77             | 133            | 214            | 217            | 166            | 98             | 44             | 27             | 9              |                |                     |                | MAR    |        |  |  |
| APR                           |            |                    |              |                |                |                |                |                |                |                |                |                | 10             | 23             | 104            | 175            | 211            | 154            | 146            | 102            | 51             | 15                  | 6              | 1      | APR    |  |  |
| MAY                           |            |                    |              |                |                |                |                |                |                |                |                |                |                | 25             | 60             | 105            | 126            | 199            | 168            | 143            | 99             | 49                  | 15             |        | MAY    |  |  |
| JUN                           |            |                    |              |                |                |                |                |                |                |                |                |                | 1              | 10             | 36             | 66             | 123            | 153            | 171            | 192            | 145            | 73                  | 29             |        | JUN    |  |  |
| JUL                           |            |                    |              |                |                |                |                |                |                |                |                |                |                |                | 1              | 3              | 16             | 39             | 96             | 129            | 227            | 296                 | 194            |        | JUL    |  |  |
| AUG                           |            |                    |              |                |                |                |                |                |                |                |                |                |                |                |                | 3              | 13             | 26             | 59             | 101            | 145            | 202                 | 259            | 191    | AUG    |  |  |
| SEP                           |            |                    |              |                |                |                |                |                |                |                |                |                | 1              | 16             | 44             | 77             | 110            | 138            | 152            | 195            | 159            | 89                  | 18             |        | SEP    |  |  |
| OCT                           |            |                    |              |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                |        | OCT    |  |  |
| NOV                           |            |                    |              |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                |        | NOV    |  |  |
| DEC                           |            |                    |              |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |                |        | DEC    |  |  |
|                               |            |                    |              | 8              | 5              | 11             | 14             | 73             | 159            | 298            | 237            | 156            | 29             | 10             |                |                |                |                |                |                |                |                     |                |        | DEC    |  |  |

(con.)

Table 22 (Con.)

| MINIMUM DAILY TEMPERATURE     |            |              |              |                |                |                |                |                |                | PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES<br>-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |  |  |  |  |
|-------------------------------|------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|----------------|--------|--|--|--|--|--|--|--|
| STATION NUMBER 107706 RIGGINS |            |              |              |                |                |                |                |                |                | 1951-1980                                                                                            |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |  |  |  |  |
|                               |            |              |              |                |                |                |                |                |                | TEMPERATURE VALUES                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |  |  |  |  |
| PRD.<br>BEGINS                | BELOW<br>0 | 0<br>TO<br>4 | 5<br>TO<br>9 | 10<br>TO<br>14 | 15<br>TO<br>19 | 20<br>TO<br>24 | 25<br>TO<br>29 | 30<br>TO<br>34 | 35<br>TO<br>39 | 40<br>TO<br>44                                                                                       | 45<br>TO<br>49 | 50<br>TO<br>54 | 55<br>TO<br>59 | 60<br>TO<br>64 | 65<br>TO<br>69 | 70<br>TO<br>74 | 75<br>TO<br>79 | 80<br>TO<br>84 | 85<br>TO<br>89 | 90<br>TO<br>94 | 95<br>TO<br>99 | 100<br>AND<br>ABOVE | PRD.<br>BEGINS |        |  |  |  |  |  |  |  |
| JAN 1                         | 4          | 25           | 35           | 53             | 95             | 147            | 270            | 200            | 126            | 42                                                                                                   | 4              |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 1  |  |  |  |  |  |  |  |
| JAN 11                        | 7          | 4            | 11           | 36             | 25             | 114            | 250            | 268            | 207            | 68                                                                                                   | 11             |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 11 |  |  |  |  |  |  |  |
| JAN 21                        | 13         | 33           | 26           | 33             | 69             | 151            | 180            | 298            | 121            | 69                                                                                                   | 7              |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 21 |  |  |  |  |  |  |  |
| FEB 1                         |            | 4            | 25           | 11             | 36             | 86             | 207            | 375            | 168            | 75                                                                                                   | 14             |                |                |                |                |                |                |                |                |                |                |                     |                | FEB 1  |  |  |  |  |  |  |  |
| FEB 11                        | 4          |              |              | 11             | 32             | 85             | 190            | 335            | 261            | 70                                                                                                   | 11             |                | 4              |                |                |                |                |                |                |                |                |                     |                | FEB 11 |  |  |  |  |  |  |  |
| FEB 21                        |            | 14           | 14           | 14             | 50             | 50             | 171            | 378            | 212            | 81                                                                                                   | 18             |                |                |                |                |                |                |                |                |                |                |                     |                | FEB 21 |  |  |  |  |  |  |  |
| MAR 1                         |            |              |              |                | 12             | 110            | 232            | 339            | 205            | 79                                                                                                   | 24             |                |                |                |                |                |                |                |                |                |                |                     |                | MAR 1  |  |  |  |  |  |  |  |
| MAR 11                        |            |              |              | 4              | 11             | 61             | 226            | 318            | 222            | 130                                                                                                  | 27             |                |                |                |                |                |                |                |                |                |                |                     |                | MAR 11 |  |  |  |  |  |  |  |
| MAR 21                        |            |              |              |                | 3              | 30             | 126            | 243            | 286            | 243                                                                                                  | 60             | 10             |                |                |                |                |                |                |                |                |                |                     |                | MAR 21 |  |  |  |  |  |  |  |
| APR 1                         |            |              |              |                | 4              | 11             | 53             | 200            | 366            | 287                                                                                                  | 72             | 8              |                |                |                |                |                |                |                |                |                |                     |                | APR 1  |  |  |  |  |  |  |  |
| APR 11                        |            |              |              |                |                | 4              | 54             | 225            | 344            | 250                                                                                                  | 105            | 18             |                |                |                |                |                |                |                |                |                |                     |                | APR 11 |  |  |  |  |  |  |  |
| APR 21                        |            |              |              |                |                |                | 26             | 125            | 314            | 299                                                                                                  | 155            | 77             |                |                |                |                |                |                |                |                |                |                     |                | APR 21 |  |  |  |  |  |  |  |
| MAY 1                         |            |              |              |                |                |                |                | 41             | 182            | 294                                                                                                  | 280            | 169            | 30             | 3              |                |                |                |                |                |                |                |                     |                | MAY 1  |  |  |  |  |  |  |  |
| MAY 11                        |            |              |              |                |                |                |                | 37             | 117            | 252                                                                                                  | 305            | 225            | 54             | 10             |                |                |                |                |                |                |                |                     |                | MAY 11 |  |  |  |  |  |  |  |
| MAY 21                        |            |              |              |                |                |                |                | 12             | 68             | 249                                                                                                  | 280            | 255            | 117            | 15             | 3              |                |                |                |                |                |                |                     |                | MAY 21 |  |  |  |  |  |  |  |
| JUN 1                         |            |              |              |                |                |                |                | 3              | 13             | 131                                                                                                  | 228            | 359            | 195            | 67             | 3              |                |                |                |                |                |                |                     |                | JUN 1  |  |  |  |  |  |  |  |
| JUN 11                        |            |              |              |                |                |                |                |                |                | 64                                                                                                   | 180            | 380            | 254            | 112            | 10             |                |                |                |                |                |                |                     |                | JUN 11 |  |  |  |  |  |  |  |
| JUN 21                        |            |              |              |                |                |                |                |                | 3              | 57                                                                                                   | 179            | 287            | 287            | 132            | 51             | 3              |                |                |                |                |                |                     |                | JUN 21 |  |  |  |  |  |  |  |
| JUL 1                         |            |              |              |                |                |                |                |                |                | 20                                                                                                   | 80             | 217            | 370            | 217            | 83             | 13             |                |                |                |                |                |                     |                | JUL 1  |  |  |  |  |  |  |  |
| JUL 11                        |            |              |              |                |                |                |                |                |                |                                                                                                      | 13             | 173            | 280            | 353            | 157            | 23             |                |                |                |                |                |                     |                | JUL 11 |  |  |  |  |  |  |  |
| JUL 21                        |            |              |              |                |                |                |                |                |                |                                                                                                      | 9              | 94             | 288            | 424            | 155            | 27             | 3              |                |                |                |                |                     |                | JUL 21 |  |  |  |  |  |  |  |
| AUG 1                         |            |              |              |                |                |                |                |                |                |                                                                                                      | 13             | 117            | 353            | 320            | 157            | 33             | 7              |                |                |                |                |                     |                | AUG 1  |  |  |  |  |  |  |  |
| AUG 11                        |            |              |              |                |                |                |                |                |                | 7                                                                                                    | 33             | 133            | 350            | 340            | 120            | 17             |                |                |                |                |                |                     |                | AUG 11 |  |  |  |  |  |  |  |
| AUG 21                        |            |              |              |                |                |                |                |                |                | 18                                                                                                   | 122            | 277            | 322            | 207            | 43             | 12             |                |                |                |                |                |                     |                | AUG 21 |  |  |  |  |  |  |  |
| SEP 1                         |            |              |              |                |                |                |                |                |                | 60                                                                                                   | 177            | 293            | 317            | 117            | 33             | 3              |                |                |                |                |                |                     |                | SEP 1  |  |  |  |  |  |  |  |
| SEP 11                        |            |              |              |                |                |                |                | 17             | 30             | 113                                                                                                  | 230            | 340            | 210            | 57             | 3              |                |                |                |                |                |                |                     |                | SEP 11 |  |  |  |  |  |  |  |
| SEP 21                        |            |              |              |                |                |                |                | 11             | 92             | 181                                                                                                  | 277            | 252            | 156            | 28             | 4              |                |                |                |                |                |                |                     |                | SEP 21 |  |  |  |  |  |  |  |
| OCT 1                         |            |              |              |                |                |                |                | 51             | 132            | 237                                                                                                  | 380            | 149            | 37             | 3              | 3              |                |                |                |                |                |                |                     |                | OCT 1  |  |  |  |  |  |  |  |
| OCT 11                        |            |              |              |                |                |                |                | 7              | 14             | 105                                                                                                  | 206            | 289            | 272            | 84             | 24             | 3              |                |                |                |                |                |                     |                | OCT 11 |  |  |  |  |  |  |  |
| OCT 21                        |            |              |              |                | 3              | 6              | 45             | 203            | 242            | 303                                                                                                  | 139            | 39             | 19             |                |                |                |                |                |                |                |                |                     |                | OCT 21 |  |  |  |  |  |  |  |
| NOV 1                         |            |              |              |                |                |                |                | 45             | 109            | 226                                                                                                  | 200            | 279            | 109            | 26             | 4              |                |                |                |                |                |                |                     |                | NOV 1  |  |  |  |  |  |  |  |
| NOV 11                        | 8          |              | 8            | 8              | 27             | 70             | 117            | 203            | 258            | 234                                                                                                  | 55             | 12             |                |                |                |                |                |                |                |                |                |                     |                | NOV 11 |  |  |  |  |  |  |  |
| NOV 21                        |            |              | 8            | 4              | 34             | 135            | 184            | 278            | 211            | 128                                                                                                  | 19             |                |                |                |                |                |                |                |                |                |                |                     |                | NOV 21 |  |  |  |  |  |  |  |
| DEC 1                         | 7          | 4            | 7            | 22             | 37             | 107            | 180            | 353            | 180            | 96                                                                                                   | 7              |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 1  |  |  |  |  |  |  |  |
| DEC 11                        | 8          | 4            | 19           | 19             | 60             | 120            | 203            | 289            | 188            | 90                                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 11 |  |  |  |  |  |  |  |
| DEC 21                        | 10         | 3            |              | 31             | 42             | 104            | 263            | 287            | 180            | 73                                                                                                   | 7              |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 21 |  |  |  |  |  |  |  |
| MONTH                         |            |              |              |                |                |                |                |                |                | MONTH                                                                                                |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |  |  |  |  |
| JAN                           | 8          | 21           | 24           | 40             | 63             | 138            | 232            | 256            | 151            | 60                                                                                                   | 7              |                |                |                |                |                |                |                |                |                |                |                     |                | JAN    |  |  |  |  |  |  |  |
| FEB                           | 1          | 5            | 13           | 11             | 38             | 75             | 191            | 361            | 214            | 75                                                                                                   | 14             | 1              |                |                |                |                |                |                |                |                |                |                     |                | FEB    |  |  |  |  |  |  |  |
| MAR                           |            |              |              | 1              | 9              | 65             | 191            | 297            | 240            | 156                                                                                                  | 38             | 4              |                |                |                |                |                |                |                |                |                |                     |                | MAR    |  |  |  |  |  |  |  |
| APR                           |            |              |              |                | 1              | 5              | 44             | 183            | 341            | 278                                                                                                  | 111            | 34             | 1              |                |                |                |                |                |                |                |                |                     |                | APR    |  |  |  |  |  |  |  |
| MAY                           |            |              |              |                |                |                |                | 29             | 121            | 264                                                                                                  | 288            | 218            | 69             | 10             | 1              |                |                |                |                |                |                |                     |                | MAY    |  |  |  |  |  |  |  |
| JUN                           |            |              |              |                |                |                |                | 1              | 6              | 84                                                                                                   | 196            | 342            | 245            | 103            | 21             | 1              |                |                |                |                |                |                     |                | JUN    |  |  |  |  |  |  |  |
| JUL                           |            |              |              |                |                |                |                |                |                | 6                                                                                                    | 33             | 159            | 312            | 334            | 132            | 22             | 1              |                |                |                |                |                     |                | JUL    |  |  |  |  |  |  |  |
| AUG                           |            |              |              |                |                |                |                |                |                | 9                                                                                                    | 58             | 179            | 341            | 286            | 104            | 20             | 2              |                |                |                |                |                     |                | AUG    |  |  |  |  |  |  |  |
| SEP                           |            |              |              |                |                |                |                | 9              | 40             | 117                                                                                                  | 227            | 296            | 229            | 68             | 14             | 1              |                |                |                |                |                |                     |                | SEP    |  |  |  |  |  |  |  |
| OCT                           |            |              |              |                | 1              | 3              | 22             | 121            | 194            | 277                                                                                                  | 261            | 90             | 27             | 2              | 1              |                |                |                |                |                |                |                     |                | OCT    |  |  |  |  |  |  |  |
| NOV                           | 3          |              | 5            | 4              | 20             | 84             | 137            | 236            | 222            | 213                                                                                                  | 61             | 13             | 1              |                |                |                |                |                |                |                |                |                     |                | NOV    |  |  |  |  |  |  |  |
| DEC                           | 8          | 4            | 8            | 24             | 46             | 110            | 216            | 310            | 183            | 86                                                                                                   | 5              |                |                |                |                |                |                |                |                |                |                |                     |                | DEC    |  |  |  |  |  |  |  |

Table 22 (Con.)

MAXIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 108076 |    | SALMON - SALMON 1 N |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1951-1980 |           |     |    |   |  |  |        |       |  |  |  |
|----------------|-------|--------|----|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----------|-----|----|---|--|--|--------|-------|--|--|--|
|                |       |        |    | TEMPERATURE VALUES  |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           |           |     |    |   |  |  |        |       |  |  |  |
| PRD.           | BELOW | 0      | 5  | 10                  | 15 | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 95        | 100       |     |    |   |  |  | PRD.   |       |  |  |  |
| BEGINS         | 0     | 4      | 9  | 14                  | 19 | 24  | 29  | 34  | 39  | 44  | 49  | 54  | 59  | 64  | 69  | 74  | 79  | 84  | 89  | 94  | 99        | AND ABOVE |     |    |   |  |  | BEGINS |       |  |  |  |
| JAN 1          | 20    | 33     | 40 | 70                  | 77 | 150 | 143 | 157 | 140 | 93  | 53  | 20  | 3   |     |     |     |     |     |     |     |           |           |     |    |   |  |  | JAN 1  |       |  |  |  |
| JAN 11         | 3     | 7      | 17 | 33                  | 60 | 70  | 153 | 177 | 203 | 160 | 83  | 23  | 7   | 3   |     |     |     |     |     |     |           |           |     |    |   |  |  | JAN 11 |       |  |  |  |
| JAN 21         | 21    | 15     | 24 | 45                  | 55 | 82  | 170 | 206 | 179 | 130 | 39  | 21  | 12  |     |     |     |     |     |     |     |           |           |     |    |   |  |  | JAN 21 |       |  |  |  |
| FEB 1          | 3     | 7      | 17 | 13                  | 10 | 43  | 100 | 227 | 223 | 220 | 87  | 37  | 10  | 3   |     |     |     |     |     |     |           |           |     |    |   |  |  | FEB 1  |       |  |  |  |
| FEB 11         |       |        |    | 3                   | 3  | 27  | 74  | 147 | 214 | 254 | 181 | 84  | 13  |     |     |     |     |     |     |     |           |           |     |    |   |  |  | FEB 11 |       |  |  |  |
| FEB 21         |       |        |    | 4                   | 16 | 28  | 52  | 65  | 210 | 226 | 202 | 129 | 52  | 16  |     |     |     |     |     |     |           |           |     |    |   |  |  | FEB 21 |       |  |  |  |
| MAR 1          |       |        |    | 3                   | 3  | 7   | 43  | 107 | 197 | 183 | 223 | 143 | 63  | 17  | 10  |     |     |     |     |     |           |           |     |    |   |  |  | MAR 1  |       |  |  |  |
| MAR 11         |       |        |    |                     |    |     | 20  | 27  | 110 | 201 | 224 | 241 | 97  | 57  | 23  |     |     |     |     |     |           |           |     |    |   |  |  | MAR 11 |       |  |  |  |
| MAR 21         |       |        |    |                     |    |     | 9   | 21  | 27  | 85  | 212 | 197 | 206 | 118 | 94  | 24  | 6   |     |     |     |           |           |     |    |   |  |  | MAR 21 |       |  |  |  |
| APR 1          |       |        |    |                     |    |     |     |     | 10  | 43  | 114 | 214 | 237 | 147 | 140 | 60  | 27  | 7   |     |     |           |           |     |    |   |  |  | APR 1  |       |  |  |  |
| APR 11         |       |        |    |                     |    |     |     |     | 7   | 17  | 103 | 153 | 203 | 210 | 133 | 93  | 63  | 7   | 10  |     |           |           |     |    |   |  |  | APR 11 |       |  |  |  |
| APR 21         |       |        |    |                     |    |     |     |     |     | 33  | 97  | 123 | 157 | 193 | 127 | 127 | 80  | 43  | 20  |     |           |           |     |    |   |  |  | APR 21 |       |  |  |  |
| MAY 1          |       |        |    |                     |    |     |     | 3   |     | 23  | 70  | 120 | 163 | 187 | 180 | 170 | 63  | 20  |     |     |           |           |     |    |   |  |  | MAY 1  |       |  |  |  |
| MAY 11         |       |        |    |                     |    |     |     |     | 3   | 17  | 67  | 90  | 120 | 177 | 153 | 163 | 130 | 67  |     |     |           |           |     |    |   |  |  | MAY 11 |       |  |  |  |
| MAY 21         |       |        |    |                     |    |     |     |     |     | 3   | 82  | 131 | 146 | 213 | 152 | 137 | 98  | 6   |     |     |           |           |     |    |   |  |  | MAY 21 |       |  |  |  |
| JUN 1          |       |        |    |                     |    |     |     |     |     |     | 13  | 40  | 110 | 130 | 170 | 140 | 177 | 157 | 57  |     |           |           |     |    |   |  |  | JUN 1  |       |  |  |  |
| JUN 11         |       |        |    |                     |    |     |     |     |     |     |     | 23  | 73  | 130 | 123 | 203 | 187 | 170 | 53  | 27  |           |           |     |    |   |  |  | JUN 11 |       |  |  |  |
| JUN 21         |       |        |    |                     |    |     |     |     |     |     |     | 3   | 20  | 53  | 83  | 113 | 170 | 167 | 173 | 163 | 53        |           |     |    |   |  |  | JUN 21 |       |  |  |  |
| JUL 1          |       |        |    |                     |    |     |     |     |     |     |     |     | 3   | 13  | 27  | 40  | 133 | 193 | 237 | 247 | 103       | 3         |     |    |   |  |  | JUL 1  |       |  |  |  |
| JUL 11         |       |        |    |                     |    |     |     |     |     |     |     |     |     |     | 10  | 13  | 70  | 137 | 223 | 327 | 177       | 43        |     |    |   |  |  | JUL 11 |       |  |  |  |
| JUL 21         |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     | 15  | 45  | 61  | 236 | 385 | 224       | 33        |     |    |   |  |  | JUL 21 |       |  |  |  |
| AUG 1          |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     | 33  | 63  | 160 | 233 | 307 | 173       | 30        |     |    |   |  |  | AUG 1  |       |  |  |  |
| AUG 11         |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     | 9   | 12  | 76  | 109 | 164 | 188       | 224       | 155 | 55 | 9 |  |  | AUG 11 |       |  |  |  |
| AUG 21         |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     | 3   | 37  | 53  | 117 | 193 | 223       | 250       | 107 | 17 |   |  |  | AUG 21 |       |  |  |  |
| SEP 1          |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           |           |     |    |   |  |  | SEP 1  |       |  |  |  |
| SEP 11         |       |        |    |                     |    |     |     |     |     |     | 3   | 7   | 27  | 60  | 110 | 127 | 117 | 193 | 183 | 163 | 10        |           |     |    |   |  |  | SEP 11 |       |  |  |  |
| SEP 21         |       |        |    |                     |    |     |     |     |     |     |     | 10  | 60  | 74  | 104 | 130 | 184 | 197 | 174 | 60  | 7         |           |     |    |   |  |  | SEP 21 |       |  |  |  |
| OCT 1          |       |        |    |                     |    |     |     |     |     |     |     | 3   | 20  | 53  | 127 | 143 | 143 | 223 | 203 | 77  | 7         |           |     |    |   |  |  | OCT 1  |       |  |  |  |
| OCT 11         |       |        |    |                     |    |     |     |     |     |     |     |     | 10  | 57  | 117 | 157 | 203 | 217 | 177 | 63  |           |           |     |    |   |  |  | OCT 11 |       |  |  |  |
| OCT 21         |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           |           |     |    |   |  |  | OCT 21 |       |  |  |  |
| NOV 1          |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           |           |     |    |   |  |  | NOV 1  |       |  |  |  |
| NOV 11         |       |        |    | 3                   | 7  |     |     | 7   | 17  | 57  | 153 | 283 | 247 | 170 | 57  | 10  |     |     |     |     |           |           |     |    |   |  |  | NOV 11 |       |  |  |  |
| NOV 21         |       |        |    |                     | 7  | 40  | 60  | 190 | 240 | 220 | 127 | 63  | 37  | 10  |     |     |     |     |     |     |           |           |     |    |   |  |  | NOV 21 |       |  |  |  |
| DEC 1          |       | 13     | 7  | 20                  | 10 | 27  | 100 | 217 | 310 | 147 | 100 | 47  | 3   |     |     |     |     |     |     |     |           |           |     |    |   |  |  | DEC 1  |       |  |  |  |
| DEC 11         | 3     | 3      | 7  | 27                  | 33 | 90  | 157 | 223 | 273 | 123 | 40  | 20  |     |     |     |     |     |     |     |     |           |           |     |    |   |  |  | DEC 11 |       |  |  |  |
| DEC 21         | 6     | 6      | 6  | 12                  | 52 | 106 | 203 | 230 | 185 | 139 | 42  | 9   | 3   |     |     |     |     |     |     |     |           |           |     |    |   |  |  | DEC 21 |       |  |  |  |
| MONTH          |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           |           |     |    |   |  |  |        | MONTH |  |  |  |
| JAN            | 15    | 18     | 27 | 49                  | 63 | 100 | 156 | 181 | 174 | 128 | 58  | 22  | 8   | 1   |     |     |     |     |     |     |           |           |     |    |   |  |  | JAN    |       |  |  |  |
| FEB            | 1     | 2      | 6  | 7                   | 9  | 33  | 77  | 151 | 216 | 234 | 153 | 80  | 24  | 6   |     |     |     |     |     |     |           |           |     |    |   |  |  | FEB    |       |  |  |  |
| MAR            |       |        |    | 1                   | 1  | 2   | 24  | 51  | 109 | 154 | 220 | 194 | 125 | 66  | 44  | 9   | 2   |     |     |     |           |           |     |    |   |  |  | MAR    |       |  |  |  |
| APR            |       |        |    |                     |    |     |     |     | 6   | 31  | 105 | 164 | 199 | 184 | 133 | 93  | 57  | 19  | 10  |     |           |           |     |    |   |  |  | APR    |       |  |  |  |
| MAY            |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           |           |     |    |   |  |  | MAY    |       |  |  |  |
| JUN            |       |        |    |                     |    |     |     |     | 1   | 1   | 14  | 55  | 97  | 138 | 169 | 183 | 162 | 111 | 63  | 5   | 1         |           |     |    |   |  |  | JUN    |       |  |  |  |
| JUL            |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           |           |     |    |   |  |  | JUL    |       |  |  |  |
| AUG            |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           |           |     |    |   |  |  | AUG    |       |  |  |  |
| SEP            |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           |           |     |    |   |  |  | SEP    |       |  |  |  |
| OCT            |       |        |    |                     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           |           |     |    |   |  |  | OCT    |       |  |  |  |
| NOV            |       |        |    | 1                   | 4  | 2   | 18  | 31  | 104 | 144 | 209 | 213 | 143 | 92  | 30  | 7   |     |     |     |     |           |           |     |    |   |  |  | NOV    |       |  |  |  |
| DEC            | 3     | 8      | 6  | 19                  | 32 | 75  | 155 | 224 | 254 | 137 | 60  | 25  | 2   |     |     |     |     |     |     |     |           |           |     |    |   |  |  | DEC    |       |  |  |  |

(con.)

Table 22 (Con.)

| MINIMUM DAILY TEMPERATURE                 |            |              |              |                |                |                |                |                |                | PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES<br>-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |
|-------------------------------------------|------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|----------------|--------|--|--|--|
| STATION NUMBER 108076 SALMON - SALMON 1 N |            |              |              |                |                |                |                |                |                | 1951-1980                                                                                            |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |
|                                           |            |              |              |                |                |                |                |                |                | TEMPERATURE VALUES                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |
| PRD.<br>BEGINS                            | BELOW<br>0 | 0<br>TO<br>4 | 5<br>TO<br>9 | 10<br>TO<br>14 | 15<br>TO<br>19 | 20<br>TO<br>24 | 25<br>TO<br>29 | 30<br>TO<br>34 | 35<br>TO<br>39 | 40<br>TO<br>44                                                                                       | 45<br>TO<br>49 | 50<br>TO<br>54 | 55<br>TO<br>59 | 60<br>TO<br>64 | 65<br>TO<br>69 | 70<br>TO<br>74 | 75<br>TO<br>79 | 80<br>TO<br>84 | 85<br>TO<br>89 | 90<br>TO<br>94 | 95<br>TO<br>99 | 100<br>AND<br>ABOVE | PRD.<br>BEGINS |        |  |  |  |
| JAN 1                                     | 319        | 84           | 148          | 144            | 111            | 97             | 60             | 30             | 7              |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 1  |  |  |  |
| JAN 11                                    | 160        | 93           | 147          | 127            | 133            | 110            | 110            | 100            | 20             |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 11 |  |  |  |
| JAN 21                                    | 242        | 88           | 142          | 158            | 103            | 85             | 85             | 88             | 9              |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 21 |  |  |  |
| FEB 1                                     | 110        | 110          | 134          | 124            | 144            | 174            | 137            | 67             |                |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB 1  |  |  |  |
| FEB 11                                    | 47         | 77           | 77           | 100            | 177            | 214            | 201            | 97             | 10             |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB 11 |  |  |  |
| FEB 21                                    | 69         | 40           | 69           | 101            | 165            | 222            | 206            | 125            | 4              |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB 21 |  |  |  |
| MAR 1                                     | 37         | 17           | 74           | 94             | 191            | 244            | 207            | 114            | 23             |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR 1  |  |  |  |
| MAR 11                                    | 7          | 23           | 27           | 83             | 187            | 280            | 240            | 110            | 43             |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR 11 |  |  |  |
| MAR 21                                    |            |              | 18           | 27             | 118            | 279            | 288            | 182            | 73             | 15                                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR 21 |  |  |  |
| APR 1                                     |            |              |              | 17             | 50             | 207            | 278            | 291            | 100            | 54                                                                                                   | 3              |                |                |                |                |                |                |                |                |                |                |                     |                | APR 1  |  |  |  |
| APR 11                                    |            |              |              | 3              | 57             | 190            | 257            | 270            | 157            | 63                                                                                                   | 3              |                |                |                |                |                |                |                |                |                |                |                     |                | APR 11 |  |  |  |
| APR 21                                    |            |              |              |                | 13             | 60             | 217            | 343            | 213            | 113                                                                                                  | 40             |                |                |                |                |                |                |                |                |                |                |                     |                | APR 21 |  |  |  |
| MAY 1                                     |            |              |              |                | 10             | 37             | 127            | 220            | 270            | 243                                                                                                  | 83             | 10             |                |                |                |                |                |                |                |                |                |                     |                | MAY 1  |  |  |  |
| MAY 11                                    |            |              |              |                |                | 3              | 67             | 213            | 337            | 273                                                                                                  | 80             | 27             |                |                |                |                |                |                |                |                |                |                     |                | MAY 11 |  |  |  |
| MAY 21                                    |            |              |              |                |                |                | 30             | 148            | 273            | 300                                                                                                  | 200            | 42             | 6              |                |                |                |                |                |                |                |                |                     |                | MAY 21 |  |  |  |
| JUN 1                                     |            |              |              |                |                |                | 17             | 57             | 157            | 337                                                                                                  | 273            | 133            | 27             |                |                |                |                |                |                |                |                |                     |                | JUN 1  |  |  |  |
| JUN 11                                    |            |              |              |                |                |                | 3              | 30             | 100            | 290                                                                                                  | 383            | 173            | 20             |                |                |                |                |                |                |                |                |                     |                | JUN 11 |  |  |  |
| JUN 21                                    |            |              |              |                |                |                |                | 30             | 90             | 277                                                                                                  | 350            | 170            | 73             | 10             |                |                |                |                |                |                |                |                     |                | JUN 21 |  |  |  |
| JUL 1                                     |            |              |              |                |                |                | 3              | 7              | 73             | 210                                                                                                  | 370            | 223            | 100            | 13             |                |                |                |                |                |                |                |                     |                | JUL 1  |  |  |  |
| JUL 11                                    |            |              |              |                |                |                |                |                | 10             | 130                                                                                                  | 343            | 343            | 127            | 47             |                |                |                |                |                |                |                |                     |                | JUL 11 |  |  |  |
| JUL 21                                    |            |              |              |                |                |                |                | 6              | 6              | 103                                                                                                  | 334            | 389            | 134            | 24             | 3              |                |                |                |                |                |                |                     |                | JUL 21 |  |  |  |
| AUG 1                                     |            |              |              |                |                |                |                |                | 17             | 207                                                                                                  | 327            | 273            | 133            | 40             | 3              |                |                |                |                |                |                |                     |                | AUG 1  |  |  |  |
| AUG 11                                    |            |              |              |                |                |                | 7              | 30             | 214            | 445                                                                                                  | 211            | 77             | 17             |                |                |                |                |                |                |                |                |                     |                | AUG 11 |  |  |  |
| AUG 21                                    |            |              |              |                |                |                | 3              | 24             | 170            | 288                                                                                                  | 330            | 155            | 24             |                | 3              | 3              |                |                |                |                |                |                     |                | AUG 21 |  |  |  |
| SEP 1                                     |            |              |              |                |                |                | 23             | 120            | 243            | 290                                                                                                  | 213            | 67             | 40             | 3              |                |                |                |                |                |                |                |                     |                | SEP 1  |  |  |  |
| SEP 11                                    |            |              |              |                | 7              | 3              | 73             | 130            | 313            | 290                                                                                                  | 143            | 33             | 7              |                |                |                |                |                |                |                |                |                     |                | SEP 11 |  |  |  |
| SEP 21                                    |            |              |              |                |                | 33             | 127            | 237            | 341            | 164                                                                                                  | 77             | 20             |                |                |                |                |                |                |                |                |                |                     |                | SEP 21 |  |  |  |
| OCT 1                                     |            |              |              |                | 10             | 103            | 270            | 287            | 173            | 110                                                                                                  | 37             | 10             |                |                |                |                |                |                |                |                |                |                     |                | OCT 1  |  |  |  |
| OCT 11                                    |            |              |              |                | 7              | 73             | 140            | 303            | 213            | 157                                                                                                  | 80             | 23             | 3              |                |                |                |                |                |                |                |                |                     |                | OCT 11 |  |  |  |
| OCT 21                                    |            | 3            | 3            | 21             | 127            | 245            | 279            | 179            | 100            | 39                                                                                                   | 3              |                |                |                |                |                |                |                |                |                |                |                     |                | OCT 21 |  |  |  |
| NOV 1                                     |            | 3            | 23           | 113            | 180            | 247            | 173            | 160            | 77             | 23                                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV 1  |  |  |  |
| NOV 11                                    | 13         | 27           | 80           | 93             | 157            | 167            | 213            | 197            | 43             | 10                                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV 11 |  |  |  |
| NOV 21                                    | 40         | 20           | 130          | 140            | 177            | 187            | 197            | 97             | 13             |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV 21 |  |  |  |
| DEC 1                                     | 70         | 50           | 110          | 180            | 203            | 167            | 133            | 80             | 7              |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 1  |  |  |  |
| DEC 11                                    | 110        | 80           | 103          | 147            | 210            | 180            | 103            | 67             |                |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 11 |  |  |  |
| DEC 21                                    | 97         | 145          | 152          | 164            | 185            | 94             | 82             | 67             | 12             | 3                                                                                                    |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 21 |  |  |  |
| MONTH                                     |            |              |              |                |                |                |                |                |                | MONTH                                                                                                |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |
| JAN                                       | 240        | 88           | 145          | 143            | 115            | 97             | 85             | 73             | 12             |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN    |  |  |  |
| FEB                                       | 76         | 78           | 95           | 109            | 162            | 202            | 180            | 95             | 5              |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB    |  |  |  |
| MAR                                       | 14         | 13           | 39           | 67             | 164            | 268            | 247            | 137            | 47             | 5                                                                                                    |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR    |  |  |  |
| APR                                       |            |              |              | 7              | 40             | 152            | 250            | 301            | 157            | 77                                                                                                   | 16             |                |                |                |                |                |                |                |                |                |                |                     |                | APR    |  |  |  |
| MAY                                       |            |              |              |                | 3              | 13             | 73             | 192            | 292            | 273                                                                                                  | 124            | 27             | 2              |                |                |                |                |                |                |                |                |                     |                | MAY    |  |  |  |
| JUN                                       |            |              |              |                |                |                | 7              | 39             | 116            | 301                                                                                                  | 336            | 159            | 40             | 3              |                |                |                |                |                |                |                |                     |                | JUN    |  |  |  |
| JUL                                       |            |              |              |                |                |                | 1              | 4              | 29             | 146                                                                                                  | 349            | 321            | 121            | 28             | 1              |                |                |                |                |                |                |                     |                | JUL    |  |  |  |
| AUG                                       |            |              |              |                |                |                | 1              | 11             | 75             | 238                                                                                                  | 366            | 211            | 76             | 18             | 2              | 1              |                |                |                |                |                |                     |                | AUG    |  |  |  |
| SEP                                       |            |              |              |                | 2              | 12             | 75             | 162            | 299            | 248                                                                                                  | 145            | 40             | 16             | 1              |                |                |                |                |                |                |                |                     |                | SEP    |  |  |  |
| OCT                                       |            |              |              |                |                |                |                |                |                |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | OCT    |  |  |  |
| NOV                                       | 18         | 17           | 78           | 116            | 171            | 200            | 194            | 151            | 44             | 11                                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV    |  |  |  |
| DEC                                       | 92         | 94           | 123          | 163            | 199            | 145            | 105            | 71             | 6              | 1                                                                                                    |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC    |  |  |  |

(con.)

Table 22 (Con.)

MAXIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |    | 108395  |        | SHOUP  |          | TEMPERATURE VALUES |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             |        |  |  | 1966-1981 |  |  |  |
|----------------|----|---------|--------|--------|----------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|-------------|--------|--|--|-----------|--|--|--|
| PRD. BEGINS    |    | BELOW 0 | 0 TO 4 | 5 TO 9 | 10 TO 14 | 15 TO 19           | 20 TO 24 | 25 TO 29 | 30 TO 34 | 35 TO 39 | 40 TO 44 | 45 TO 49 | 50 TO 54 | 55 TO 59 | 60 TO 64 | 65 TO 69 | 70 TO 74 | 75 TO 79 | 80 TO 84 | 85 TO 89 | 90 TO 94 | 95 TO 99 | 100 AND ABOVE | PRD. BEGINS |        |  |  |           |  |  |  |
| JAN 1          |    | 25      |        | 81     | 69       | 113                | 88       | 163      | 188      | 206      | 56       | 13       |          |          |          |          |          |          |          |          |          |          |               |             | JAN 1  |  |  |           |  |  |  |
| JAN 11         |    |         |        |        | 6        | 31                 | 56       | 138      | 219      | 344      | 169      | 38       |          |          |          |          |          |          |          |          |          |          |               |             | JAN 11 |  |  |           |  |  |  |
| JAN 21         |    |         |        | 23     | 23       | 45                 | 85       | 136      | 239      | 256      | 153      | 34       | 6        |          |          |          |          |          |          |          |          |          |               |             | JAN 21 |  |  |           |  |  |  |
| FEB 1          |    |         |        |        | 31       | 19                 | 25       | 44       | 169      | 363      | 250      | 94       | 6        |          |          |          |          |          |          |          |          |          |               |             | FEB 1  |  |  |           |  |  |  |
| FEB 11         |    |         |        |        |          |                    |          | 31       | 150      | 238      | 325      | 175      | 63       | 19       |          |          |          |          |          |          |          |          |               |             | FEB 11 |  |  |           |  |  |  |
| FEB 21         |    |         |        |        |          |                    |          |          | 53       | 152      | 280      | 333      | 144      | 38       |          |          |          |          |          |          |          |          |               |             | FEB 21 |  |  |           |  |  |  |
| MAR 1          |    |         |        |        |          |                    |          | 6        | 75       | 125      | 225      | 225      | 213      | 94       | 38       |          |          |          |          |          |          |          |               |             | MAR 1  |  |  |           |  |  |  |
| MAR 11         |    |         |        |        |          |                    |          |          |          | 25       | 150      | 263      | 306      | 175      | 56       | 25       |          |          |          |          |          |          |               |             | MAR 11 |  |  |           |  |  |  |
| MAR 21         |    |         |        |        |          |                    |          |          |          | 6        | 23       | 80       | 200      | 251      | 177      | 109      | 97       | 51       | 6        |          |          |          |               |             | MAR 21 |  |  |           |  |  |  |
| APR 1          |    |         |        |        |          |                    |          |          |          |          | 6        | 25       | 150      | 150      | 250      | 200      | 100      | 69       | 44       |          |          |          |               |             | APR 1  |  |  |           |  |  |  |
| APR 11         |    |         |        |        |          |                    |          |          |          |          |          | 31       | 75       | 206      | 231      | 138      | 188      | 94       | 19       | 19       |          |          |               |             | APR 11 |  |  |           |  |  |  |
| APR 21         |    |         |        |        |          |                    |          |          |          |          |          | 13       | 31       | 169      | 175      | 144      | 163      | 144      | 94       | 44       | 25       |          |               |             | APR 21 |  |  |           |  |  |  |
| MAY 1          |    |         |        |        |          |                    |          |          |          |          |          |          | 19       | 38       | 106      | 150      | 244      | 138      | 200      | 75       | 25       | 6        |               |             | MAY 1  |  |  |           |  |  |  |
| MAY 11         |    |         |        |        |          |                    |          |          |          |          |          | 6        | 56       | 100      | 100      | 188      | 188      | 150      | 175      | 38       |          |          |               |             | MAY 11 |  |  |           |  |  |  |
| MAY 21         |    |         |        |        |          |                    |          |          |          |          |          |          | 11       | 68       | 97       | 188      | 159      | 205      | 165      | 97       | 11       |          |               |             | MAY 21 |  |  |           |  |  |  |
| JUN 1          |    |         |        |        |          |                    |          |          |          |          |          |          |          | 13       | 69       | 138      | 163      | 206      | 188      | 163      | 44       | 19       |               |             | JUN 1  |  |  |           |  |  |  |
| JUN 11         |    |         |        |        |          |                    |          |          |          |          |          |          |          | 19       | 63       | 150      | 75       | 231      | 206      | 144      | 63       | 50       |               |             | JUN 11 |  |  |           |  |  |  |
| JUN 21         |    |         |        |        |          |                    |          |          |          |          |          |          |          | 13       | 31       | 94       | 88       | 106      | 188      | 206      | 231      | 44       |               |             | JUN 21 |  |  |           |  |  |  |
| JUL 1          |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          | 53       | 13       | 87       | 240      | 220      | 273      | 113           |             | JUL 1  |  |  |           |  |  |  |
| JUL 11         |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          | 13       |          | 27       | 120      | 307      | 307      | 207           | 20          | JUL 11 |  |  |           |  |  |  |
| JUL 21         |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          | 18       | 18       | 73       | 145      | 503      | 230           | 12          | JUL 21 |  |  |           |  |  |  |
| AUG 1          |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          | 19       | 50       | 94       | 206      | 394      | 225           | 13          | AUG 1  |  |  |           |  |  |  |
| AUG 11         |    |         |        |        |          |                    |          |          |          |          |          |          |          | 13       | 19       | 44       | 56       | 69       | 113      | 225      | 231      | 225      | 6             |             | AUG 11 |  |  |           |  |  |  |
| AUG 21         |    |         |        |        |          |                    |          |          |          |          |          |          |          |          | 6        | 45       | 63       | 165      | 176      | 284      | 148      | 108      | 6             |             | AUG 21 |  |  |           |  |  |  |
| SEP 1          |    |         |        |        |          |                    |          |          |          |          |          |          |          |          | 6        | 19       | 50       | 119      | 119      | 250      | 244      | 181      | 13            |             | SEP 1  |  |  |           |  |  |  |
| SEP 11         |    |         |        |        |          |                    |          |          |          |          |          | 6        | 13       | 31       | 125      | 156      | 138      | 181      | 206      | 81       | 63       |          |               |             | SEP 11 |  |  |           |  |  |  |
| SEP 21         |    |         |        |        |          |                    |          |          |          |          |          | 6        | 50       | 63       | 119      | 163      | 194      | 219      | 119      | 69       |          |          |               |             | SEP 21 |  |  |           |  |  |  |
| OCT 1          |    |         |        |        |          |                    |          |          |          |          |          | 6        | 100      | 119      | 219      | 194      | 194      | 150      | 19       |          |          |          |               |             | OCT 1  |  |  |           |  |  |  |
| OCT 11         |    |         |        |        |          |                    |          |          |          |          |          |          | 184      | 234      | 222      | 222      | 76       | 13       |          |          |          |          |               |             | OCT 11 |  |  |           |  |  |  |
| OCT 21         |    |         |        |        |          |                    |          |          |          |          |          |          | 11       | 17       | 91       | 160      | 280      | 257      | 149      | 29       | 6        |          |               |             | OCT 21 |  |  |           |  |  |  |
| NOV 1          |    |         |        |        |          |                    |          |          |          |          |          | 13       | 56       | 206      | 406      | 269      | 31       | 19       |          |          |          |          |               |             | NOV 1  |  |  |           |  |  |  |
| NOV 11         |    |         |        |        |          |                    |          |          |          |          |          |          | 63       | 213      | 400      | 181      | 94       | 31       |          |          |          |          |               |             | NOV 11 |  |  |           |  |  |  |
| NOV 21         |    |         |        |        |          |                    |          |          |          |          |          |          | 19       | 69       | 270      | 371      | 176      | 75       | 6        |          |          |          |               |             | NOV 21 |  |  |           |  |  |  |
| DEC 1          |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | DEC 1  |  |  |           |  |  |  |
| DEC 11         |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | DEC 11 |  |  |           |  |  |  |
| DEC 21         |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | DEC 21 |  |  |           |  |  |  |
| DEC 21         | 11 |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | DEC 21 |  |  |           |  |  |  |
| MONTH          |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               | MONTH       |        |  |  |           |  |  |  |
| JAN            | 8  |         | 34     | 32     | 63       | 77                 | 145      | 216      | 268      | 127      | 28       | 2        |          |          |          |          |          |          |          |          |          |          |               |             | JAN    |  |  |           |  |  |  |
| FEB            |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | FEB    |  |  |           |  |  |  |
| MAR            |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | MAR    |  |  |           |  |  |  |
| APR            |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | APR    |  |  |           |  |  |  |
| MAY            |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | MAY    |  |  |           |  |  |  |
| JUN            |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | JUN    |  |  |           |  |  |  |
| JUL            |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | JUL    |  |  |           |  |  |  |
| AUG            |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | AUG    |  |  |           |  |  |  |
| SEP            |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | SEP    |  |  |           |  |  |  |
| OCT            |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | OCT    |  |  |           |  |  |  |
| NOV            |    |         |        |        |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |             | NOV    |  |  |           |  |  |  |
| DEC            | 4  | 2       | 8      | 20     | 34       | 73                 | 167      | 268      | 321      | 85       | 14       | 4        |          |          |          |          |          |          |          |          |          |          |               |             | DEC    |  |  |           |  |  |  |

(con.)

Table 22 (Con.)

| MINIMUM DAILY TEMPERATURE   |            |              |              |                |                |                |                |                |                | PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES<br>-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |  |
|-----------------------------|------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|----------------|--------|--|--|--|--|
| STATION NUMBER 108395 SHOUH |            |              |              |                |                |                |                |                |                | 1966-1981                                                                                            |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |  |
|                             |            |              |              |                |                |                |                |                |                | TEMPERATURE VALUES                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |  |
| PRD.<br>BEGINS              | BELOW<br>0 | 0<br>TO<br>4 | 5<br>TO<br>9 | 10<br>TO<br>14 | 15<br>TO<br>19 | 20<br>TO<br>24 | 25<br>TO<br>29 | 30<br>TO<br>34 | 35<br>TO<br>39 | 40<br>TO<br>44                                                                                       | 45<br>TO<br>49 | 50<br>TO<br>54 | 55<br>TO<br>59 | 60<br>TO<br>64 | 65<br>TO<br>69 | 70<br>TO<br>74 | 75<br>TO<br>79 | 80<br>TO<br>84 | 85<br>TO<br>89 | 90<br>TO<br>94 | 95<br>TO<br>99 | 100<br>AND<br>ABOVE | PRD.<br>BEGINS |        |  |  |  |  |
| JAN 1                       | 219        | 69           | 88           | 131            | 131            | 156            | 144            | 63             |                |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 1  |  |  |  |  |
| JAN 11                      | 31         | 25           | 81           | 81             | 206            | 119            | 231            | 225            |                |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 11 |  |  |  |  |
| JAN 21                      | 102        | 63           | 125          | 125            | 148            | 125            | 148            | 148            | 17             |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN 21 |  |  |  |  |
| FEB 1                       | 63         | 31           | 106          | 169            | 131            | 231            | 175            | 94             |                |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB 1  |  |  |  |  |
| FEB 11                      |            |              | 44           | 131            | 125            | 250            | 231            | 213            | 6              |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB 11 |  |  |  |  |
| FEB 21                      |            |              | 30           | 83             | 136            | 189            | 333            | 220            | 8              |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB 21 |  |  |  |  |
| MAR 1                       |            | 13           | 38           | 56             | 94             | 188            | 306            | 275            | 31             |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR 1  |  |  |  |  |
| MAR 11                      |            |              | 6            | 13             | 63             | 225            | 319            | 325            | 50             |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR 11 |  |  |  |  |
| MAR 21                      |            |              | 6            |                | 17             | 149            | 383            | 326            | 109            | 11                                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR 21 |  |  |  |  |
| APR 1                       |            |              |              |                | 13             | 63             | 306            | 381            | 169            | 63                                                                                                   | 6              |                |                |                |                |                |                |                |                |                |                |                     |                | APR 1  |  |  |  |  |
| APR 11                      |            |              |              |                |                | 56             | 244            | 381            | 238            | 69                                                                                                   | 6              | 6              |                |                |                |                |                |                |                |                |                |                     |                | APR 11 |  |  |  |  |
| APR 21                      |            |              |              |                |                | 13             | 69             | 344            | 338            | 206                                                                                                  | 31             |                |                |                |                |                |                |                |                |                |                |                     |                | APR 21 |  |  |  |  |
| MAY 1                       |            |              |              |                |                | 6              | 50             | 200            | 356            | 281                                                                                                  | 94             | 13             |                |                |                |                |                |                |                |                |                |                     |                | MAY 1  |  |  |  |  |
| MAY 11                      |            |              |              |                |                | 19             | 188            | 350            | 338            | 94                                                                                                   | 13             |                |                |                |                |                |                |                |                |                |                |                     |                | MAY 11 |  |  |  |  |
| MAY 21                      |            |              |              |                |                | 6              | 97             | 261            | 369            | 227                                                                                                  | 40             |                |                |                |                |                |                |                |                |                |                |                     |                | MAY 21 |  |  |  |  |
| JUN 1                       |            |              |              |                |                |                | 44             | 131            | 331            | 331                                                                                                  | 125            | 25             | 6              | 6              |                |                |                |                |                |                |                |                     |                | JUN 1  |  |  |  |  |
| JUN 11                      |            |              |              |                |                |                | 6              | 94             | 294            | 413                                                                                                  | 175            | 19             |                |                |                |                |                |                |                |                |                |                     |                | JUN 11 |  |  |  |  |
| JUN 21                      |            |              |              |                |                |                | 6              | 50             | 188            | 394                                                                                                  | 281            | 75             | 6              |                |                |                |                |                |                |                |                |                     |                | JUN 21 |  |  |  |  |
| JUL 1                       |            |              |              |                |                |                | 13             | 147            | 293            | 400                                                                                                  | 133            | 13             |                |                |                |                |                |                |                |                |                |                     |                | JUL 1  |  |  |  |  |
| JUL 11                      |            |              |              |                |                |                |                | 40             | 227            | 460                                                                                                  | 220            | 53             |                |                |                |                |                |                |                |                |                |                     |                | JUL 11 |  |  |  |  |
| JUL 21                      |            |              |              |                |                |                |                | 24             | 139            | 612                                                                                                  | 182            | 30             |                |                | 6              | 6              |                |                |                |                |                |                     |                | JUL 21 |  |  |  |  |
| AUG 1                       |            |              |              |                |                |                |                | 50             | 256            | 463                                                                                                  | 188            | 44             |                |                |                |                |                |                |                |                |                |                     |                | AUG 1  |  |  |  |  |
| AUG 11                      |            |              |              |                |                |                |                | 6              | 75             | 294                                                                                                  | 481            | 144            |                |                |                |                |                |                |                |                |                |                     |                | AUG 11 |  |  |  |  |
| AUG 21                      |            |              |              |                |                |                |                | 11             | 188            | 466                                                                                                  | 256            | 63             | 17             |                |                |                |                |                |                |                |                |                     |                | AUG 21 |  |  |  |  |
| SEP 1                       |            |              |              |                |                |                | 13             | 125            | 306            | 331                                                                                                  | 200            | 19             | 6              |                |                |                |                |                |                |                |                |                     |                | SEP 1  |  |  |  |  |
| SEP 11                      |            |              |              |                |                |                | 13             | 100            | 200            | 313                                                                                                  | 288            | 81             | 6              |                |                |                |                |                |                |                |                |                     |                | SEP 11 |  |  |  |  |
| SEP 21                      |            |              |              |                |                |                | 31             | 125            | 338            | 363                                                                                                  | 119            | 25             |                |                |                |                |                |                |                |                |                |                     |                | SEP 21 |  |  |  |  |
| OCT 1                       |            |              |              |                |                |                | 113            | 294            | 406            | 138                                                                                                  | 44             | 6              |                |                |                |                |                |                |                |                |                |                     |                | OCT 1  |  |  |  |  |
| OCT 11                      |            |              |              |                | 13             | 32             | 209            | 373            | 203            | 133                                                                                                  | 38             |                |                |                |                |                |                |                |                |                |                |                     |                | OCT 11 |  |  |  |  |
| OCT 21                      |            |              | 6            | 6              | 17             | 80             | 286            | 337            | 223            | 34                                                                                                   | 11             |                |                |                |                |                |                |                |                |                |                |                     |                | OCT 21 |  |  |  |  |
| NOV 1                       |            |              |              | 19             | 31             | 144            | 344            | 313            | 125            | 25                                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV 1  |  |  |  |  |
| NOV 11                      |            | 6            | 6            | 13             | 150            | 181            | 250            | 275            | 100            | 19                                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV 11 |  |  |  |  |
| NOV 21                      |            | 6            | 19           | 25             | 94             | 164            | 245            | 239            | 201            | 6                                                                                                    |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV 21 |  |  |  |  |
| DEC 1                       |            | 56           | 19           | 19             | 125            | 144            | 225            | 244            | 169            |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 1  |  |  |  |  |
| DEC 11                      |            | 63           | 19           | 69             | 138            | 181            | 256            | 175            | 100            |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 11 |  |  |  |  |
| DEC 21                      |            | 28           | 34           | 108            | 188            | 142            | 182            | 148            | 170            |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC 21 |  |  |  |  |
| MONTH                       |            |              |              |                |                |                |                |                |                | MONTH                                                                                                |                |                |                |                |                |                |                |                |                |                |                |                     |                |        |  |  |  |  |
| JAN                         | 117        | 52           | 99           | 113            | 161            | 133            | 173            | 145            | 6              |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | JAN    |  |  |  |  |
| FEB                         | 22         | 11           | 62           | 131            | 131            | 226            | 241            | 173            | 4              |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | FEB    |  |  |  |  |
| MAR                         |            | 4            | 16           | 22             | 57             | 186            | 337            | 309            | 65             | 4                                                                                                    |                |                |                |                |                |                |                |                |                |                |                |                     |                | MAR    |  |  |  |  |
| APR                         |            |              |              |                | 4              | 44             | 206            | 369            | 248            | 113                                                                                                  | 15             | 2              |                |                |                |                |                |                |                |                |                |                     |                | APR    |  |  |  |  |
| MAY                         |            |              |              |                |                | 2              | 24             | 159            | 321            | 331                                                                                                  | 141            | 22             |                |                |                |                |                |                |                |                |                |                     |                | MAY    |  |  |  |  |
| JUN                         |            |              |              |                |                |                |                | 19             | 92             | 271                                                                                                  | 379            | 194            | 40             | 4              | 2              |                |                |                |                |                |                |                     |                | JUN    |  |  |  |  |
| JUL                         |            |              |              |                |                |                |                |                | 4              | 69                                                                                                   | 217            | 495            | 178            | 32             | 2              | 2              |                |                |                |                |                |                     |                | JUL    |  |  |  |  |
| AUG                         |            |              |              |                |                |                |                |                | 6              | 107                                                                                                  | 343            | 395            | 129            | 20             |                |                |                |                |                |                |                |                     |                | AUG    |  |  |  |  |
| SEP                         |            |              |              |                |                |                | 15             | 79             | 221            | 327                                                                                                  | 246            | 102            | 8              | 2              |                |                |                |                |                |                |                |                     |                | SEP    |  |  |  |  |
| OCT                         |            |              | 2            | 2              | 10             | 39             | 205            | 335            | 276            | 99                                                                                                   | 30             | 2              |                |                |                |                |                |                |                |                |                |                     |                | OCT    |  |  |  |  |
| NOV                         | 2          | 8            | 10           | 42             | 115            | 190            | 278            | 263            | 77             | 15                                                                                                   |                |                |                |                |                |                |                |                |                |                |                |                     |                | NOV    |  |  |  |  |
| DEC                         | 48         | 24           | 67           | 151            | 155            | 220            | 188            | 147            |                |                                                                                                      |                |                |                |                |                |                |                |                |                |                |                |                     |                | DEC    |  |  |  |  |

(con.)

Table 22 (Con.)

MAXIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 109560 |    | WARREN |    | TEMPERATURE VALUES |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |       |        | 1960-1961 |  |  |  |  |  |
|----------------|-------|--------|----|--------|----|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-------|--------|-----------|--|--|--|--|--|
| PRO.           | BELOW | 0      | 5  | 10     | 15 | 20                 | 25  | 30  | 35  | 40  | 45  | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90 | 95 | 100   | PRO.   |           |  |  |  |  |  |
| BEGINS         | 0     | TO     | TO | TO     | TO | TO                 | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO | TO | AND   | BEGINS |           |  |  |  |  |  |
|                |       | 4      | 9  | 14     | 19 | 24                 | 29  | 34  | 39  | 44  | 49  | 54  | 59  | 64  | 69  | 74  | 79  | 84  | 89  | 94 | 99 | ABOVE |        |           |  |  |  |  |  |
| JAN 1          |       |        | 9  | 50     | 91 | 136                | 200 | 223 | 200 | 82  | 9   |     |     |     |     |     |     |     |     |    |    |       | JAN 1  |           |  |  |  |  |  |
| JAN 11         |       |        | 5  | 14     | 14 | 91                 | 141 | 214 | 314 | 150 | 55  | 5   |     |     |     |     |     |     |     |    |    |       | JAN 11 |           |  |  |  |  |  |
| JAN 21         |       |        | 4  | 4      | 37 | 108                | 137 | 232 | 266 | 154 | 46  | 12  |     |     |     |     |     |     |     |    |    |       | JAN 21 |           |  |  |  |  |  |
| FEB 1          |       |        |    |        | 14 | 27                 | 73  | 159 | 255 | 264 | 164 | 32  | 14  |     |     |     |     |     |     |    |    |       | FEB 1  |           |  |  |  |  |  |
| FEB 11         |       |        |    |        |    | 14                 | 68  | 214 | 327 | 245 | 86  | 36  | 9   |     |     |     |     |     |     |    |    |       | FEB 11 |           |  |  |  |  |  |
| FEB 21         |       |        | 5  | 5      | 16 | 44                 | 49  | 137 | 236 | 198 | 236 | 60  | 11  |     |     |     |     |     |     |    |    |       | FEB 21 |           |  |  |  |  |  |
| MAR 1          |       |        |    |        |    | 32                 | 82  | 145 | 259 | 245 | 159 | 59  | 14  | 5   |     |     |     |     |     |    |    |       | MAR 1  |           |  |  |  |  |  |
| MAR 11         |       |        |    |        |    | 5                  | 50  | 164 | 182 | 273 | 177 | 86  | 55  |     | 9   |     |     |     |     |    |    |       | MAR 11 |           |  |  |  |  |  |
| MAR 21         |       |        |    |        |    | 12                 | 29  | 62  | 248 | 248 | 128 | 136 | 79  | 50  | 8   |     |     |     |     |    |    |       | MAR 21 |           |  |  |  |  |  |
| APR 1          |       |        |    |        |    |                    | 9   | 45  | 159 | 259 | 209 | 141 | 109 | 55  | 14  |     |     |     |     |    |    |       | APR 1  |           |  |  |  |  |  |
| APR 11         |       |        |    |        |    |                    |     | 45  | 141 | 255 | 200 | 118 | 145 | 55  | 36  | 5   |     |     |     |    |    |       | APR 11 |           |  |  |  |  |  |
| APR 21         |       |        |    |        |    |                    |     | 27  | 86  | 182 | 236 | 118 | 155 | 105 | 59  | 23  | 9   |     |     |    |    |       | APR 21 |           |  |  |  |  |  |
| MAY 1          |       |        |    |        |    |                    |     | 19  | 33  | 126 | 140 | 195 | 167 | 153 | 107 | 37  | 23  |     |     |    |    |       | MAY 1  |           |  |  |  |  |  |
| MAY 11         |       |        |    |        |    |                    |     |     | 18  | 132 | 77  | 123 | 145 | 191 | 200 | 86  | 27  |     |     |    |    |       | MAY 11 |           |  |  |  |  |  |
| MAY 21         |       |        |    |        |    |                    |     |     | 8   | 42  | 59  | 152 | 165 | 156 | 215 | 139 | 46  | 17  |     |    |    |       | MAY 21 |           |  |  |  |  |  |
| JUN 1          |       |        |    |        |    |                    |     |     |     | 5   | 38  | 99  | 122 | 146 | 225 | 235 | 94  | 33  | 5   |    |    |       | JUN 1  |           |  |  |  |  |  |
| JUN 11         |       |        |    |        |    |                    |     |     |     | 9   | 32  | 82  | 123 | 105 | 236 | 164 | 150 | 59  | 41  |    |    |       | JUN 11 |           |  |  |  |  |  |
| JUN 21         |       |        |    |        |    |                    |     |     |     |     | 27  | 82  | 59  | 82  | 168 | 186 | 200 | 164 | 32  |    |    |       | JUN 21 |           |  |  |  |  |  |
| JUL 1          |       |        |    |        |    |                    |     |     |     |     |     |     | 18  | 51  | 111 | 189 | 336 | 226 | 65  |    |    |       | JUL 1  |           |  |  |  |  |  |
| JUL 11         |       |        |    |        |    |                    |     |     |     |     |     |     | 14  | 18  | 64  | 193 | 294 | 289 | 119 | 9  |    |       | JUL 11 |           |  |  |  |  |  |
| JUL 21         |       |        |    |        |    |                    |     |     |     |     |     | 4   | 4   | 4   | 37  | 74  | 318 | 430 | 112 | 17 |    |       | JUL 21 |           |  |  |  |  |  |
| AUG 1          |       |        |    |        |    |                    |     |     |     |     |     |     | 9   | 9   | 41  | 127 | 286 | 395 | 105 | 27 |    |       | AUG 1  |           |  |  |  |  |  |
| AUG 11         |       |        |    |        |    |                    |     |     |     | 5   | 18  | 32  | 45  | 73  | 155 | 245 | 300 | 127 |     |    |    |       | AUG 11 |           |  |  |  |  |  |
| AUG 21         |       |        |    |        |    |                    |     |     |     | 12  | 17  | 70  | 91  | 153 | 215 | 211 | 169 | 54  | 8   |    |    |       | AUG 21 |           |  |  |  |  |  |
| SEP 1          |       |        |    |        |    |                    |     |     | 5   |     | 9   | 14  | 73  | 105 | 151 | 242 | 256 | 137 | 9   |    |    |       | SEP 1  |           |  |  |  |  |  |
| SEP 11         |       |        |    |        |    |                    |     |     | 14  | 14  | 27  | 127 | 95  | 141 | 191 | 200 | 114 | 64  | 14  |    |    |       | SEP 11 |           |  |  |  |  |  |
| SEP 21         |       |        |    |        |    |                    |     |     | 5   | 64  | 64  | 55  | 100 | 155 | 164 | 209 | 127 | 59  |     |    |    |       | SEP 21 |           |  |  |  |  |  |
| OCT 1          |       |        |    |        |    |                    |     |     | 23  | 64  | 69  | 110 | 128 | 138 | 193 | 147 | 128 |     |     |    |    |       | OCT 1  |           |  |  |  |  |  |
| OCT 11         |       |        |    |        |    |                    |     |     | 5   | 42  | 88  | 139 | 130 | 144 | 222 | 144 | 69  | 19  |     |    |    |       | OCT 11 |           |  |  |  |  |  |
| OCT 21         |       |        |    |        |    |                    | 8   | 29  | 105 | 122 | 185 | 193 | 176 | 97  | 71  | 13  |     |     |     |    |    |       | OCT 21 |           |  |  |  |  |  |
| NOV 1          |       |        |    |        |    | 5                  | 9   | 64  | 182 | 273 | 127 | 168 | 109 | 45  | 18  |     |     |     |     |    |    |       | NOV 1  |           |  |  |  |  |  |
| NOV 11         |       |        |    |        |    |                    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |       | NOV 11 |           |  |  |  |  |  |
| NOV 21         |       |        |    |        |    | 5                  | 32  | 95  | 264 | 336 | 205 | 59  | 5   |     |     |     |     |     |     |    |    |       | NOV 21 |           |  |  |  |  |  |
| DEC 1          |       |        |    | 14     | 27 | 36                 | 136 | 245 | 268 | 173 | 68  | 5   |     |     |     |     |     |     |     |    |    |       | DEC 1  |           |  |  |  |  |  |
| DEC 11         | 5     |        |    | 23     | 23 | 118                | 168 | 209 | 268 | 164 | 18  |     |     | 5   |     |     |     |     |     |    |    |       | DEC 11 |           |  |  |  |  |  |
| DEC 21         |       | 4      | 12 |        | 29 | 99                 | 227 | 289 | 240 | 79  | 21  |     |     |     |     |     |     |     |     |    |    |       | DEC 21 |           |  |  |  |  |  |
| MONTH          |       |        |    |        |    |                    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |       | MONTH  |           |  |  |  |  |  |
| JAN            |       |        | 6  | 22     | 47 | 112                | 159 | 223 | 260 | 129 | 37  | 6   |     |     |     |     |     |     |     |    |    |       | JAN    |           |  |  |  |  |  |
| FEB            |       |        | 2  | 2      | 10 | 27                 | 64  | 172 | 275 | 238 | 158 | 42  | 11  |     |     |     |     |     |     |    |    |       | FEB    |           |  |  |  |  |  |
| MAR            |       |        |    |        |    | 16                 | 53  | 122 | 230 | 255 | 154 | 95  | 50  | 19  | 6   |     |     |     |     |    |    |       | MAR    |           |  |  |  |  |  |
| APR            |       |        |    |        |    |                    | 3   | 39  | 129 | 232 | 215 | 126 | 136 | 71  | 36  | 9   | 3   |     |     |    |    |       | APR    |           |  |  |  |  |  |
| MAY            |       |        |    |        |    |                    |     |     | 6   | 19  | 98  | 91  | 156 | 159 | 167 | 176 | 89  | 33  | 6   |    |    |       | MAY    |           |  |  |  |  |  |
| JUN            |       |        |    |        |    |                    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |       | JUN    |           |  |  |  |  |  |
| JUL            |       |        |    |        |    |                    |     |     |     |     | 5   | 32  | 87  | 101 | 110 | 210 | 194 | 149 | 86  | 26 |    |       | JUL    |           |  |  |  |  |  |
| AUG            |       |        |    |        |    |                    |     |     |     |     |     | 6   | 12  | 38  | 50  | 91  | 167 | 246 | 284 | 94 | 12 |       | AUG    |           |  |  |  |  |  |
| SEP            |       |        |    |        |    |                    |     |     | 8   | 26  | 33  | 65  | 90  | 134 | 168 | 217 | 165 | 86  | 8   |    |    |       | SEP    |           |  |  |  |  |  |
| OCT            |       |        |    |        |    |                    | 3   | 12  | 58  | 92  | 132 | 146 | 150 | 150 | 134 | 74  | 48  |     |     |    |    |       | OCT    |           |  |  |  |  |  |
| NOV            |       |        |    |        | 5  | 18                 | 52  | 150 | 276 | 230 | 129 | 77  | 42  | 15  | 6   |     |     |     |     |    |    |       | NOV    |           |  |  |  |  |  |
| DEC            | 1     | 1      | 9  | 16     | 26 | 85                 | 179 | 249 | 258 | 136 | 35  | 1   | 1   |     |     |     |     |     |     |    |    |       | DEC    |           |  |  |  |  |  |

(con.)

Table 22 (Con.)

MINIMUM DAILY TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |    | 109560 WARREN |     |     |     |     |     |     |     |     |     | TEMPERATURE VALUES |    |    |    |    |    |    |    |    |    | 1960-1981 |    |     |              |                |     |  |  |  |  |  |  |  |  |  |  |
|----------------|----|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|----|----|----|----|----|----|----|----|----|-----------|----|-----|--------------|----------------|-----|--|--|--|--|--|--|--|--|--|--|
| PRD.<br>BEGINS |    | BELOW         |     | 0   | 5   | 10  | 15  | 20  | 25  | 30  | 35  | 40                 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90        | 95 | 100 | AND<br>ABOVE | PRD.<br>BEGINS |     |  |  |  |  |  |  |  |  |  |  |
|                |    | 0             | 4   | 4   | 9   | 14  | 19  | 24  | 29  | 34  | 39  | 44                 | 49 | 54 | 59 | 64 | 69 | 74 | 79 | 84 | 89 | 94        | 99 |     |              |                |     |  |  |  |  |  |  |  |  |  |  |
| JAN            | 1  | 386           | 91  | 136 | 105 | 123 | 91  | 55  | 14  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | JAN            | 1   |  |  |  |  |  |  |  |  |  |  |
| JAN            | 11 | 250           | 114 | 86  | 132 | 132 | 91  | 127 | 68  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | JAN            | 11  |  |  |  |  |  |  |  |  |  |  |
| JAN            | 21 | 344           | 95  | 154 | 83  | 149 | 71  | 71  | 33  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | JAN            | 21  |  |  |  |  |  |  |  |  |  |  |
| FEB            | 1  | 268           | 105 | 109 | 145 | 141 | 123 | 82  | 27  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | FEB            | 1   |  |  |  |  |  |  |  |  |  |  |
| FEB            | 11 | 164           | 55  | 142 | 132 | 192 | 178 | 91  | 46  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | FEB            | 11  |  |  |  |  |  |  |  |  |  |  |
| FEB            | 21 | 258           | 88  | 187 | 154 | 88  | 126 | 71  | 27  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | FEB            | 21  |  |  |  |  |  |  |  |  |  |  |
| MAR            | 1  | 232           | 77  | 136 | 195 | 136 | 123 | 77  | 23  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | MAR            | 1   |  |  |  |  |  |  |  |  |  |  |
| MAR            | 11 | 199           | 93  | 130 | 171 | 157 | 130 | 106 | 14  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | MAR            | 11  |  |  |  |  |  |  |  |  |  |  |
| MAR            | 21 | 91            | 99  | 120 | 149 | 178 | 198 | 120 | 45  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | MAR            | 21  |  |  |  |  |  |  |  |  |  |  |
| APR            | 1  | 23            | 27  | 86  | 191 | 205 | 264 | 159 | 45  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | APR            | 1   |  |  |  |  |  |  |  |  |  |  |
| APR            | 11 | 23            | 55  | 73  | 155 | 205 | 236 | 214 | 36  | 5   |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | APR            | 11  |  |  |  |  |  |  |  |  |  |  |
| APR            | 21 |               | 5   | 18  | 77  | 191 | 309 | 305 | 86  | 9   |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | APR            | 21  |  |  |  |  |  |  |  |  |  |  |
| MAY            | 1  |               | 5   | 14  | 23  | 98  | 260 | 353 | 223 | 23  |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | MAY            | 1   |  |  |  |  |  |  |  |  |  |  |
| MAY            | 11 |               |     |     | 32  | 50  | 264 | 377 | 232 | 45  |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | MAY            | 11  |  |  |  |  |  |  |  |  |  |  |
| MAY            | 21 |               |     |     | 4   | 34  | 156 | 376 | 300 | 101 | 30  |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | MAY            | 21  |  |  |  |  |  |  |  |  |  |  |
| JUN            | 1  |               |     |     |     | 9   | 94  | 296 | 305 | 216 | 61  | 14                 |    |    | 5  |    |    |    |    |    |    |           |    |     |              | JUN            | 1   |  |  |  |  |  |  |  |  |  |  |
| JUN            | 11 |               |     |     |     |     | 27  | 191 | 359 | 300 | 109 | 14                 |    |    |    |    |    |    |    |    |    |           |    |     |              | JUN            | 11  |  |  |  |  |  |  |  |  |  |  |
| JUN            | 21 |               |     |     |     |     | 41  | 209 | 314 | 291 | 114 | 27                 | 5  |    |    |    |    |    |    |    |    |           |    |     |              | JUN            | 21  |  |  |  |  |  |  |  |  |  |  |
| JUL            | 1  |               |     |     |     |     | 23  | 138 | 318 | 318 | 147 | 46                 | 9  |    |    |    |    |    |    |    |    |           |    |     |              | JUL            | 1   |  |  |  |  |  |  |  |  |  |  |
| JUL            | 11 |               |     |     |     |     | 18  | 101 | 349 | 317 | 147 | 32                 | 32 | 5  |    |    |    |    |    |    |    |           |    |     |              | JUL            | 11  |  |  |  |  |  |  |  |  |  |  |
| JUL            | 21 |               |     |     |     |     | 12  | 83  | 335 | 339 | 153 | 54                 | 25 |    |    |    |    |    |    |    |    |           |    |     |              | JUL            | 21  |  |  |  |  |  |  |  |  |  |  |
| AUG            | 1  |               |     |     |     |     | 5   | 123 | 436 | 264 | 114 | 45                 | 14 |    |    |    |    |    |    |    |    |           |    |     |              | AUG            | 1   |  |  |  |  |  |  |  |  |  |  |
| AUG            | 11 |               |     |     |     |     | 9   | 164 | 391 | 264 | 127 | 36                 | 9  |    |    |    |    |    |    |    |    |           |    |     |              | AUG            | 11  |  |  |  |  |  |  |  |  |  |  |
| AUG            | 21 |               |     |     |     | 8   | 66  | 269 | 343 | 227 | 70  | 17                 |    |    |    |    |    |    |    |    |    |           |    |     |              | AUG            | 21  |  |  |  |  |  |  |  |  |  |  |
| SEP            | 1  |               |     |     |     | 32  | 146 | 297 | 311 | 142 | 27  | 46                 |    |    |    |    |    |    |    |    |    |           |    |     |              | SEP            | 1   |  |  |  |  |  |  |  |  |  |  |
| SEP            | 11 |               |     | 9   | 18  | 68  | 155 | 323 | 227 | 150 | 45  | 5                  |    |    |    |    |    |    |    |    |    |           |    |     |              | SEP            | 11  |  |  |  |  |  |  |  |  |  |  |
| SEP            | 21 |               |     |     | 5   | 86  | 218 | 368 | 223 | 86  | 9   | 5                  |    |    |    |    |    |    |    |    |    |           |    |     |              | SEP            | 21  |  |  |  |  |  |  |  |  |  |  |
| OCT            | 1  |               |     |     | 5   | 41  | 134 | 318 | 327 | 115 | 51  | 9                  |    |    |    |    |    |    |    |    |    |           |    |     |              | OCT            | 1   |  |  |  |  |  |  |  |  |  |  |
| OCT            | 11 |               |     | 9   | 19  | 93  | 98  | 391 | 247 | 107 | 33  | 5                  |    |    |    |    |    |    |    |    |    |           |    |     |              | OCT            | 11  |  |  |  |  |  |  |  |  |  |  |
| OCT            | 21 | 13            | 17  | 42  | 92  | 209 | 272 | 251 | 100 | 4   |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | OCT            | 21  |  |  |  |  |  |  |  |  |  |  |
| NOV            | 1  | 23            | 27  | 82  | 141 | 200 | 205 | 209 | 109 | 5   |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | NOV            | 1   |  |  |  |  |  |  |  |  |  |  |
| NOV            | 11 | 82            | 64  | 68  | 118 | 173 | 227 | 191 | 73  | 5   |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | NOV            | 11  |  |  |  |  |  |  |  |  |  |  |
| NOV            | 21 | 118           | 145 | 150 | 164 | 145 | 114 | 136 | 27  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | NOV            | 21  |  |  |  |  |  |  |  |  |  |  |
| DEC            | 1  | 177           | 109 | 132 | 141 | 150 | 145 | 95  | 50  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | DEC            | 1   |  |  |  |  |  |  |  |  |  |  |
| DEC            | 11 | 232           | 118 | 136 | 127 | 145 | 109 | 100 | 32  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | DEC            | 11  |  |  |  |  |  |  |  |  |  |  |
| DEC            | 21 | 244           | 107 | 136 | 149 | 140 | 124 | 62  | 37  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | DEC            | 21  |  |  |  |  |  |  |  |  |  |  |
| MONTH          |    |               |     |     |     |     |     |     |     |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | MONTH          |     |  |  |  |  |  |  |  |  |  |  |
| JAN            |    | 327           | 100 | 126 | 106 | 135 | 84  | 84  | 38  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              | JAN            |     |  |  |  |  |  |  |  |  |  |  |
| FEB            |    | 229           | 82  | 143 | 143 | 143 | 143 | 82  | 34  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              |                | FEB |  |  |  |  |  |  |  |  |  |  |
| MAR            |    | 171           | 90  | 128 | 171 | 158 | 152 | 102 | 28  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              |                | MAR |  |  |  |  |  |  |  |  |  |  |
| APR            |    | 15            | 29  | 59  | 141 | 200 | 270 | 226 | 56  | 5   |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              |                | APR |  |  |  |  |  |  |  |  |  |  |
| MAY            |    |               | 1   | 4   | 19  | 60  | 225 | 369 | 253 | 58  | 10  |                    |    |    |    |    |    |    |    |    |    |           |    |     |              |                | MAY |  |  |  |  |  |  |  |  |  |  |
| JUN            |    |               |     |     |     | 3   | 54  | 231 | 326 | 270 | 95  | 18                 | 2  | 2  |    |    |    |    |    |    |    |           |    |     |              |                | JUN |  |  |  |  |  |  |  |  |  |  |
| JUL            |    |               |     |     |     |     | 18  | 106 | 334 | 325 | 149 | 44                 | 22 | 1  |    |    |    |    |    |    |    |           |    |     |              |                | JUL |  |  |  |  |  |  |  |  |  |  |
| AUG            |    |               |     |     |     | 3   | 28  | 188 | 389 | 251 | 103 | 32                 | 7  |    |    |    |    |    |    |    |    |           |    |     |              |                | AUG |  |  |  |  |  |  |  |  |  |  |
| SEP            |    |               |     | 3   | 8   | 62  | 173 | 329 | 253 | 126 | 27  | 18                 |    |    |    |    |    |    |    |    |    |           |    |     |              |                | SEP |  |  |  |  |  |  |  |  |  |  |
| OCT            |    | 4             | 9   | 22  | 76  | 149 | 325 | 274 | 107 | 28  | 4   |                    |    |    |    |    |    |    |    |    |    |           |    |     |              |                | OCT |  |  |  |  |  |  |  |  |  |  |
| NOV            |    | 74            | 79  | 100 | 141 | 173 | 182 | 179 | 70  | 3   |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              |                | NOV |  |  |  |  |  |  |  |  |  |  |
| DEC            |    | 218           | 111 | 135 | 139 | 145 | 126 | 85  | 40  |     |     |                    |    |    |    |    |    |    |    |    |    |           |    |     |              |                | DEC |  |  |  |  |  |  |  |  |  |  |

Table 23—Mean temperature statistics; based on arithmetic average of daily maximum and minimum temperatures (table 21)

| MEAN DAILY TEMPERATURE              |       |      |      |        |         |         |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |      |        |        |      |      |        |        |    |
|-------------------------------------|-------|------|------|--------|---------|---------|---|--|--|----------------------------------------------|------|------|--------|--------|------|------|--------|--------|----|
| STATION NUMBER 100835 BIG CREEK 1 S |       |      |      |        |         |         |   |  |  | 1949-1967                                    |      |      |        |        |      |      |        |        |    |
| 10-DAY AND MONTHLY PERIOD MEANS     |       |      |      |        |         |         |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |      |        |        |      |      |        |        |    |
| PRD.                                | NO.   | MEAN | STD. | MEDIAN | HIGHEST | LOWEST  |   |  |  | HIGH.YR                                      | AVG. | STD. | MEDIAN | LOW.YR | AVG. | STD. | MEDIAN | PRD.   |    |
| BEGINS                              | YRS   |      | DEV. |        | AVG.YR  | AVG.YR  |   |  |  |                                              | HIGH | DEV. | HIGH   |        | LOW  | DEV. | LOW    | BEGINS |    |
| JAN                                 | 1 16  | 18.9 | 5.6  | 18.5   | 27.8 53 | 10.9 58 | I |  |  | 38 53                                        | 31.1 | 6.2  | 33.0   | -14 59 | 3.8  | 9.2  | 1.0    | JAN    | 1  |
| JAN                                 | 11 16 | 19.9 | 8.0  | 19.5   | 33.4 53 | 5.1 60  | I |  |  | 42 53                                        | 31.1 | 6.9  | 30.0   | -12 63 | 5.4  | 10.0 | 5.5    | JAN    | 11 |
| JAN                                 | 21 17 | 19.8 | 6.4  | 21.0   | 31.3 53 | 5.0 57  | I |  |  | 39 60                                        | 32.7 | 5.0  | 34.0   | -15 62 | 3.9  | 10.6 | 7.0    | JAN    | 21 |
| FEB                                 | 1 18  | 23.2 | 6.5  | 24.0   | 34.9 63 | 11.5 56 | I |  |  | 42 63                                        | 33.1 | 4.7  | 34.0   | -12 56 | 10.8 | 10.1 | 13.0   | FEB    | 1  |
| FEB                                 | 11 17 | 24.0 | 5.0  | 21.0   | 30.8 58 | 16.1 55 | I |  |  | 40 58                                        | 34.3 | 3.6  | 34.0   | -10 56 | 10.7 | 10.1 | 10.0   | FEB    | 11 |
| FEB                                 | 21 17 | 24.0 | 7.6  | 26.0   | 31.9 63 | 7.9 60  | I |  |  | 43 54                                        | 33.9 | 5.7  | 35.0   | -11 62 | 13.2 | 10.2 | 18.0   | FEB    | 21 |
| MAR                                 | 1 17  | 23.9 | 3.3  | 23.0   | 30.4 57 | 19.4 52 | I |  |  | 40 60                                        | 34.7 | 3.7  | 35.0   | -4 55  | 10.9 | 6.7  | 11.0   | MAR    | 1  |
| MAR                                 | 11 17 | 26.0 | 4.3  | 26.0   | 34.6 49 | 18.1 65 | I |  |  | 41 61                                        | 35.1 | 3.9  | 35.0   | 0 65   | 11.9 | 7.4  | 12.0   | MAR    | 11 |
| MAR                                 | 21 17 | 30.9 | 4.1  | 30.0   | 36.9 63 | 23.2 55 | I |  |  | 44 62                                        | 38.9 | 3.1  | 39.0   | 4 65   | 21.1 | 7.5  | 22.0   | MAR    | 21 |
| APR                                 | 1 17  | 33.9 | 2.8  | 34.0   | 40.9 60 | 28.7 53 | I |  |  | 45 60                                        | 39.9 | 2.2  | 39.0   | 20 52  | 26.3 | 3.5  | 28.0   | APR    | 1  |
| APR                                 | 11 18 | 35.9 | 3.4  | 34.5   | 43.6 62 | 30.2 55 | I |  |  | 50 62                                        | 42.0 | 3.1  | 42.5   | 21 67  | 27.5 | 5.0  | 27.0   | APR    | 11 |
| APR                                 | 21 18 | 37.9 | 3.3  | 38.0   | 43.4 52 | 30.5 67 | I |  |  | 49 59                                        | 43.9 | 4.1  | 45.0   | 25 67  | 30.3 | 3.4  | 30.5   | APR    | 21 |
| MAY                                 | 1 18  | 41.5 | 4.3  | 41.0   | 51.5 66 | 35.3 50 | I |  |  | 53 66                                        | 47.7 | 4.5  | 48.0   | 24 67  | 34.4 | 6.0  | 35.0   | MAY    | 1  |
| MAY                                 | 11 17 | 45.1 | 2.9  | 44.0   | 50.8 54 | 41.1 67 | I |  |  | 57 58                                        | 51.1 | 3.8  | 51.0   | 29 67  | 36.8 | 3.6  | 37.0   | MAY    | 11 |
| MAY                                 | 21 18 | 47.3 | 4.1  | 46.0   | 55.5 58 | 41.2 59 | I |  |  | 60 66                                        | 53.8 | 4.2  | 53.5   | 30 60  | 40.1 | 4.8  | 41.0   | MAY    | 21 |
| JUN                                 | 1 18  | 49.7 | 3.5  | 48.0   | 57.2 52 | 43.9 54 | I |  |  | 62 52                                        | 55.2 | 4.1  | 54.0   | 34 55  | 42.4 | 4.7  | 43.0   | JUN    | 1  |
| JUN                                 | 11 18 | 51.3 | 3.4  | 50.0   | 59.4 61 | 46.8 54 | I |  |  | 66 61                                        | 56.9 | 3.5  | 56.5   | 38 65  | 44.2 | 4.4  | 44.0   | JUN    | 11 |
| JUN                                 | 21 18 | 53.0 | 2.6  | 52.5   | 58.4 61 | 48.6 63 | I |  |  | 66 54                                        | 60.2 | 3.3  | 60.5   | 41 66  | 45.4 | 3.0  | 45.0   | JUN    | 21 |
| JUL                                 | 1 18  | 56.3 | 2.7  | 56.5   | 60.2 50 | 48.9 55 | I |  |  | 67 54                                        | 61.7 | 2.8  | 62.5   | 42 55  | 49.7 | 3.7  | 51.0   | JUL    | 1  |
| JUL                                 | 11 18 | 59.2 | 3.1  | 59.5   | 63.8 55 | 53.0 63 | I |  |  | 70 55                                        | 63.5 | 3.7  | 63.5   | 45 63  | 53.6 | 3.7  | 53.5   | JUL    | 11 |
| JUL                                 | 21 18 | 59.6 | 2.4  | 59.0   | 65.0 60 | 55.0 63 | I |  |  | 71 59                                        | 65.3 | 3.6  | 65.0   | 45 50  | 53.1 | 4.1  | 53.5   | JUL    | 21 |
| AUG                                 | 1 19  | 59.0 | 2.8  | 59.0   | 64.1 61 | 53.2 56 | I |  |  | 69 52                                        | 64.1 | 3.1  | 64.0   | 47 56  | 53.9 | 3.2  | 55.0   | AUG    | 1  |
| AUG                                 | 11 19 | 58.2 | 2.5  | 58.0   | 63.6 58 | 53.0 54 | I |  |  | 69 61                                        | 62.8 | 3.0  | 62.0   | 44 64  | 52.9 | 3.8  | 54.0   | AUG    | 11 |
| AUG                                 | 21 19 | 54.1 | 3.5  | 53.0   | 61.0 67 | 48.7 60 | I |  |  | 68 67                                        | 60.1 | 3.9  | 60.0   | 36 60  | 46.6 | 5.4  | 46.0   | AUG    | 21 |
| SEP                                 | 1 17  | 52.8 | 3.7  | 51.0   | 60.8 67 | 47.1 64 | I |  |  | 65 67                                        | 58.1 | 3.8  | 58.0   | 39 57  | 46.4 | 4.4  | 47.0   | SEP    | 1  |
| SEP                                 | 11 16 | 49.3 | 3.3  | 49.0   | 53.8 53 | 39.8 65 | I |  |  | 60 59                                        | 55.4 | 3.3  | 56.5   | 29 65  | 40.8 | 4.5  | 41.0   | SEP    | 11 |
| SEP                                 | 21 17 | 47.4 | 5.1  | 47.0   | 57.1 67 | 37.9 61 | I |  |  | 60 66                                        | 51.7 | 5.2  | 52.0   | 31 55  | 40.6 | 6.3  | 40.0   | SEP    | 21 |
| OCT                                 | 1 16  | 44.6 | 3.3  | 44.0   | 51.1 63 | 39.3 57 | I |  |  | 58 63                                        | 50.8 | 2.8  | 50.5   | 28 61  | 37.2 | 5.4  | 36.0   | OCT    | 1  |
| OCT                                 | 11 16 | 41.7 | 3.3  | 41.5   | 46.1 63 | 34.7 66 | I |  |  | 53 53                                        | 47.5 | 3.6  | 46.5   | 26 66  | 33.5 | 4.1  | 33.0   | OCT    | 11 |
| OCT                                 | 21 16 | 36.7 | 3.4  | 36.0   | 41.7 65 | 30.5 56 | I |  |  | 51 59                                        | 43.9 | 3.4  | 44.0   | 21 51  | 28.4 | 5.1  | 28.5   | OCT    | 21 |
| NOV                                 | 1 17  | 31.9 | 3.9  | 31.0   | 38.4 65 | 26.2 56 | I |  |  | 48 54                                        | 39.2 | 3.8  | 40.0   | 9 56   | 22.2 | 6.5  | 20.0   | NOV    | 1  |
| NOV                                 | 11 17 | 28.6 | 6.6  | 29.0   | 39.6 54 | 14.4 55 | I |  |  | 47 54                                        | 38.9 | 3.9  | 38.0   | -10 55 | 15.8 | 11.8 | 18.0   | NOV    | 11 |
| NOV                                 | 21 17 | 25.6 | 5.0  | 26.0   | 33.1 53 | 11.1 52 | I |  |  | 51 65                                        | 36.9 | 6.4  | 37.0   | 2 52   | 13.1 | 6.1  | 13.0   | NOV    | 21 |
| DEC                                 | 1 18  | 22.3 | 4.1  | 21.0   | 30.9 58 | 15.8 60 | I |  |  | 40 65                                        | 32.9 | 3.7  | 32.0   | -4 61  | 8.2  | 7.7  | 8.5    | DEC    | 1  |
| DEC                                 | 11 16 | 21.7 | 5.7  | 23.5   | 27.4 62 | 10.0 64 | I |  |  | 36 62                                        | 32.2 | 3.9  | 33.5   | -21 64 | 5.6  | 10.3 | 10.0   | DEC    | 11 |
| DEC                                 | 21 16 | 19.5 | 3.9  | 19.0   | 26.4 64 | 13.7 52 | I |  |  | 38 64                                        | 31.0 | 4.2  | 30.0   | -6 51  | 4.9  | 5.9  | 6.0    | DEC    | 21 |
| MONTH                               |       |      |      |        |         |         |   |  |  | MONTH                                        |      |      |        |        |      |      |        |        |    |
| JAN                                 | 16    | 19.5 | 4.9  | 18.0   | 30.9 53 | 10.9 57 | I |  |  | 42 53                                        | 36.0 | 3.4  | 36.5   | -15 62 | -3.7 | 9.3  | -0.5   | JAN    |    |
| FEB                                 | 17    | 23.6 | 4.2  | 23.0   | 31.8 63 | 17.0 55 | I |  |  | 43 54                                        | 37.2 | 2.8  | 36.0   | -12 56 | 4.4  | 9.9  | 4.0    | FEB    |    |
| MAR                                 | 17    | 27.0 | 2.8  | 27.0   | 30.4 53 | 21.0 55 | I |  |  | 44 62                                        | 39.9 | 2.0  | 40.0   | -4 55  | 8.5  | 5.9  | 9.0    | MAR    |    |
| APR                                 | 17    | 36.1 | 1.9  | 36.0   | 39.1 49 | 31.9 55 | I |  |  | 50 62                                        | 45.5 | 2.5  | 45.0   | 20 52  | 24.5 | 3.2  | 24.0   | APR    |    |
| MAY                                 | 17    | 44.4 | 2.8  | 43.0   | 50.2 58 | 40.5 59 | I |  |  | 60 66                                        | 54.1 | 3.3  | 54.0   | 24 67  | 32.4 | 4.5  | 33.0   | MAY    |    |
| JUN                                 | 18    | 51.4 | 1.9  | 51.0   | 57.3 61 | 48.4 53 | I |  |  | 66 61                                        | 61.1 | 2.8  | 61.5   | 34 55  | 40.5 | 3.6  | 40.0   | JUN    |    |
| JUL                                 | 18    | 58.4 | 1.6  | 58.0   | 61.9 60 | 55.2 63 | I |  |  | 71 59                                        | 66.6 | 3.0  | 67.0   | 42 55  | 48.5 | 3.6  | 48.0   | JUL    |    |
| AUG                                 | 19    | 57.0 | 2.2  | 56.0   | 61.6 61 | 54.0 54 | I |  |  | 69 61                                        | 65.3 | 2.6  | 65.0   | 36 60  | 46.3 | 4.9  | 46.0   | AUG    |    |
| SEP                                 | 16    | 49.5 | 2.8  | 49.0   | 54.4 63 | 44.5 65 | I |  |  | 65 67                                        | 58.1 | 3.3  | 58.5   | 29 65  | 37.3 | 4.1  | 38.0   | SEP    |    |
| OCT                                 | 16    | 40.9 | 2.0  | 40.0   | 44.3 63 | 38.5 61 | I |  |  | 58 63                                        | 51.3 | 2.4  | 51.0   | 21 51  | 27.6 | 4.3  | 28.0   | OCT    |    |
| NOV                                 | 17    | 28.7 | 3.5  | 29.0   | 35.8 54 | 23.6 52 | I |  |  | 51 65                                        | 41.4 | 4.0  | 41.0   | -10 55 | 7.7  | 6.9  | 8.0    | NOV    |    |
| DEC                                 | 16    | 21.0 | 2.8  | 20.0   | 27.9 58 | 17.1 54 | I |  |  | 40 65                                        | 35.0 | 2.6  | 34.5   | -21 64 | -1.1 | 7.2  | 0.5    | DEC    |    |

(con.)

Table 23 (Con.)

| MEAN DAILY TEMPERATURE                                           |       |      |      |        |         |         |   |   |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES         |      |      |        |        |      |      |        |        |    |
|------------------------------------------------------------------|-------|------|------|--------|---------|---------|---|---|--|------------------------------------------------------|------|------|--------|--------|------|------|--------|--------|----|
| STATION NUMBER 101663 CHALLIS<br>10-DAY AND MONTHLY PERIOD MEANS |       |      |      |        |         |         |   |   |  | 1951-1980<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |      |      |        |        |      |      |        |        |    |
| PRD.                                                             | NO.   | MEAN | STD. | MEDIAN | HIGHEST | LOWEST  |   |   |  | HIGH.YR                                              | AVG. | STD. | MEDIAN | LOW.YR | AVG. | STD. | MEDIAN | PRD.   |    |
| BEGINS                                                           | YRS   |      | DEV. |        | AVG.YR  | AVG.YR  |   |   |  |                                                      | HIGH | DEV. | HIGH   |        | LOW  | DEV. | LOW    | BEGINS |    |
| JAN                                                              | 1 30  | 17.3 | 8.8  | 18.0   | 30.8 69 | -5.9 74 | I |   |  | 45 69                                                | 29.2 | 8.6  | 30.0   | -13 79 | 5.1  | 9.3  | 5.0    | JAN    | 1  |
| JAN                                                              | 11 30 | 22.9 | 7.5  | 24.0   | 38.2 53 | 8.1 60  | I |   |  | 46 53                                                | 33.5 | 7.0  | 34.0   | -14 63 | 10.3 | 10.1 | 10.5   | JAN    | 11 |
| JAN                                                              | 21 30 | 20.9 | 7.9  | 21.0   | 35.6 53 | 3.9 57  | I |   |  | 47 71                                                | 32.8 | 7.4  | 31.0   | -17 62 | 7.6  | 11.4 | 11.0   | JAN    | 21 |
| FEB                                                              | 1 30  | 24.9 | 6.9  | 24.5   | 40.7 63 | 3.6 56  | I |   |  | 47 63                                                | 34.4 | 6.3  | 34.0   | -16 56 | 14.3 | 10.9 | 17.0   | FEB    | 1  |
| FEB                                                              | 11 29 | 28.3 | 5.4  | 28.0   | 37.1 77 | 15.7 52 | I |   |  | 47 70                                                | 37.7 | 5.3  | 39.0   | 1 96   | 19.0 | 7.1  | 20.0   | FEB    | 11 |
| FEB                                                              | 21 29 | 28.5 | 7.5  | 29.0   | 38.8 54 | 9.9 60  | I |   |  | 48 54                                                | 36.9 | 6.0  | 38.0   | -3 60  | 20.9 | 9.3  | 22.0   | FEB    | 21 |
| MAR                                                              | 1 30  | 30.0 | 5.3  | 30.0   | 40.1 68 | 18.9 52 | I |   |  | 48 72                                                | 38.9 | 5.4  | 38.5   | -2 60  | 20.2 | 8.2  | 22.0   | MAR    | 1  |
| MAR                                                              | 11 30 | 32.9 | 4.5  | 31.5   | 44.8 72 | 26.3 52 | I |   |  | 49 72                                                | 40.6 | 4.1  | 40.0   | 12 51  | 23.5 | 6.9  | 23.5   | MAR    | 11 |
| MAR                                                              | 21 30 | 38.1 | 4.5  | 37.0   | 48.3 78 | 27.0 75 | I |   |  | 55 68                                                | 45.5 | 4.7  | 45.0   | 16 75  | 29.1 | 6.0  | 29.0   | MAR    | 21 |
| APR                                                              | 1 29  | 41.6 | 3.9  | 42.0   | 50.4 60 | 31.1 75 | I |   |  | 55 77                                                | 48.3 | 4.7  | 49.0   | 24 75  | 33.2 | 3.9  | 34.0   | APR    | 1  |
| APR                                                              | 11 30 | 43.6 | 3.9  | 42.5   | 54.3 62 | 35.9 70 | I |   |  | 63 62                                                | 50.9 | 4.4  | 51.0   | 25 66  | 35.0 | 5.1  | 34.0   | APR    | 11 |
| APR                                                              | 21 30 | 46.3 | 4.4  | 45.5   | 57.7 77 | 38.4 75 | I |   |  | 62 77                                                | 53.6 | 4.8  | 54.0   | 31 67  | 38.5 | 4.9  | 37.0   | APR    | 21 |
| MAY                                                              | 1 30  | 50.5 | 4.3  | 51.0   | 61.7 66 | 42.4 75 | M | I |  | 66 66                                                | 57.6 | 4.2  | 58.0   | 30 54  | 41.9 | 5.9  | 43.0   | MAY    | 1  |
| MAY                                                              | 11 30 | 52.6 | 4.2  | 52.0   | 61.5 54 | 42.3 74 | I |   |  | 71 54                                                | 60.6 | 4.4  | 60.5   | 36 74  | 43.3 | 4.7  | 43.0   | MAY    | 11 |
| MAY                                                              | 21 29 | 55.3 | 4.3  | 54.0   | 63.9 58 | 47.9 59 | M | I |  | 70 66                                                | 63.2 | 3.9  | 63.0   | 39 78  | 46.6 | 5.2  | 45.0   | MAY    | 21 |
| JUN                                                              | 1 30  | 58.5 | 4.9  | 57.5   | 67.6 72 | 47.4 51 | I |   |  | 73 77                                                | 65.1 | 4.2  | 65.0   | 40 51  | 51.2 | 5.5  | 50.5   | JUN    | 1  |
| JUN                                                              | 11 30 | 60.7 | 4.1  | 61.0   | 71.4 74 | 54.0 76 | I |   |  | 75 74                                                | 67.2 | 3.8  | 67.0   | 43 73  | 53.0 | 5.0  | 53.0   | JUN    | 11 |
| JUN                                                              | 21 30 | 63.0 | 4.4  | 62.5   | 71.5 61 | 52.9 69 | I |   |  | 78 70                                                | 70.5 | 3.9  | 71.0   | 45 69  | 53.9 | 5.1  | 54.0   | JUN    | 21 |
| JUL                                                              | 1 30  | 66.4 | 3.9  | 67.5   | 73.3 75 | 56.0 55 | I |   |  | 80 60                                                | 72.3 | 3.9  | 72.5   | 47 55  | 58.4 | 5.0  | 59.0   | JUL    | 1  |
| JUL                                                              | 11 30 | 69.5 | 2.4  | 69.5   | 74.0 59 | 64.4 52 | I |   |  | 79 60                                                | 74.3 | 2.6  | 74.0   | 56 80  | 62.9 | 4.1  | 63.0   | JUL    | 11 |
| JUL                                                              | 21 30 | 70.1 | 2.2  | 69.5   | 75.0 60 | 66.2 51 | I |   |  | 80 60                                                | 75.0 | 2.6  | 75.0   | 55 72  | 63.6 | 4.2  | 64.5   | JUL    | 21 |
| AUG                                                              | 1 29  | 68.5 | 3.4  | 69.0   | 75.2 61 | 61.1 76 | I |   |  | 81 61                                                | 73.3 | 3.4  | 72.0   | 51 74  | 62.8 | 4.7  | 63.0   | AUG    | 1  |
| AUG                                                              | 11 29 | 66.9 | 4.1  | 68.0   | 72.9 61 | 58.1 68 | I |   |  | 80 69                                                | 72.5 | 3.7  | 72.0   | 47 74  | 60.2 | 6.0  | 63.0   | AUG    | 11 |
| AUG                                                              | 21 29 | 63.3 | 4.1  | 62.0   | 70.9 67 | 57.2 65 | I |   |  | 81 61                                                | 69.9 | 4.5  | 70.0   | 46 60  | 55.4 | 5.0  | 55.0   | AUG    | 21 |
| SEP                                                              | 1 30  | 61.6 | 2.9  | 61.0   | 67.4 67 | 55.6 64 | I |   |  | 74 67                                                | 68.1 | 3.1  | 67.5   | 46 76  | 53.1 | 4.0  | 53.5   | SEP    | 1  |
| SEP                                                              | 11 30 | 56.9 | 3.8  | 56.5   | 62.4 56 | 46.4 78 | I |   |  | 73 66                                                | 64.4 | 3.8  | 64.0   | 30 65  | 47.9 | 6.1  | 48.0   | SEP    | 11 |
| SEP                                                              | 21 30 | 54.4 | 4.8  | 54.0   | 63.9 67 | 45.3 61 | I |   |  | 71 66                                                | 60.4 | 4.0  | 60.5   | 37 71  | 46.0 | 5.9  | 46.5   | SEP    | 21 |
| OCT                                                              | 1 30  | 51.5 | 3.9  | 51.5   | 60.4 63 | 43.8 77 | I |   |  | 67 63                                                | 58.5 | 3.3  | 58.0   | 35 59  | 42.5 | 5.0  | 42.0   | OCT    | 1  |
| OCT                                                              | 11 28 | 47.4 | 3.6  | 47.5   | 52.9 58 | 35.9 69 | I |   |  | 61 64                                                | 55.4 | 4.2  | 57.0   | 26 69  | 38.6 | 4.7  | 38.0   | OCT    | 11 |
| OCT                                                              | 21 29 | 41.8 | 3.9  | 42.0   | 48.3 62 | 35.4 70 | I |   |  | 59 59                                                | 50.2 | 4.7  | 50.0   | 14 71  | 33.0 | 5.9  | 34.0   | OCT    | 21 |
| NOV                                                              | 1 29  | 37.1 | 4.5  | 37.0   | 47.6 65 | 31.1 73 | I |   |  | 57 58                                                | 45.2 | 4.9  | 45.0   | 19 78  | 28.4 | 6.9  | 29.0   | NOV    | 1  |
| NOV                                                              | 11 29 | 32.2 | 5.4  | 33.0   | 42.9 54 | 18.1 55 | I |   |  | 51 54                                                | 41.9 | 4.1  | 41.0   | 0 55   | 22.5 | 8.1  | 23.0   | NOV    | 11 |
| NOV                                                              | 21 29 | 28.0 | 5.2  | 28.0   | 37.2 53 | 14.6 52 | I |   |  | 51 60                                                | 38.2 | 5.7  | 39.0   | 1 79   | 17.4 | 7.4  | 19.0   | NOV    | 21 |
| DEC                                                              | 1 29  | 25.7 | 4.0  | 24.0   | 35.1 75 | 18.1 78 | I |   |  | 47 51                                                | 35.1 | 4.9  | 36.0   | -9 72  | 15.0 | 7.1  | 17.0   | DEC    | 1  |
| DEC                                                              | 11 28 | 22.5 | 5.6  | 23.0   | 31.6 69 | 11.1 67 | I |   |  | 41 56                                                | 32.1 | 4.5  | 32.5   | -6 64  | 12.1 | 7.9  | 14.5   | DEC    | 11 |
| DEC                                                              | 21 28 | 21.4 | 5.1  | 20.0   | 37.2 80 | 14.0 52 | I |   |  | 46 80                                                | 32.8 | 5.3  | 31.5   | -12 78 | 9.2  | 8.1  | 11.0   | DEC    | 21 |
| MONTH                                                            |       |      |      |        |         |         |   |   |  |                                                      |      |      |        |        |      |      |        | MONTH  |    |
| JAN                                                              | 30    | 20.4 | 5.7  | 19.5   | 33.9 53 | 5.7 79  | I |   |  | 47 71                                                | 36.9 | 5.6  | 37.5   | -17 62 | -1.0 | 9.4  | -1.0   | JAN    |    |
| FEB                                                              | 28    | 27.3 | 4.8  | 27.0   | 37.7 63 | 16.8 56 | I |   |  | 48 54                                                | 40.3 | 4.5  | 40.5   | -16 56 | 10.8 | 10.8 | 12.5   | FEB    |    |
| MAR                                                              | 30    | 33.8 | 3.5  | 32.5   | 41.8 68 | 27.0 52 | I |   |  | 55 68                                                | 46.5 | 3.8  | 46.0   | -2 60  | 18.5 | 7.2  | 17.5   | MAR    |    |
| APR                                                              | 29    | 43.8 | 2.9  | 43.0   | 48.8 77 | 36.8 75 | I |   |  | 63 62                                                | 54.6 | 4.1  | 54.0   | 24 75  | 31.4 | 3.2  | 32.0   | APR    |    |
| MAY                                                              | 29    | 53.0 | 3.0  | 53.0   | 59.0 69 | 47.4 59 | M | I |  | 71 54                                                | 64.3 | 3.2  | 64.0   | 30 54  | 39.5 | 4.0  | 39.0   | MAY    |    |
| JUN                                                              | 30    | 60.7 | 2.8  | 60.0   | 66.2 61 | 55.1 51 | M | I |  | 78 70                                                | 71.3 | 2.8  | 71.0   | 40 51  | 48.3 | 3.8  | 48.0   | JUN    |    |
| JUL                                                              | 30    | 68.7 | 1.9  | 68.5   | 73.0 60 | 65.7 55 | I |   |  | 80 60                                                | 76.3 | 1.9  | 76.0   | 47 55  | 57.3 | 4.4  | 57.0   | JUL    |    |
| AUG                                                              | 29    | 66.1 | 3.1  | 65.0   | 72.3 61 | 61.0 76 | I |   |  | 81 61                                                | 74.5 | 3.0  | 74.0   | 46 60  | 54.7 | 5.1  | 53.0   | AUG    |    |
| SEP                                                              | 30    | 57.6 | 2.9  | 57.0   | 62.6 66 | 51.3 65 | I |   |  | 74 67                                                | 68.6 | 3.0  | 68.5   | 30 65  | 43.7 | 5.1  | 45.0   | SEP    |    |
| OCT                                                              | 28    | 46.7 | 2.4  | 46.0   | 51.8 63 | 42.0 69 | I |   |  | 67 63                                                | 59.3 | 2.7  | 59.0   | 14 71  | 31.8 | 5.2  | 32.5   | OCT    |    |
| NOV                                                              | 28    | 32.5 | 3.4  | 32.5   | 38.3 65 | 26.8 79 | I |   |  | 57 58                                                | 46.2 | 4.9  | 45.0   | 0 55   | 14.6 | 6.5  | 17.0   | NOV    |    |
| DEC                                                              | 26    | 23.2 | 3.2  | 22.5   | 29.8 80 | 16.9 78 | I |   |  | 47 51                                                | 37.6 | 4.2  | 37.0   | -12 78 | 5.5  | 6.8  | 6.0    | DEC    |    |

(con.)

Table 23 (Con.)

| MEAN DAILY TEMPERATURE                                          |     |      |      |      |         |         |         |     |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES         |      |      |        |        |      |      |        |        |    |
|-----------------------------------------------------------------|-----|------|------|------|---------|---------|---------|-----|--|------------------------------------------------------|------|------|--------|--------|------|------|--------|--------|----|
| STATION NUMBER 101932 COBALT<br>10-DAY AND MONTHLY PERIOD MEANS |     |      |      |      |         |         |         |     |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES<br>1962-1981 |      |      |        |        |      |      |        |        |    |
| PRD.                                                            | NO. |      | MEAN | STD. | MEDIAN  | HIGHEST | LOWEST  |     |  | HIGH                                                 | AVG. | STD. | MEDIAN | LOW    | AVG. | STD. | MEDIAN | PRD.   |    |
| BEGINS                                                          | YRS |      |      | DEV. |         | AVG, YR | AVG, YR |     |  | YR                                                   | HIGH | DEV. | HIGH   | YR     | LOW  | DEV. | LOW    | BEGINS |    |
| JAN                                                             | 1   | 20   | 14.6 | 8.9  | 15.5    | 26.1 66 | -4.9 74 | I   |  | 39 69                                                | 26.4 | 8.2  | 28.5   | -19 79 | 1.3  | 10.3 | 3.0    | JAN    | 1  |
| JAN                                                             | 11  | 20   | 21.1 | 7.0  | 22.5    | 30.6 67 | 2.1 63  | I   |  | 42 71                                                | 31.9 | 6.5  | 32.5   | -14 63 | 6.9  | 8.5  | 7.5    | JAN    | 11 |
| JAN                                                             | 21  | 20   | 18.3 | 7.2  | 17.0    | 28.5 71 | 5.5 63  | I   |  | 43 71                                                | 30.3 | 7.1  | 32.0   | -11 62 | 5.1  | 8.6  | 6.5    | JAN    | 21 |
| FEB                                                             | 1   | 20   | 22.7 | 4.5  | 21.5    | 29.6 78 | 14.5 76 | I   |  | 40 67                                                | 33.4 | 4.1  | 34.5   | -6 72  | 11.9 | 8.4  | 15.0   | FEB    | 1  |
| FEB                                                             | 11  | 20   | 26.7 | 3.8  | 26.0    | 33.9 77 | 19.9 66 | I   |  | 41 70                                                | 36.2 | 3.5  | 37.5   | 4 66   | 15.6 | 6.2  | 16.0   | FEB    | 11 |
| FEB                                                             | 21  | 20   | 27.2 | 5.9  | 28.0    | 34.4 80 | 10.8 62 | I   |  | 41 80                                                | 34.9 | 4.0  | 36.0   | -3 62  | 18.8 | 8.4  | 21.0   | FEB    | 21 |
| MAR                                                             | 1   | 19   | 28.8 | 4.7  | 28.0    | 36.4 68 | 21.6 69 | I   |  | 44 68                                                | 37.2 | 4.5  | 38.0   | 8 76   | 19.5 | 7.7  | 18.0   | MAR    | 1  |
| MAR                                                             | 11  | 19   | 30.8 | 4.5  | 30.0    | 39.8 72 | 22.4 65 | M I |  | 44 81                                                | 39.2 | 3.4  | 40.0   | 9 65   | 22.2 | 6.6  | 21.0   | MAR    | 11 |
| MAR                                                             | 21  | 19   | 33.9 | 4.5  | 33.0    | 44.4 78 | 25.3 75 | I   |  | 50 78                                                | 42.1 | 3.9  | 42.0   | 12 75  | 23.8 | 6.6  | 24.0   | MAR    | 21 |
| APR                                                             | 1   | 18   | 37.0 | 3.4  | 36.0    | 42.4 69 | 28.6 75 | I   |  | 53 77                                                | 43.2 | 4.5  | 43.5   | 18 75  | 28.7 | 4.6  | 28.0   | APR    | 1  |
| APR                                                             | 11  | 18   | 39.6 | 3.8  | 39.0    | 45.8 80 | 31.4 70 | I   |  | 56 62                                                | 46.7 | 5.5  | 47.0   | 22 63  | 30.9 | 4.3  | 31.0   | APR    | 11 |
| APR                                                             | 21  | 18   | 42.9 | 5.0  | 42.5    | 52.5 80 | 35.4 75 | I   |  | 57 77                                                | 49.3 | 5.3  | 49.0   | 26 63  | 35.4 | 5.9  | 34.5   | APR    | 21 |
| MAY                                                             | 1   | 17   | 46.6 | 2.8  | 45.0    | 53.4 80 | 41.8 75 | I   |  | 58 80                                                | 52.4 | 2.9  | 53.0   | 30 68  | 37.6 | 4.5  | 37.0   | MAY    | 1  |
| MAY                                                             | 11  | 17   | 48.2 | 4.1  | 47.0    | 55.5 73 | 38.1 74 | I   |  | 61 76                                                | 55.0 | 4.7  | 56.0   | 33 74  | 40.1 | 3.8  | 40.0   | MAY    | 11 |
| MAY                                                             | 21  | 17   | 50.8 | 3.0  | 50.0    | 55.8 69 | 47.0 75 | I   |  | 68 81                                                | 59.5 | 3.4  | 58.0   | 37 73  | 42.4 | 4.0  | 42.0   | MAY    | 21 |
| JUN                                                             | 1   | 17   | 54.4 | 4.1  | 53.0    | 62.9 77 | 47.6 62 | I   |  | 69 77                                                | 60.4 | 4.1  | 61.0   | 40 73  | 47.1 | 4.8  | 47.0   | JUN    | 1  |
| JUN                                                             | 11  | 17   | 56.0 | 3.8  | 56.0    | 66.7 74 | 51.5 81 | M I |  | 72 74                                                | 62.4 | 3.7  | 62.0   | 41 73  | 48.6 | 4.7  | 48.0   | JUN    | 11 |
| JUN                                                             | 21  | 17   | 58.7 | 4.2  | 58.0    | 64.1 73 | 49.6 69 | I   |  | 72 70                                                | 65.5 | 3.7  | 66.0   | 43 75  | 50.5 | 5.7  | 51.0   | JUN    | 21 |
| JUL                                                             | 1   | 17   | 61.5 | 3.5  | 62.0    | 67.7 75 | 56.1 62 | I   |  | 73 73                                                | 66.7 | 3.1  | 66.0   | 51 71  | 54.9 | 3.3  | 54.0   | JUL    | 1  |
| JUL                                                             | 11  | 17   | 63.3 | 2.7  | 63.0    | 67.4 73 | 57.4 62 | I   |  | 78 73                                                | 68.4 | 4.1  | 69.0   | 47 72  | 57.1 | 4.2  | 58.0   | JUL    | 11 |
| JUL                                                             | 21  | 17   | 64.3 | 2.4  | 64.0    | 67.4 80 | 59.3 62 | I   |  | 78 76                                                | 69.5 | 3.6  | 69.0   | 50 72  | 58.1 | 4.4  | 59.0   | JUL    | 21 |
| AUG                                                             | 1   | 17   | 63.0 | 2.9  | 63.0    | 66.4 79 | 55.1 62 | I   |  | 72 72                                                | 67.9 | 2.7  | 68.0   | 49 62  | 57.1 | 3.9  | 58.0   | AUG    | 1  |
| AUG                                                             | 11  | 19   | 61.8 | 3.4  | 62.0    | 66.2 81 | 55.4 68 | I   |  | 71 72                                                | 66.3 | 2.8  | 67.0   | 43 78  | 55.3 | 6.6  | 56.0   | AUG    | 11 |
| AUG                                                             | 21  | 19   | 59.2 | 3.8  | 59.0    | 64.7 67 | 52.1 62 | I   |  | 75 69                                                | 64.5 | 4.7  | 65.0   | 47 77  | 52.5 | 3.8  | 52.0   | AUG    | 21 |
| SEP                                                             | 1   | 19   | 57.3 | 3.1  | 57.0    | 63.0 67 | 50.7 62 | I   |  | 68 78                                                | 63.3 | 3.4  | 64.0   | 41 62  | 48.8 | 4.3  | 49.0   | SEP    | 1  |
| SEP                                                             | 11  | 18   | 52.4 | 3.9  | 52.0    | 60.9 81 | 44.3 78 | I   |  | 65 81                                                | 59.6 | 3.2  | 60.0   | 37 71  | 43.0 | 4.4  | 42.0   | SEP    | 11 |
| SEP                                                             | 21  | 19   | 50.6 | 4.9  | 51.0    | 57.8 67 | 40.9 62 | I   |  | 64 66                                                | 56.5 | 4.1  | 56.0   | 35 68  | 43.7 | 6.4  | 44.0   | SEP    | 21 |
| OCT                                                             | 1   | 19   | 47.2 | 4.1  | 48.0    | 54.7 63 | 41.4 69 | I   |  | 60 79                                                | 53.6 | 3.7  | 53.0   | 32 70  | 39.8 | 5.8  | 40.0   | OCT    | 1  |
| OCT                                                             | 11  | 19   | 42.9 | 4.3  | 43.0    | 48.4 73 | 31.4 69 | I   |  | 54 79                                                | 49.8 | 3.5  | 50.0   | 25 69  | 35.9 | 4.9  | 36.0   | OCT    | 11 |
| OCT                                                             | 21  | 19   | 38.5 | 3.4  | 38.0    | 44.0 77 | 31.2 70 | I   |  | 53 77                                                | 46.0 | 3.8  | 46.0   | 12 71  | 30.4 | 6.0  | 31.0   | OCT    | 21 |
| NOV                                                             | 1   | 19   | 34.6 | 3.7  | 34.0    | 42.3 80 | 26.9 71 | I   |  | 47 80                                                | 40.9 | 3.9  | 40.0   | 15 78  | 26.7 | 6.0  | 26.0   | NOV    | 1  |
| NOV                                                             | 11  | 19   | 30.9 | 4.6  | 31.0    | 37.6 67 | 23.1 78 | I   |  | 45 81                                                | 39.0 | 4.3  | 38.0   | 2 77   | 20.7 | 7.2  | 23.0   | NOV    | 11 |
| NOV                                                             | 21  | 19   | 24.2 | 3.4  | 23.0    | 28.9 74 | 14.9 79 | I   |  | 40 74                                                | 33.6 | 3.9  | 34.0   | 0 79   | 13.2 | 6.6  | 14.0   | NOV    | 21 |
| DEC                                                             | 1   | 18   | 22.5 | 7.0  | 24.5    | 33.3 75 | 5.6 72  | I   |  | 41 75                                                | 32.8 | 5.9  | 33.5   | -12 72 | 11.0 | 10.1 | 15.0   | DEC    | 1  |
| DEC                                                             | 11  | 18   | 19.7 | 6.1  | 20.0    | 28.7 79 | 8.9 67  | I   |  | 38 79                                                | 30.3 | 4.3  | 31.0   | -7 72  | 7.6  | 7.7  | 9.0    | DEC    | 11 |
| DEC                                                             | 21  | 18   | 18.1 | 4.4  | 17.0    | 26.1 72 | 10.0 78 | I   |  | 36 72                                                | 30.6 | 2.7  | 30.0   | -20 78 | 4.1  | 8.6  | 5.5    | DEC    | 21 |
| MONTH                                                           |     |      |      |      |         |         |         |     |  | MONTH                                                |      |      |        |        |      |      |        |        |    |
| JAN                                                             | 20  | 18.0 | 5.0  | 17.0 | 26.3 67 | 6.5 79  | I       |     |  | 43 71                                                | 34.4 | 4.9  | 36.5   | -19 79 | -3.3 | 9.0  | -1.0   | JAN    |    |
| FEB                                                             | 20  | 25.5 | 2.8  | 25.5 | 29.2 70 | 20.5 64 | I       |     |  | 41 80                                                | 37.6 | 3.1  | 38.0   | -6 72  | 8.4  | 7.5  | 9.0    | FEB    |    |
| MAR                                                             | 19  | 31.2 | 3.6  | 30.0 | 37.5 81 | 25.2 64 | I       |     |  | 50 78                                                | 42.9 | 3.1  | 42.0   | 8 76   | 16.8 | 6.6  | 15.0   | MAR    |    |
| APR                                                             | 18  | 39.8 | 3.2  | 39.5 | 45.1 77 | 33.6 75 | I       |     |  | 57 77                                                | 49.9 | 4.7  | 49.5   | 18 75  | 27.3 | 3.6  | 28.0   | APR    |    |
| MAY                                                             | 17  | 48.6 | 2.1  | 48.0 | 52.5 69 | 44.9 74 | I       |     |  | 68 81                                                | 59.9 | 3.2  | 60.0   | 30 68  | 36.2 | 3.5  | 36.0   | MAY    |    |
| JUN                                                             | 17  | 56.3 | 2.1  | 55.0 | 60.8 77 | 52.6 62 | M I     |     |  | 72 74                                                | 66.8 | 3.0  | 67.0   | 40 73  | 44.9 | 3.0  | 45.0   | JUN    |    |
| JUL                                                             | 17  | 63.1 | 2.2  | 63.0 | 66.5 75 | 57.6 62 | I       |     |  | 78 76                                                | 71.2 | 3.5  | 71.0   | 47 72  | 53.1 | 2.7  | 53.0   | JUL    |    |
| AUG                                                             | 17  | 61.4 | 2.8  | 60.0 | 65.4 81 | 55.6 62 | I       |     |  | 75 69                                                | 69.2 | 2.3  | 68.0   | 43 78  | 51.2 | 4.8  | 51.0   | AUG    |    |
| SEP                                                             | 18  | 53.3 | 3.0  | 53.0 | 58.5 79 | 47.2 62 | I       |     |  | 68 78                                                | 63.7 | 3.0  | 64.0   | 35 68  | 40.3 | 3.9  | 40.0   | SEP    |    |
| OCT                                                             | 18  | 42.5 | 2.7  | 42.0 | 46.8 79 | 37.1 69 | I       |     |  | 60 79                                                | 54.1 | 3.0  | 53.5   | 12 71  | 29.0 | 5.5  | 30.0   | OCT    |    |
| NOV                                                             | 19  | 29.9 | 2.2  | 30.0 | 33.2 81 | 24.9 79 | I       |     |  | 47 80                                                | 41.9 | 3.5  | 42.0   | 0 79   | 12.2 | 6.0  | 13.0   | NOV    |    |
| DEC                                                             | 18  | 20.0 | 3.8  | 19.0 | 26.4 79 | 13.6 78 | I       |     |  | 41 75                                                | 34.7 | 3.7  | 35.0   | -20 78 | 0.8  | 8.7  | 3.0    | DEC    |    |

(con.)

Table 23 (Con.)

## MEAN DAILY TEMPERATURE

STATION NUMBER 102575 DIXIE  
10-DAY AND MONTHLY PERIOD MEANS

| PRD.   | NO. | MEAN | STD. | MEDIAN | HIGHEST | LOWEST  |
|--------|-----|------|------|--------|---------|---------|
| BEGINS | YRS |      | DEV. |        | AVG, YN | AVG, YR |
| JAN 1  | 28  | 14.5 | 8.0  | 15.0   | 27.3 53 | -7.8 74 |
| JAN 11 | 28  | 19.9 | 6.0  | 20.0   | 32.6 53 | 6.0 63  |
| JAN 21 | 28  | 17.1 | 6.4  | 17.5   | 28.5 53 | 3.0 57  |
| FEB 1  | 28  | 20.7 | 5.9  | 19.5   | 34.9 63 | 11.4 72 |
| FEB 11 | 28  | 22.7 | 4.5  | 21.5   | 31.3 58 | 13.9 56 |
| FEB 21 | 28  | 22.1 | 6.8  | 23.0   | 31.7 68 | 6.3 62  |
| MAR 1  | 28  | 22.0 | 4.6  | 21.5   | 32.3 68 | 12.9 71 |
| MAR 11 | 28  | 23.8 | 4.5  | 24.0   | 35.1 72 | 14.6 65 |
| MAR 21 | 28  | 27.9 | 5.4  | 29.0   | 38.7 78 | 16.6 75 |
| APR 1  | 28  | 31.2 | 3.9  | 31.0   | 40.3 60 | 20.0 75 |
| APR 11 | 28  | 32.6 | 3.6  | 32.0   | 40.4 62 | 24.9 70 |
| APR 21 | 28  | 35.8 | 3.5  | 35.0   | 44.4 77 | 29.5 70 |
| MAY 1  | 28  | 39.6 | 4.0  | 39.0   | 47.6 66 | 32.3 75 |
| MAY 11 | 28  | 42.4 | 3.8  | 42.0   | 49.9 54 | 31.6 74 |
| MAY 21 | 28  | 44.7 | 4.1  | 43.0   | 55.3 58 | 37.7 75 |
| JUN 1  | 28  | 48.6 | 4.1  | 47.0   | 56.6 77 | 42.6 54 |
| JUN 11 | 28  | 50.3 | 3.9  | 49.5   | 60.8 74 | 45.1 73 |
| JUN 21 | 28  | 51.8 | 3.4  | 51.0   | 58.2 70 | 45.1 69 |
| JUL 1  | 29  | 54.7 | 3.4  | 54.0   | 63.6 75 | 46.1 55 |
| JUL 11 | 29  | 57.3 | 3.1  | 57.0   | 63.1 60 | 50.6 80 |
| JUL 21 | 29  | 58.1 | 2.1  | 58.0   | 63.0 60 | 52.5 63 |
| AUG 1  | 28  | 57.2 | 2.7  | 57.0   | 62.6 71 | 51.1 56 |
| AUG 11 | 28  | 55.9 | 3.2  | 56.0   | 62.4 67 | 49.8 78 |
| AUG 21 | 28  | 52.7 | 3.6  | 52.0   | 58.5 67 | 45.2 60 |
| SEP 1  | 29  | 50.7 | 3.4  | 49.0   | 59.4 67 | 44.6 64 |
| SEP 11 | 29  | 47.3 | 4.1  | 47.0   | 54.1 53 | 36.9 65 |
| SEP 21 | 29  | 45.1 | 4.8  | 45.0   | 53.1 67 | 35.9 72 |
| OCT 1  | 29  | 42.3 | 3.8  | 42.0   | 49.1 63 | 34.5 73 |
| OCT 11 | 29  | 39.4 | 3.9  | 39.0   | 45.2 63 | 26.6 69 |
| OCT 21 | 29  | 34.7 | 4.1  | 35.0   | 42.0 62 | 24.7 71 |
| NOV 1  | 28  | 30.7 | 4.4  | 30.0   | 38.6 76 | 19.7 71 |
| NOV 11 | 28  | 26.6 | 6.3  | 28.5   | 36.6 54 | 11.0 55 |
| NOV 21 | 28  | 22.5 | 4.5  | 23.5   | 31.4 53 | 10.9 79 |
| DEC 1  | 29  | 20.5 | 5.9  | 21.0   | 29.4 65 | -0.4 72 |
| DEC 11 | 29  | 19.3 | 6.2  | 19.0   | 29.2 62 | 6.5 67  |
| DEC 21 | 29  | 18.7 | 5.0  | 18.0   | 33.0 80 | 6.1 78  |

MONTH

|     |    |      |     |      |         |         |
|-----|----|------|-----|------|---------|---------|
| JAN | 28 | 17.2 | 4.4 | 16.5 | 29.4 53 | 5.7 79  |
| FEB | 28 | 21.8 | 3.9 | 21.0 | 30.7 63 | 14.8 55 |
| MAR | 28 | 24.7 | 3.4 | 24.5 | 30.4 68 | 17.6 65 |
| APR | 28 | 33.2 | 2.6 | 33.0 | 36.9 62 | 27.0 75 |
| MAY | 28 | 42.3 | 2.9 | 41.0 | 49.7 58 | 37.0 75 |
| JUN | 28 | 50.2 | 2.3 | 49.0 | 55.7 61 | 46.6 75 |
| JUL | 29 | 56.8 | 1.7 | 56.0 | 61.5 75 | 54.0 63 |
| AUG | 28 | 55.2 | 2.5 | 54.5 | 60.4 61 | 51.1 80 |
| SEP | 29 | 47.7 | 3.1 | 47.0 | 53.1 67 | 41.3 65 |
| OCT | 29 | 38.7 | 2.4 | 38.0 | 42.9 52 | 33.0 69 |
| NOV | 28 | 26.6 | 3.4 | 25.5 | 33.5 54 | 21.7 55 |
| DEC | 29 | 19.5 | 3.6 | 20.0 | 25.7 58 | 9.7 78  |

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

10-DAY AND MONTHLY EXTREME DAILY VALUES  
1952-1980

| HIGH, YR | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW, YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |
|----------|-----------|-----------|-------------|---------|----------|-----------|------------|-------------|
| 38 53    | 27.0      | 8.4       | 28.5        | -20 79  | 0.3      | 9.2       | 0.0        | JAN 1       |
| 39 53    | 30.9      | 4.7       | 32.0        | -18 63  | 4.8      | 8.4       | 4.5        | JAN 11      |
| 37 71    | 29.5      | 4.8       | 30.0        | -14 80  | 2.4      | 9.3       | 5.0        | JAN 21      |
| 42 63    | 30.3      | 4.6       | 30.0        | -10 56  | 9.0      | 9.8       | 10.5       | FEB 1       |
| 39 61    | 32.1      | 4.2       | 32.0        | -13 56  | 11.6     | 8.0       | 12.5       | FEB 11      |
| 40 54    | 31.1      | 5.1       | 31.5        | -13 62  | 13.1     | 9.2       | 14.5       | FEB 21      |
| 40 68    | 31.9      | 4.1       | 31.5        | -9 55   | 10.6     | 7.7       | 10.5       | MAR 1       |
| 40 72    | 33.0      | 3.7       | 33.0        | -2 65   | 12.1     | 6.5       | 12.0       | MAR 11      |
| 45 78    | 36.6      | 3.8       | 36.0        | -2 75   | 17.0     | 8.5       | 17.0       | MAR 21      |
| 47 77    | 38.9      | 4.2       | 39.0        | 8 75    | 22.7     | 5.4       | 24.0       | APR 1       |
| 48 62    | 40.6      | 3.5       | 41.0        | 15 72   | 23.7     | 4.8       | 23.5       | APR 11      |
| 53 77    | 42.4      | 4.5       | 43.0        | 21 72   | 27.9     | 3.9       | 28.0       | APR 21      |
| 54 80    | 46.3      | 4.6       | 46.0        | 19 67   | 30.8     | 5.7       | 31.5       | MAY 1       |
| 58 58    | 50.1      | 4.8       | 50.0        | 22 74   | 33.6     | 4.2       | 35.0       | MAY 11      |
| 60 80    | 52.9      | 4.3       | 53.0        | 25 66   | 35.4     | 5.3       | 35.0       | MAY 21      |
| 67 77    | 55.9      | 4.3       | 55.0        | 32 55   | 40.4     | 4.7       | 41.0       | JUN 1       |
| 66 74    | 57.7      | 4.2       | 57.0        | 35 76   | 42.2     | 4.5       | 42.0       | JUN 11      |
| 67 70    | 59.9      | 3.5       | 61.0        | 35 76   | 41.8     | 4.8       | 41.5       | JUN 21      |
| 69 56    | 61.4      | 4.0       | 61.0        | 39 71   | 46.3     | 4.6       | 45.0       | JUL 1       |
| 70 75    | 63.7      | 4.1       | 63.0        | 42 72   | 50.0     | 4.4       | 50.0       | JUL 11      |
| 70 66    | 64.8      | 3.1       | 66.0        | 43 72   | 51.2     | 3.9       | 51.0       | JUL 21      |
| 71 61    | 63.8      | 3.5       | 63.5        | 41 75   | 50.3     | 4.0       | 50.0       | AUG 1       |
| 66 60    | 61.8      | 2.7       | 62.0        | 39 80   | 49.3     | 5.7       | 51.0       | AUG 11      |
| 69 69    | 59.8      | 4.3       | 58.0        | 36 60   | 44.4     | 4.9       | 44.5       | AUG 21      |
| 64 67    | 57.4      | 3.7       | 57.0        | 34 76   | 41.6     | 4.2       | 41.0       | SEP 1       |
| 60 66    | 54.3      | 4.0       | 55.0        | 24 65   | 38.2     | 5.5       | 39.0       | SEP 11      |
| 60 66    | 51.2      | 4.3       | 51.0        | 28 54   | 37.3     | 5.7       | 37.0       | SEP 21      |
| 55 63    | 48.9      | 3.2       | 48.0        | 25 77   | 34.5     | 5.6       | 34.0       | OCT 1       |
| 51 55    | 45.8      | 3.4       | 46.0        | 18 69   | 31.1     | 4.7       | 31.0       | OCT 11      |
| 49 59    | 41.9      | 3.4       | 42.0        | 3 71    | 25.6     | 7.1       | 27.0       | OCT 21      |
| 43 78    | 37.8      | 3.3       | 37.5        | 5 78    | 21.2     | 7.9       | 22.5       | NOV 1       |
| 46 53    | 36.1      | 4.6       | 37.0        | -16 55  | 14.8     | 10.6      | 15.5       | NOV 11      |
| 40 54    | 32.1      | 5.2       | 33.5        | -4 75   | 10.3     | 7.8       | 11.5       | NOV 21      |
| 38 65    | 31.1      | 3.8       | 31.0        | -17 72  | 7.3      | 9.3       | 8.0        | DEC 1       |
| 37 62    | 29.9      | 4.8       | 30.0        | -22 64  | 6.1      | 10.7      | 8.0        | DEC 11      |
| 39 55    | 29.9      | 4.2       | 29.0        | -21 78  | 5.9      | 8.4       | 7.0        | DEC 21      |

MONTH

|     |    |      |     |      |         |         |
|-----|----|------|-----|------|---------|---------|
| JAN | 28 | 17.2 | 4.4 | 16.5 | 29.4 53 | 5.7 79  |
| FEB | 28 | 21.8 | 3.9 | 21.0 | 30.7 63 | 14.8 55 |
| MAR | 28 | 24.7 | 3.4 | 24.5 | 30.4 68 | 17.6 65 |
| APR | 28 | 33.2 | 2.6 | 33.0 | 36.9 62 | 27.0 75 |
| MAY | 28 | 42.3 | 2.9 | 41.0 | 49.7 58 | 37.0 75 |
| JUN | 28 | 50.2 | 2.3 | 49.0 | 55.7 61 | 46.6 75 |
| JUL | 29 | 56.8 | 1.7 | 56.0 | 61.5 75 | 54.0 63 |
| AUG | 28 | 55.2 | 2.5 | 54.5 | 60.4 61 | 51.1 80 |
| SEP | 29 | 47.7 | 3.1 | 47.0 | 53.1 67 | 41.3 65 |
| OCT | 29 | 38.7 | 2.4 | 38.0 | 42.9 52 | 33.0 69 |
| NOV | 28 | 26.6 | 3.4 | 25.5 | 33.5 54 | 21.7 55 |
| DEC | 29 | 19.5 | 3.6 | 20.0 | 25.7 58 | 9.7 78  |

(con.)

Table 23 (Con.)

## MEAN DAILY TEMPERATURE

STATION NUMBER 105708 MC CALL  
10-DAY AND MONTHLY PERIOD MEANS

| PRD.   | NO. | MEAN | STD. | MEDIAN | HIGHEST | LOWEST  |
|--------|-----|------|------|--------|---------|---------|
| BEGINS | YRS |      | DEV. |        | AVG. YR | AVG. YR |
| JAN 1  | 30  | 18.9 | 6.5  | 19.0   | 28.2 53 | 3.4 74  |
| JAN 11 | 30  | 23.5 | 6.1  | 24.5   | 31.9 78 | 10.2 62 |
| JAN 21 | 30  | 20.6 | 5.9  | 20.0   | 29.0 53 | 6.3 57  |
| FEB 1  | 30  | 24.1 | 5.6  | 23.5   | 38.4 63 | 11.6 56 |
| FEB 11 | 30  | 25.3 | 5.3  | 24.0   | 33.5 63 | 15.1 52 |
| FEB 21 | 30  | 25.1 | 6.7  | 26.5   | 35.9 68 | 10.3 62 |
| MAR 1  | 30  | 25.7 | 5.1  | 25.0   | 34.4 75 | 15.3 51 |
| MAR 11 | 30  | 27.4 | 4.7  | 27.0   | 39.9 72 | 17.1 55 |
| MAR 21 | 30  | 31.5 | 4.5  | 31.0   | 43.8 78 | 23.1 75 |
| APR 1  | 30  | 35.1 | 3.8  | 35.0   | 41.4 60 | 24.8 75 |
| APR 11 | 30  | 36.8 | 3.7  | 36.0   | 45.6 62 | 27.8 55 |
| APR 21 | 30  | 40.0 | 4.7  | 39.0   | 52.4 77 | 32.2 55 |
| MAY 1  | 30  | 44.2 | 4.0  | 44.0   | 54.6 66 | 37.1 59 |
| MAY 11 | 30  | 46.9 | 3.9  | 46.0   | 56.5 73 | 36.6 74 |
| MAY 21 | 30  | 49.5 | 4.6  | 49.0   | 61.1 58 | 42.1 54 |
| JUN 1  | 30  | 53.3 | 4.8  | 52.0   | 62.4 77 | 43.4 54 |
| JUN 11 | 30  | 55.2 | 4.6  | 54.5   | 65.6 74 | 46.6 54 |
| JUN 21 | 30  | 56.7 | 4.2  | 56.0   | 65.1 61 | 48.5 69 |
| JUL 1  | 30  | 60.2 | 3.5  | 60.0   | 67.2 75 | 49.8 55 |
| JUL 11 | 30  | 63.4 | 2.9  | 63.0   | 68.8 60 | 57.4 80 |
| JUL 21 | 30  | 64.5 | 2.3  | 64.0   | 69.7 60 | 59.8 63 |
| AUG 1  | 30  | 63.0 | 3.1  | 63.0   | 69.8 61 | 56.6 56 |
| AUG 11 | 30  | 61.7 | 3.7  | 62.0   | 67.7 61 | 54.6 78 |
| AUG 21 | 30  | 57.6 | 3.6  | 57.0   | 66.4 61 | 50.9 60 |
| SEP 1  | 30  | 56.0 | 2.9  | 55.0   | 62.6 55 | 49.6 64 |
| SEP 11 | 30  | 52.4 | 3.6  | 52.5   | 58.1 53 | 42.9 78 |
| SEP 21 | 30  | 50.0 | 5.1  | 49.0   | 60.0 67 | 40.2 61 |
| OCT 1  | 30  | 46.9 | 4.0  | 46.5   | 55.6 63 | 39.9 77 |
| OCT 11 | 30  | 44.0 | 3.4  | 44.0   | 50.4 58 | 35.6 69 |
| OCT 21 | 30  | 39.0 | 4.1  | 39.0   | 47.3 62 | 31.0 56 |
| NOV 1  | 30  | 36.1 | 3.8  | 35.5   | 42.9 80 | 28.3 71 |
| NOV 11 | 30  | 31.0 | 5.4  | 30.5   | 40.4 67 | 15.4 55 |
| NOV 21 | 30  | 27.8 | 3.8  | 27.5   | 34.6 53 | 16.4 52 |
| DEC 1  | 30  | 25.3 | 5.0  | 26.0   | 33.9 75 | 10.3 72 |
| DEC 11 | 30  | 24.0 | 5.2  | 24.0   | 33.9 69 | 13.5 67 |
| DEC 21 | 30  | 22.4 | 4.6  | 22.0   | 34.6 80 | 11.4 78 |

## MONTH

|     |    |      |     |      |         |         |
|-----|----|------|-----|------|---------|---------|
| JAN | 30 | 21.0 | 4.2 | 21.0 | 29.6 53 | 11.0 79 |
| FEB | 30 | 24.8 | 4.3 | 24.0 | 35.3 63 | 16.8 56 |
| MAR | 30 | 28.3 | 3.8 | 28.0 | 36.3 78 | 19.7 55 |
| APR | 30 | 37.3 | 3.1 | 37.0 | 43.9 77 | 29.9 55 |
| MAY | 30 | 46.9 | 2.9 | 46.0 | 53.4 58 | 40.5 55 |
| JUN | 30 | 55.0 | 2.8 | 54.5 | 62.1 61 | 49.7 54 |
| JUL | 30 | 62.8 | 1.7 | 62.0 | 67.6 60 | 59.9 63 |
| AUG | 30 | 60.7 | 2.7 | 59.5 | 67.9 61 | 56.2 75 |
| SEP | 30 | 52.8 | 2.9 | 52.0 | 58.7 63 | 48.2 71 |
| OCT | 30 | 43.1 | 2.2 | 42.0 | 47.7 65 | 39.6 69 |
| NOV | 30 | 31.7 | 3.0 | 31.0 | 36.4 54 | 25.1 55 |
| DEC | 30 | 23.9 | 3.3 | 23.0 | 29.9 58 | 15.4 78 |

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

10-DAY AND MONTHLY EXTREME DAILY VALUES  
1951-1980

| HIGH, YR | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW, YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |
|----------|-----------|-----------|-------------|---------|----------|-----------|------------|-------------|
| 40 53    | 29.5      | 6.3       | 30.5        | -12 79  | 6.3      | 7.6       | 5.0        | JAN 1       |
| 41 73    | 32.3      | 5.5       | 33.0        | -4 63   | 10.8     | 7.8       | 11.0       | JAN 11      |
| 39 76    | 31.9      | 5.0       | 32.0        | -10 62  | 7.1      | 8.7       | 8.0        | JAN 21      |
| 42 63    | 32.0      | 4.4       | 32.0        | -9 56   | 13.6     | 9.2       | 13.5       | FEB 1       |
| 41 72    | 34.3      | 3.8       | 35.0        | -10 56  | 15.2     | 8.9       | 17.0       | FEB 11      |
| 42 73    | 32.7      | 5.9       | 34.0        | -4 62   | 16.4     | 8.5       | 17.0       | FEB 21      |
| 46 72    | 34.4      | 5.3       | 35.0        | -1 55   | 15.8     | 7.3       | 15.5       | MAR 1       |
| 44 72    | 35.9      | 3.9       | 36.0        | 3 56    | 17.4     | 6.6       | 17.0       | MAR 11      |
| 48 78    | 39.1      | 3.9       | 39.5        | 7 75    | 22.2     | 6.7       | 22.5       | MAR 21      |
| 49 77    | 41.3      | 3.9       | 41.0        | 15 75   | 27.5     | 4.9       | 28.0       | APR 1       |
| 51 62    | 43.0      | 4.0       | 43.0        | 22 72   | 29.8     | 4.6       | 29.0       | APR 11      |
| 57 77    | 46.0      | 5.0       | 45.5        | 22 55   | 32.5     | 5.3       | 32.0       | APR 21      |
| 61 66    | 51.3      | 4.4       | 52.0        | 28 51   | 36.0     | 5.2       | 36.0       | MAY 1       |
| 63 58    | 54.8      | 4.7       | 54.5        | 28 74   | 37.8     | 4.1       | 38.0       | MAY 11      |
| 68 77    | 57.6      | 5.2       | 56.5        | 32 54   | 40.4     | 5.1       | 41.0       | MAY 21      |
| 74 77    | 60.1      | 4.4       | 59.0        | 34 54   | 45.5     | 5.3       | 44.5       | JUN 1       |
| 70 74    | 62.4      | 4.4       | 62.0        | 37 54   | 47.3     | 5.6       | 46.5       | JUN 11      |
| 71 73    | 64.2      | 4.6       | 65.0        | 40 69   | 48.2     | 4.6       | 47.0       | JUN 21      |
| 74 68    | 66.6      | 3.8       | 67.0        | 40 55   | 52.4     | 4.2       | 52.0       | JUL 1       |
| 76 73    | 69.5      | 3.7       | 69.0        | 48 74   | 56.6     | 3.9       | 56.5       | JUL 11      |
| 77 59    | 70.5      | 2.7       | 71.0        | 50 72   | 57.6     | 4.2       | 57.5       | JUL 21      |
| 76 70    | 68.9      | 3.9       | 69.0        | 49 56   | 56.9     | 4.4       | 57.0       | AUG 1       |
| 78 61    | 67.8      | 3.3       | 67.0        | 41 68   | 55.0     | 6.0       | 56.5       | AUG 11      |
| 73 69    | 65.1      | 3.6       | 65.0        | 41 60   | 49.5     | 5.1       | 49.0       | AUG 21      |
| 71 63    | 62.5      | 3.6       | 62.0        | 41 76   | 48.1     | 4.0       | 47.0       | SEP 1       |
| 66 59    | 59.8      | 4.0       | 60.0        | 34 65   | 43.7     | 4.7       | 43.5       | SEP 11      |
| 65 66    | 56.3      | 4.5       | 55.0        | 34 54   | 42.4     | 5.8       | 41.0       | SEP 21      |
| 61 79    | 54.0      | 3.6       | 53.0        | 32 73   | 39.0     | 5.2       | 38.5       | OCT 1       |
| 59 79    | 50.7      | 4.1       | 51.0        | 29 69   | 36.9     | 3.7       | 37.0       | OCT 11      |
| 53 59    | 46.3      | 3.6       | 47.0        | 18 71   | 31.2     | 6.1       | 32.0       | OCT 21      |
| 49 78    | 42.0      | 3.8       | 41.0        | 18 55   | 27.9     | 5.7       | 29.0       | NOV 1       |
| 47 54    | 38.8      | 4.1       | 39.0        | -5 55   | 21.9     | 8.2       | 21.5       | NOV 11      |
| 46 66    | 36.0      | 4.8       | 36.5        | 7 79    | 18.3     | 5.5       | 19.0       | NOV 21      |
| 40 75    | 33.8      | 3.4       | 34.0        | -9 72   | 15.2     | 8.5       | 19.0       | DEC 1       |
| 38 69    | 32.5      | 4.3       | 33.5        | -9 64   | 13.5     | 8.1       | 14.0       | DEC 11      |
| 43 64    | 32.4      | 4.0       | 32.0        | -10 78  | 10.7     | 7.1       | 12.0       | DEC 21      |

(con.)

Table 23 (Con.)

| MEAN DAILY TEMPERATURE                                                     |            |      |              |        |                    |                   |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES         |              |              |                |        |             |              |               |                |  |
|----------------------------------------------------------------------------|------------|------|--------------|--------|--------------------|-------------------|---|--|--|------------------------------------------------------|--------------|--------------|----------------|--------|-------------|--------------|---------------|----------------|--|
| STATION NUMBER 105897 MIDDLE FORK LODGE<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                    |                   |   |  |  | 1971-1981<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |              |              |                |        |             |              |               |                |  |
| PRD.<br>BEGINS                                                             | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG. YR | LOWEST<br>AVG. YR |   |  |  | HIGH.YR                                              | AVG.<br>HIGH | STD.<br>DEV. | MEDIAN<br>HIGH | LOW.YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRD.<br>BEGINS |  |
| JAN 1                                                                      | 10         | 17.0 | 9.5          | 20.0   | 30.3 81            | 1.4 79            | I |  |  | 44 78                                                | 26.8         | 9.8          | 28.0           | -11 79 | 5.0         | 9.9          | 3.0           | JAN 1          |  |
| JAN 11                                                                     | 10         | 26.6 | 3.2          | 26.5   | 31.8 78            | 19.3 79           | I |  |  | 38 74                                                | 35.5         | 2.6          | 36.0           | 6 74   | 13.3        | 6.4          | 11.0          | JAN 11         |  |
| JAN 21                                                                     | 10         | 22.8 | 6.2          | 22.0   | 30.9 74            | 10.9 79           | I |  |  | 37 81                                                | 32.9         | 5.1          | 35.0           | -2 79  | 11.8        | 9.5          | 16.0          | JAN 21         |  |
| FEB 1                                                                      | 9          | 24.4 | 4.8          | 25.0   | 33.1 78            | 17.6 76           | I |  |  | 39 78                                                | 34.1         | 4.0          | 34.0           | -3 79  | 11.7        | 10.4         | 17.0          | FEB 1          |  |
| FEB 11                                                                     | 9          | 31.0 | 3.4          | 30.0   | 37.3 77            | 26.7 78           | I |  |  | 43 77                                                | 37.8         | 3.6          | 38.0           | 13 81  | 22.0        | 6.1          | 21.0          | FEB 11         |  |
| FEB 21                                                                     | 9          | 30.9 | 4.4          | 31.0   | 36.9 81            | 23.3 75           | I |  |  | 42 72                                                | 37.7         | 3.2          | 37.0           | 14 75  | 24.3        | 6.6          | 26.0          | FEB 21         |  |
| MAR 1                                                                      | 10         | 34.1 | 4.1          | 34.5   | 39.4 81            | 24.4 76           | I |  |  | 47 72                                                | 40.3         | 3.8          | 40.5           | 13 76  | 27.2        | 6.6          | 27.5          | MAR 1          |  |
| MAR 11                                                                     | 10         | 36.4 | 4.3          | 35.0   | 43.3 72            | 30.3 77           | I |  |  | 48 72                                                | 42.5         | 4.1          | 43.5           | 24 76  | 29.9        | 4.9          | 28.5          | MAR 11         |  |
| MAR 21                                                                     | 10         | 36.6 | 5.5          | 35.5   | 47.9 78            | 27.1 75           | I |  |  | 52 78                                                | 43.6         | 4.4          | 44.0           | 13 75  | 29.1        | 7.9          | 29.0          | MAR 21         |  |
| APR 1                                                                      | 10         | 39.4 | 3.8          | 39.0   | 43.9 77            | 31.3 75           | I |  |  | 55 77                                                | 46.2         | 5.4          | 45.0           | 24 75  | 32.7        | 3.9          | 33.0          | APR 1          |  |
| APR 11                                                                     | 11         | 42.2 | 3.5          | 42.0   | 48.1 80            | 34.4 72           | I |  |  | 57 81                                                | 49.3         | 4.4          | 49.0           | 28 72  | 33.9        | 2.9          | 34.0          | APR 11         |  |
| APR 21                                                                     | 11         | 46.8 | 5.1          | 46.0   | 55.3 80            | 39.4 75           | I |  |  | 58 81                                                | 51.9         | 5.0          | 52.0           | 33 72  | 39.6        | 4.9          | 38.0          | APR 21         |  |
| MAY 1                                                                      | 10         | 47.6 | 2.8          | 47.0   | 51.6 71            | 42.9 75           | I |  |  | 61 81                                                | 53.7         | 3.8          | 54.0           | 34 72  | 40.3        | 4.6          | 39.5          | MAY 1          |  |
| MAY 11                                                                     | 10         | 49.9 | 4.4          | 49.5   | 56.3 73            | 40.6 74           | I |  |  | 63 73                                                | 57.7         | 4.8          | 59.0           | 34 74  | 41.0        | 3.4          | 41.0          | MAY 11         |  |
| MAY 21                                                                     | 10         | 52.3 | 3.0          | 51.5   | 57.3 81            | 48.2 77           | I |  |  | 63 81                                                | 59.5         | 3.7          | 61.0           | 39 78  | 43.8        | 3.8          | 43.5          | MAY 21         |  |
| JUN 1                                                                      | 11         | 56.4 | 4.8          | 55.0   | 67.0 77            | 50.5 75           | I |  |  | 74 77                                                | 63.6         | 4.3          | 64.0           | 44 71  | 48.6        | 4.9          | 46.0          | JUN 1          |  |
| JUN 11                                                                     | 11         | 57.1 | 4.5          | 55.0   | 67.9 74            | 52.1 81           | I |  |  | 71 74                                                | 63.9         | 4.3          | 65.0           | 41 76  | 49.1        | 6.5          | 49.0          | JUN 11         |  |
| JUN 21                                                                     | 11         | 61.0 | 3.7          | 60.0   | 65.6 73            | 54.8 75           | I |  |  | 71 79                                                | 67.8         | 2.5          | 68.0           | 43 75  | 53.5        | 5.8          | 54.0          | JUN 21         |  |
| JUL 1                                                                      | 9          | 63.3 | 2.9          | 63.0   | 67.4 75            | 58.4 71           | I |  |  | 76 81                                                | 69.8         | 3.5          | 70.0           | 46 81  | 54.3        | 4.4          | 56.0          | JUL 1          |  |
| JUL 11                                                                     | 9          | 66.4 | 2.8          | 66.0   | 71.1 73            | 62.8 80           | I |  |  | 76 77                                                | 72.3         | 3.8          | 74.0           | 49 74  | 58.4        | 5.4          | 58.0          | JUL 11         |  |
| JUL 21                                                                     | 9          | 67.9 | 2.2          | 67.0   | 72.1 80 M          | 64.1 81 M         | I |  |  | 77 80                                                | 72.4         | 3.2          | 74.0           | 58 73  | 61.9        | 3.6          | 61.0          | JUL 21         |  |
| AUG 1                                                                      | 10         | 66.6 | 3.0          | 67.0   | 70.3 71            | 61.3 76 M         | I |  |  | 76 72                                                | 72.1         | 2.2          | 72.0           | 53 76  | 60.6        | 5.3          | 62.0          | AUG 1          |  |
| AUG 11                                                                     | 10         | 64.0 | 4.8          | 65.0   | 69.7 81 M          | 57.6 78           | I |  |  | 73 77                                                | 69.1         | 3.8          | 71.0           | 49 78  | 57.7        | 6.8          | 57.5          | AUG 11         |  |
| AUG 21                                                                     | 10         | 61.3 | 3.7          | 60.5   | 68.3 81 M          | 54.9 75           | I |  |  | 73 77                                                | 67.2         | 4.8          | 68.0           | 48 77  | 52.5        | 4.9          | 50.5          | AUG 21         |  |
| SEP 1                                                                      | 10         | 59.9 | 2.1          | 59.5   | 62.6 81            | 57.2 72           | I |  |  | 69 78                                                | 65.2         | 3.2          | 67.0           | 48 76  | 52.2        | 3.6          | 51.5          | SEP 1          |  |
| SEP 11                                                                     | 10         | 55.7 | 4.6          | 55.5   | 64.2 81 M          | 47.3 78           | I |  |  | 68 81                                                | 61.4         | 4.3          | 61.5           | 39 78  | 46.9        | 5.3          | 47.5          | SEP 11         |  |
| SEP 21                                                                     | 10         | 51.7 | 5.3          | 53.0   | 58.4 79            | 44.2 72           | I |  |  | 64 79                                                | 57.6         | 3.8          | 57.5           | 35 72  | 44.6        | 6.6          | 45.0          | SEP 21         |  |
| OCT 1                                                                      | 10         | 50.0 | 4.3          | 50.0   | 57.4 79            | 44.4 81 M         | I |  |  | 62 79                                                | 55.6         | 3.8          | 56.0           | 37 81  | 42.5        | 5.4          | 42.0          | OCT 1          |  |
| OCT 11                                                                     | 10         | 46.9 | 2.4          | 46.5   | 50.3 73            | 43.6 71           | I |  |  | 58 79                                                | 53.0         | 3.2          | 53.5           | 35 71  | 39.7        | 3.3          | 39.5          | OCT 11         |  |
| OCT 21                                                                     | 11         | 40.0 | 3.5          | 40.0   | 46.2 77            | 33.1 71           | I |  |  | 54 77                                                | 46.5         | 4.0          | 47.0           | 16 71  | 32.2        | 5.9          | 33.0          | OCT 21         |  |
| NOV 1                                                                      | 9          | 37.2 | 4.7          | 36.0   | 44.4 80            | 31.1 71           | I |  |  | 50 76                                                | 42.9         | 4.7          | 42.0           | 21 73  | 30.9        | 7.2          | 32.0          | NOV 1          |  |
| NOV 11                                                                     | 9          | 32.7 | 3.7          | 34.0   | 36.6 81            | 26.4 75 M         | I |  |  | 44 76                                                | 38.9         | 3.0          | 38.0           | 14 78  | 24.7        | 5.7          | 25.0          | NOV 11         |  |
| NOV 21                                                                     | 10         | 27.6 | 3.4          | 27.0   | 31.7 74            | 20.4 79           | I |  |  | 43 74                                                | 36.7         | 3.7          | 36.5           | 9 79   | 18.7        | 6.0          | 21.5          | NOV 21         |  |
| DEC 1                                                                      | 10         | 26.4 | 7.3          | 26.5   | 35.8 73            | 12.5 72           | I |  |  | 41 75                                                | 36.7         | 3.7          | 37.5           | -5 72  | 14.6        | 10.6         | 18.0          | DEC 1          |  |
| DEC 11                                                                     | 9          | 24.2 | 5.5          | 25.0   | 30.8 73            | 14.0 72           | I |  |  | 36 79                                                | 32.9         | 3.5          | 34.0           | -8 72  | 14.4        | 10.1         | 17.0          | DEC 11         |  |
| DEC 21                                                                     | 10         | 25.0 | 6.1          | 23.0   | 37.6 80 M          | 16.9 78           | I |  |  | 41 80                                                | 34.9         | 4.0          | 34.0           | -9 78  | 14.3        | 10.8         | 14.0          | DEC 21         |  |
| MONTH                                                                      |            |      |              |        |                    |                   |   |  |  | MONTH                                                |              |              |                |        |             |              |               |                |  |
| JAN                                                                        | 10         | 22.2 | 5.0          | 22.0   | 29.0 81            | 10.6 79           | I |  |  | 44 78                                                | 36.8         | 3.4          | 37.0           | -11 79 | 2.5         | 8.8          | 0.0           | JAN            |  |
| FEB                                                                        | 9          | 28.6 | 2.5          | 28.0   | 31.6 77            | 25.1 75           | I |  |  | 43 77                                                | 39.6         | 2.2          | 40.0           | -3 79  | 10.4        | 9.3          | 13.0          | FEB            |  |
| MAR                                                                        | 10         | 35.7 | 3.4          | 35.0   | 40.4 78            | 29.8 76 M         | I |  |  | 52 78                                                | 44.8         | 3.4          | 45.0           | 13 76  | 23.4        | 6.5          | 24.5          | MAR            |  |
| APR                                                                        | 10         | 43.0 | 3.3          | 42.0   | 47.6 77            | 37.3 75           | I |  |  | 58 81                                                | 52.7         | 4.7          | 53.0           | 24 75  | 31.0        | 3.1          | 31.5          | APR            |  |
| MAY                                                                        | 10         | 50.0 | 1.9          | 49.5   | 52.6 76            | 47.4 74           | I |  |  | 63 81                                                | 61.2         | 2.0          | 62.0           | 34 74  | 38.0        | 3.1          | 37.5          | MAY            |  |
| JUN                                                                        | 11         | 58.2 | 3.0          | 57.0   | 64.6 77            | 53.6 75 M         | I |  |  | 74 77                                                | 68.5         | 3.2          | 69.0           | 41 76  | 45.8        | 4.8          | 45.0          | JUN            |  |
| JUL                                                                        | 9          | 65.9 | 1.2          | 65.0   | 68.0 73            | 64.6 71           | I |  |  | 77 80                                                | 74.8         | 1.8          | 75.0           | 46 81  | 53.2        | 4.1          | 56.0          | JUL            |  |
| AUG                                                                        | 10         | 63.9 | 3.1          | 63.0   | 68.5 81 M          | 59.3 75           | I |  |  | 76 72                                                | 72.3         | 2.1          | 72.5           | 48 77  | 52.3        | 4.9          | 50.0          | AUG            |  |
| SEP                                                                        | 10         | 55.8 | 2.8          | 56.0   | 60.1 77            | 51.1 71           | I |  |  | 69 78                                                | 65.7         | 2.6          | 67.0           | 35 72  | 43.2        | 5.9          | 43.0          | SEP            |  |
| OCT                                                                        | 10         | 45.4 | 2.1          | 45.0   | 49.1 79            | 41.7 71           | I |  |  | 62 79                                                | 56.1         | 3.1          | 56.0           | 16 71  | 31.8        | 6.0          | 33.0          | OCT            |  |
| NOV                                                                        | 8          | 32.7 | 2.3          | 31.5   | 35.5 76            | 28.7 79           | I |  |  | 50 76                                                | 43.9         | 4.3          | 42.5           | 9 79   | 17.0        | 5.3          | 17.5          | NOV            |  |
| DEC                                                                        | 9          | 24.7 | 4.3          | 25.0   | 29.6 73            | 18.1 78           | I |  |  | 41 80                                                | 37.3         | 3.6          | 39.0           | -9 78  | 14.2        | 10.2         | 13.0          | DEC            |  |

(con.)

Table 23 (Con.)

## MEAN DAILY TEMPERATURE

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 107706 RIGGINS<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                   |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  | 1951-1980<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------|------------|------|--------------|--------|-------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------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| PRD.<br>BEGINS                                                   | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG,YR | LOWEST<br>AVG,YR | 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(con.)

Table 23 (Con.)

| MEAN DAILY TEMPERATURE                                                       |            |      |              |        |                   |                  |   |         |              | MEAN, STANDARD DEVIATION, AND EXTREME VALUES         |                |        |             |              |               |                |  |  |  |
|------------------------------------------------------------------------------|------------|------|--------------|--------|-------------------|------------------|---|---------|--------------|------------------------------------------------------|----------------|--------|-------------|--------------|---------------|----------------|--|--|--|
| STATION NUMBER 108076 SALMON - SALMON 1 N<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                   |                  |   |         |              | 1951-1980<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |                |        |             |              |               |                |  |  |  |
| PRD.<br>BEGINS                                                               | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG,YR | LOWEST<br>AVG,YR | I | HIGH,YR | AVG.<br>HIGH | STD.<br>DEV.                                         | MEDIAN<br>HIGH | LOW,YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRD.<br>BEGINS |  |  |  |
| JAN 1                                                                        | 30         | 16.8 | 9.9          | 16.5   | 33.9 66           | -7.3 74          | I | 47 53   | 29.8         | 9.5                                                  | 30.5           | -22 79 | 3.1         | 11.3         | 3.0           | JAN 1          |  |  |  |
| JAN 11                                                                       | 30         | 22.7 | 8.5          | 25.0   | 39.4 53           | 2.3 60           | I | 50 53   | 33.5         | 7.4                                                  | 34.0           | -11 63 | 9.2         | 10.8         | 10.0          | JAN 11         |  |  |  |
| JAN 21                                                                       | 30         | 19.8 | 9.3          | 20.0   | 36.8 53           | 0.1 79           | I | 47 53   | 32.4         | 7.8                                                  | 31.0           | -19 62 | 5.9         | 12.7         | 9.0           | JAN 21         |  |  |  |
| FEB 1                                                                        | 30         | 24.5 | 7.4          | 24.0   | 36.8 63           | 2.6 56           | I | 48 61   | 34.8         | 6.6                                                  | 37.0           | -19 56 | 13.5        | 11.8         | 15.5          | FEB 1          |  |  |  |
| FEB 11                                                                       | 30         | 28.9 | 5.8          | 28.5   | 37.4 70           | 17.1 56          | I | 48 70   | 38.3         | 5.1                                                  | 39.0           | -5 56  | 18.3        | 8.3          | 19.0          | FEB 11         |  |  |  |
| FEB 21                                                                       | 30         | 30.1 | 7.8          | 32.5   | 39.4 54           | 9.3 60           | I | 47 72   | 38.4         | 5.7                                                  | 39.5           | -6 60  | 22.5        | 10.6         | 25.0          | FEB 21         |  |  |  |
| MAR 1                                                                        | 30         | 31.6 | 5.6          | 32.5   | 41.0 68           | 17.4 52          | I | 49 80   | 40.3         | 5.7                                                  | 41.5           | -2 60  | 21.9        | 9.0          | 21.0          | MAR 1          |  |  |  |
| MAR 11                                                                       | 30         | 34.8 | 4.5          | 34.5   | 46.1 72           | 26.0 52          | I | 52 72   | 42.5         | 4.6                                                  | 42.0           | 10 60  | 25.4        | 7.1          | 28.0          | MAR 11         |  |  |  |
| MAR 21                                                                       | 30         | 39.4 | 4.0          | 40.0   | 50.0 78           | 31.8 75          | I | 56 78   | 47.2         | 4.1                                                  | 47.5           | 17 65  | 30.8        | 6.6          | 32.5          | MAR 21         |  |  |  |
| APR 1                                                                        | 30         | 43.0 | 3.2          | 42.0   | 50.2 69           | 36.1 75          | I | 60 77   | 50.5         | 4.2                                                  | 50.5           | 26 75  | 35.3        | 4.0          | 35.0          | APR 1          |  |  |  |
| APR 11                                                                       | 30         | 44.9 | 3.6          | 44.0   | 52.2 62           | 36.6 70          | I | 62 62   | 52.4         | 3.9                                                  | 53.0           | 25 66  | 36.9        | 4.9          | 37.0          | APR 11         |  |  |  |
| APR 21                                                                       | 30         | 47.6 | 4.3          | 46.0   | 58.3 77           | 40.6 70          | I | 63 77   | 54.9         | 4.9                                                  | 56.0           | 34 67  | 39.3        | 4.3          | 37.0          | APR 21         |  |  |  |
| MAY 1                                                                        | 30         | 51.7 | 4.1          | 51.5   | 58.8 66           | 42.9 65          | I | 65 66   | 58.2         | 3.9                                                  | 59.0           | 34 64  | 43.5        | 5.5          | 43.0          | MAY 1          |  |  |  |
| MAY 11                                                                       | 30         | 53.9 | 3.6          | 53.0   | 61.7 73           | 44.6 74          | I | 70 73   | 61.7         | 4.5                                                  | 62.0           | 38 55  | 45.0        | 4.2          | 45.0          | MAY 11         |  |  |  |
| MAY 21                                                                       | 30         | 55.9 | 3.7          | 55.0   | 63.9 58           | 50.3 54          | I | 70 69   | 63.2         | 3.7                                                  | 63.0           | 39 53  | 47.8        | 4.7          | 47.0          | MAY 21         |  |  |  |
| JUN 1                                                                        | 30         | 59.4 | 4.4          | 59.0   | 68.4 77           | 50.5 51          | I | 77 77   | 66.3         | 4.4                                                  | 66.5           | 41 54  | 51.8        | 5.5          | 52.0          | JUN 1          |  |  |  |
| JUN 11                                                                       | 30         | 61.4 | 3.8          | 61.0   | 73.8 74           | 55.4 54          | I | 78 74   | 67.6         | 3.7                                                  | 68.0           | 47 73  | 53.9        | 4.4          | 54.0          | JUN 11         |  |  |  |
| JUN 21                                                                       | 30         | 63.1 | 4.0          | 62.0   | 70.8 74           | 54.9 63          | I | 77 74   | 70.4         | 3.8                                                  | 71.0           | 47 55  | 54.8        | 5.0          | 54.0          | JUN 21         |  |  |  |
| JUL 1                                                                        | 30         | 66.3 | 3.9          | 66.0   | 74.2 75           | 55.9 55          | I | 79 73   | 71.8         | 3.5                                                  | 72.0           | 48 55  | 59.2        | 4.2          | 60.0          | JUL 1          |  |  |  |
| JUL 11                                                                       | 30         | 69.6 | 2.6          | 70.0   | 74.1 73           | 64.4 62          | I | 81 51   | 74.7         | 3.3                                                  | 75.0           | 54 72  | 63.1        | 3.5          | 63.5          | JUL 11         |  |  |  |
| JUL 21                                                                       | 30         | 70.4 | 1.9          | 70.0   | 74.0 80           | 65.9 54          | I | 83 78   | 75.2         | 2.9                                                  | 75.0           | 57 54  | 64.3        | 3.5          | 64.0          | JUL 21         |  |  |  |
| AUG 1                                                                        | 30         | 68.8 | 2.7          | 68.0   | 73.4 71           | 61.9 56          | I | 78 73   | 73.6         | 2.7                                                  | 74.5           | 55 56  | 62.9        | 3.7          | 63.5          | AUG 1          |  |  |  |
| AUG 11                                                                       | 30         | 67.3 | 3.2          | 67.0   | 71.9 73           | 59.8 68          | I | 77 73   | 71.9         | 2.6                                                  | 72.0           | 50 78  | 61.1        | 5.8          | 63.0          | AUG 11         |  |  |  |
| AUG 21                                                                       | 30         | 63.3 | 3.7          | 62.0   | 71.1 69           | 55.9 60          | I | 80 69   | 69.3         | 3.6                                                  | 69.0           | 47 60  | 55.8        | 4.7          | 56.5          | AUG 21         |  |  |  |
| SEP 1                                                                        | 30         | 61.2 | 3.1          | 60.0   | 67.1 79           | 55.1 65          | I | 74 79   | 67.1         | 3.5                                                  | 67.0           | 48 62  | 53.8        | 3.6          | 53.0          | SEP 1          |  |  |  |
| SEP 11                                                                       | 30         | 56.4 | 3.8          | 56.0   | 61.9 53           | 45.7 65          | I | 70 66   | 63.2         | 3.2                                                  | 63.0           | 32 65  | 48.3        | 5.9          | 48.5          | SEP 11         |  |  |  |
| SEP 21                                                                       | 30         | 53.7 | 4.6          | 54.0   | 61.6 67           | 44.5 61          | I | 68 67   | 59.3         | 4.6                                                  | 59.5           | 37 72  | 47.1        | 5.2          | 47.0          | SEP 21         |  |  |  |
| OCT 1                                                                        | 30         | 50.2 | 3.5          | 50.0   | 57.9 63           | 41.8 59          | I | 65 63   | 56.6         | 3.9                                                  | 56.5           | 35 66  | 42.8        | 4.7          | 43.0          | OCT 1          |  |  |  |
| OCT 11                                                                       | 30         | 46.3 | 3.6          | 46.0   | 52.1 73           | 34.9 69          | I | 60 75   | 53.5         | 4.2                                                  | 54.0           | 27 69  | 38.9        | 4.5          | 39.0          | OCT 11         |  |  |  |
| OCT 21                                                                       | 30         | 40.9 | 2.9          | 41.0   | 46.5 77           | 34.6 70          | I | 60 77   | 49.6         | 4.0                                                  | 50.0           | 16 71  | 33.2        | 4.8          | 34.0          | OCT 21         |  |  |  |
| NOV 1                                                                        | 30         | 36.4 | 3.5          | 36.0   | 44.1 80           | 30.3 52          | I | 50 78   | 43.2         | 4.2                                                  | 43.0           | 15 55  | 28.5        | 5.3          | 29.5          | NOV 1          |  |  |  |
| NOV 11                                                                       | 30         | 32.7 | 5.6          | 34.0   | 44.9 54           | 19.8 55          | I | 50 54   | 41.7         | 4.2                                                  | 41.5           | 0 55   | 22.4        | 8.4          | 24.0          | NOV 11         |  |  |  |
| NOV 21                                                                       | 30         | 28.6 | 5.2          | 29.0   | 36.1 53           | 13.4 52          | I | 46 74   | 38.4         | 5.5                                                  | 40.0           | 3 79   | 17.8        | 7.2          | 18.5          | NOV 21         |  |  |  |
| DEC 1                                                                        | 30         | 25.8 | 5.8          | 27.0   | 34.1 79           | 7.0 72           | I | 43 80   | 36.5         | 4.0                                                  | 36.5           | -10 72 | 14.5        | 9.8          | 16.0          | DEC 1          |  |  |  |
| DEC 11                                                                       | 30         | 23.3 | 6.3          | 24.5   | 33.3 62           | 11.9 67          | I | 41 57   | 33.2         | 4.6                                                  | 33.0           | -12 64 | 12.4        | 9.9          | 15.0          | DEC 11         |  |  |  |
| DEC 21                                                                       | 30         | 22.0 | 5.6          | 20.5   | 35.7 80           | 12.8 78          | I | 47 55   | 33.9         | 5.3                                                  | 33.0           | -16 78 | 9.6         | 9.2          | 12.0          | DEC 21         |  |  |  |
| MONTH                                                                        |            |      |              |        |                   |                  |   |         |              |                                                      |                |        |             |              |               |                |  |  |  |
| JAN                                                                          | 30         | 19.8 | 6.7          | 19.0   | 34.3 53           | 2.8 79           | I | 50 53   | 37.3         | 5.6                                                  | 38.5           | -22 79 | -2.7        | 10.3         | -1.0          | JAN            |  |  |  |
| FEB                                                                          | 30         | 27.7 | 5.1          | 28.0   | 35.7 63           | 16.5 56          | I | 48 70   | 41.4         | 3.8                                                  | 41.5           | -19 56 | 10.1        | 11.4         | 13.0          | FEB            |  |  |  |
| MAR                                                                          | 30         | 35.4 | 3.7          | 35.5   | 42.1 68           | 25.9 52          | I | 56 78   | 48.1         | 3.6                                                  | 48.5           | -2 60  | 19.9        | 7.7          | 20.0          | MAR            |  |  |  |
| APR                                                                          | 30         | 45.2 | 2.6          | 44.5   | 49.8 77           | 40.3 70          | I | 63 77   | 56.4         | 3.5                                                  | 56.0           | 25 66  | 33.5        | 3.5          | 33.5          | APR            |  |  |  |
| MAY                                                                          | 30         | 53.9 | 2.5          | 53.0   | 59.7 58           | 49.5 53          | I | 70 73   | 65.0         | 3.1                                                  | 65.0           | 34 64  | 41.2        | 3.8          | 41.0          | MAY            |  |  |  |
| JUN                                                                          | 30         | 61.3 | 2.6          | 60.5   | 67.3 74           | 56.3 54          | I | 78 74   | 71.5         | 3.0                                                  | 71.0           | 41 54  | 49.4        | 3.7          | 49.5          | JUN            |  |  |  |
| JUL                                                                          | 30         | 68.8 | 1.8          | 68.0   | 72.0 75           | 66.0 62          | I | 83 78   | 76.5         | 2.6                                                  | 76.0           | 48 55  | 58.2        | 3.6          | 59.0          | JUL            |  |  |  |
| AUG                                                                          | 30         | 66.4 | 2.4          | 66.0   | 70.7 71           | 62.7 60          | I | 80 69   | 74.4         | 2.3                                                  | 75.0           | 47 60  | 55.2        | 4.6          | 55.0          | AUG            |  |  |  |
| SEP                                                                          | 30         | 57.1 | 2.9          | 57.0   | 63.1 79           | 49.9 65          | I | 74 79   | 67.4         | 3.3                                                  | 67.0           | 32 65  | 44.8        | 4.8          | 46.0          | SEP            |  |  |  |
| OCT                                                                          | 30         | 45.6 | 2.1          | 45.0   | 50.1 63           | 40.2 69          | I | 65 63   | 57.8         | 2.9                                                  | 58.0           | 16 71  | 32.5        | 4.6          | 33.0          | OCT            |  |  |  |
| NOV                                                                          | 30         | 32.6 | 3.0          | 32.0   | 38.2 54           | 26.5 52          | I | 50 78   | 45.0         | 3.4                                                  | 45.5           | 0 55   | 15.2        | 6.6          | 16.5          | NOV            |  |  |  |
| DEC                                                                          | 30         | 23.6 | 4.2          | 23.0   | 30.9 79           | 14.3 78          | I | 47 55   | 38.6         | 3.4                                                  | 39.0           | -16 78 | 4.8         | 9.0          | 7.0           | DEC            |  |  |  |

(con.)

Table 23 (Con.)

| MEAN DAILY TEMPERATURE                                         |            |      |              |        |                   |                  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| STATION NUMBER 108395 SHOUP<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                   |                  | 1966-1981<br>10-DAY AND MONTHLY EXTREME DAILY VALUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| PRD.<br>BEGINS                                                 | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG.YR | LOWEST<br>AVG.YR | 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(con.)

Table 23 (Con.)

| MEAN DAILY TEMPERATURE          |       |      |      |        |           |         |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |      |        |        |      |      |        |        |    |
|---------------------------------|-------|------|------|--------|-----------|---------|---|--|--|----------------------------------------------|------|------|--------|--------|------|------|--------|--------|----|
| STATION NUMBER 109560 WARREN    |       |      |      |        |           |         |   |  |  | 1960-1981                                    |      |      |        |        |      |      |        |        |    |
| 10-DAY AND MONTHLY PERIOD MEANS |       |      |      |        |           |         |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |      |        |        |      |      |        |        |    |
| PRD.                            | NO.   | MEAN | STD. | MEDIAN | HIGHEST   | LOWEST  |   |  |  | HIGH.YR                                      | AVG. | STD. | MEDIAN | LOW.YR | AVG. | STD. | MEDIAN | PRD.   |    |
| BEGINS                          | YRS   |      | DEV. |        | AVG.YR    | AVG.YR  |   |  |  | HIGH                                         | HIGH | DEV. | HIGH   |        | LOW  | DEV. | LOW    | BEGINS |    |
| JAN                             | 1 22  | 15.8 | 7.1  | 15.5   | 24.8 69   | -3.6 74 | I |  |  | 36 69                                        | 28.5 | 6.7  | 30.0   | -19 79 | 1.6  | 9.0  | 2.5    | JAN    | 1  |
| JAN                             | 11 22 | 21.5 | 6.6  | 23.0   | 28.6 70   | 5.9 63  | I |  |  | 39 73                                        | 31.6 | 5.8  | 33.0   | -14 63 | 6.7  | 7.1  | 7.5    | JAN    | 11 |
| JAN                             | 21 22 | 19.2 | 5.6  | 18.5   | 28.4 81 M | 7.8 79  | I |  |  | 40 81                                        | 31.0 | 4.6  | 32.0   | -9 62  | 5.5  | 8.0  | 7.0    | JAN    | 21 |
| FEB                             | 1 22  | 23.5 | 5.0  | 22.5   | 34.7 63   | 15.3 76 | I |  |  | 43 63                                        | 32.9 | 4.3  | 33.0   | -5 76  | 12.1 | 8.5  | 12.0   | FEB    | 1  |
| FEB                             | 11 22 | 25.1 | 4.4  | 24.5   | 35.1 77   | 15.9 66 | I |  |  | 40 70                                        | 33.7 | 3.4  | 35.0   | -3 65  | 14.3 | 7.4  | 16.0   | FEB    | 11 |
| FEB                             | 21 22 | 23.5 | 7.0  | 25.0   | 32.3 68   | 4.9 62  | I |  |  | 40 73                                        | 31.5 | 5.6  | 32.0   | -16 62 | 14.4 | 10.3 | 16.0   | FEB    | 21 |
| MAR                             | 1 22  | 23.9 | 4.8  | 23.0   | 31.1 75   | 16.6 76 | I |  |  | 40 79                                        | 33.1 | 4.5  | 34.0   | 0 76   | 13.0 | 7.8  | 13.0   | MAR    | 1  |
| MAR                             | 11 21 | 25.8 | 5.4  | 25.0   | 36.3 72   | 13.1 65 | I |  |  | 42 61                                        | 35.0 | 4.6  | 36.0   | -4 65  | 14.5 | 7.6  | 14.0   | MAR    | 11 |
| MAR                             | 21 22 | 28.9 | 4.9  | 29.0   | 39.8 78   | 19.3 75 | I |  |  | 44 78                                        | 37.0 | 3.6  | 37.5   | -2 65  | 18.5 | 8.3  | 18.0   | MAR    | 21 |
| APR                             | 1 22  | 31.8 | 4.0  | 31.0   | 40.1 60   | 22.0 75 | I |  |  | 46 77                                        | 38.7 | 4.2  | 38.5   | 10 75  | 23.4 | 4.4  | 23.0   | APR    | 1  |
| APR                             | 11 22 | 32.7 | 4.1  | 32.0   | 41.0 62   | 24.9 70 | I |  |  | 47 81                                        | 40.8 | 4.2  | 41.0   | 13 66  | 23.0 | 5.3  | 22.5   | APR    | 11 |
| APR                             | 21 22 | 36.5 | 4.3  | 35.0   | 46.4 77   | 29.5 67 | I |  |  | 53 77                                        | 42.9 | 4.9  | 43.0   | 23 72  | 29.0 | 4.7  | 28.0   | APR    | 21 |
| MAY                             | 1 21  | 40.0 | 3.9  | 39.0   | 46.5 66   | 31.7 65 | I |  |  | 53 81                                        | 46.4 | 4.0  | 46.0   | 22 67  | 32.3 | 6.1  | 32.0   | MAY    | 1  |
| MAY                             | 11 22 | 42.2 | 3.7  | 42.0   | 48.9 73   | 33.2 74 | I |  |  | 55 73                                        | 48.5 | 3.9  | 48.5   | 27 74  | 34.4 | 4.5  | 34.5   | MAY    | 11 |
| MAY                             | 21 21 | 44.8 | 3.1  | 45.0   | 49.7 61   | 39.8 60 | I |  |  | 59 72                                        | 52.1 | 3.5  | 52.0   | 26 60  | 37.5 | 4.8  | 38.0   | MAY    | 21 |
| JUN                             | 1 21  | 48.4 | 4.1  | 47.0   | 57.4 77   | 42.9 62 | I |  |  | 67 77                                        | 54.2 | 4.7  | 54.0   | 32 66  | 41.7 | 5.4  | 42.0   | JUN    | 1  |
| JUN                             | 11 22 | 50.3 | 3.9  | 50.0   | 60.4 74   | 44.2 64 | I |  |  | 65 60                                        | 57.3 | 3.4  | 57.5   | 33 76  | 42.9 | 5.1  | 42.5   | JUN    | 11 |
| JUN                             | 21 22 | 52.0 | 4.1  | 51.0   | 59.1 73   | 44.3 69 | I |  |  | 66 70                                        | 58.4 | 3.4  | 59.0   | 37 63  | 44.0 | 5.0  | 42.5   | JUN    | 21 |
| JUL                             | 1 22  | 55.3 | 3.1  | 55.0   | 62.7 75   | 50.9 62 | I |  |  | 67 81                                        | 60.7 | 3.0  | 60.5   | 42 66  | 48.5 | 3.5  | 48.0   | JUL    | 1  |
| JUL                             | 11 22 | 56.5 | 2.9  | 57.0   | 62.5 75   | 50.7 62 | I |  |  | 67 75                                        | 61.7 | 3.0  | 62.0   | 44 63  | 50.7 | 3.7  | 50.5   | JUL    | 11 |
| JUL                             | 21 22 | 57.8 | 2.3  | 57.0   | 62.1 60   | 52.5 63 | I |  |  | 68 80                                        | 63.2 | 3.1  | 63.5   | 41 72  | 51.6 | 3.7  | 52.0   | JUL    | 21 |
| AUG                             | 1 22  | 57.0 | 2.0  | 57.0   | 61.6 71   | 53.4 76 | I |  |  | 70 70                                        | 62.3 | 2.7  | 62.0   | 46 76  | 51.5 | 3.3  | 51.5   | AUG    | 1  |
| AUG                             | 11 22 | 55.4 | 3.5  | 56.0   | 60.3 61   | 48.9 78 | I |  |  | 71 61                                        | 60.5 | 3.6  | 60.0   | 38 68  | 49.5 | 5.5  | 50.5   | AUG    | 11 |
| AUG                             | 21 22 | 52.2 | 3.8  | 52.0   | 57.6 61   | 46.2 60 | I |  |  | 67 69                                        | 58.0 | 3.6  | 57.5   | 37 60  | 45.3 | 4.5  | 45.5   | AUG    | 21 |
| SEP                             | 1 22  | 50.8 | 3.4  | 51.0   | 56.1 63   | 42.8 64 | I |  |  | 64 67                                        | 56.6 | 4.1  | 57.0   | 36 64  | 43.2 | 4.1  | 43.5   | SEP    | 1  |
| SEP                             | 11 22 | 46.9 | 4.6  | 47.0   | 55.4 81   | 35.0 65 | I |  |  | 60 81                                        | 53.3 | 4.4  | 54.0   | 20 65  | 38.9 | 6.0  | 40.0   | SEP    | 11 |
| SEP                             | 21 22 | 45.9 | 4.8  | 47.0   | 54.6 67   | 35.8 61 | I |  |  | 60 67                                        | 51.6 | 4.3  | 50.5   | 31 81  | 38.5 | 5.7  | 37.5   | SEP    | 21 |
| OCT                             | 1 22  | 43.1 | 3.7  | 42.5   | 49.6 80   | 37.8 77 | I |  |  | 56 79                                        | 49.8 | 3.3  | 49.5   | 27 68  | 35.4 | 5.6  | 35.5   | OCT    | 1  |
| OCT                             | 11 22 | 39.6 | 3.9  | 39.0   | 45.1 63   | 28.8 69 | I |  |  | 51 71                                        | 46.4 | 2.9  | 46.0   | 19 69  | 32.5 | 5.3  | 33.5   | OCT    | 11 |
| OCT                             | 21 22 | 35.6 | 3.9  | 36.0   | 42.6 62   | 27.5 70 | I |  |  | 46 62                                        | 41.8 | 2.6  | 42.0   | 10 71  | 27.2 | 6.5  | 29.0   | OCT    | 21 |
| NOV                             | 1 22  | 32.5 | 4.2  | 31.0   | 41.0 76   | 26.2 77 | I |  |  | 45 80                                        | 39.5 | 3.4  | 41.0   | 7 78   | 23.0 | 7.7  | 23.5   | NOV    | 1  |
| NOV                             | 11 22 | 28.3 | 4.8  | 29.0   | 36.3 67   | 18.5 64 | I |  |  | 42 67                                        | 36.1 | 3.4  | 37.0   | 1 77   | 17.5 | 7.2  | 19.0   | NOV    | 11 |
| NOV                             | 21 22 | 23.8 | 2.9  | 24.0   | 27.9 71   | 16.6 79 | I |  |  | 39 60                                        | 33.6 | 3.3  | 33.5   | 0 79   | 12.5 | 6.6  | 14.5   | NOV    | 21 |
| DEC                             | 1 22  | 22.2 | 6.5  | 22.5   | 32.0 75   | 3.6 72  | I |  |  | 38 75                                        | 32.9 | 3.7  | 34.0   | -13 78 | 9.2  | 10.7 | 12.5   | DEC    | 1  |
| DEC                             | 11 22 | 20.5 | 6.5  | 20.0   | 30.9 69   | 5.6 67  | I |  |  | 37 72                                        | 30.9 | 4.9  | 31.5   | -23 64 | 6.0  | 10.9 | 6.0    | DEC    | 11 |
| DEC                             | 21 22 | 19.8 | 5.2  | 19.5   | 32.5 80   | 6.7 78  | I |  |  | 38 80                                        | 30.5 | 3.6  | 30.0   | -22 78 | 6.5  | 9.7  | 8.5    | DEC    | 21 |
| MONTH                           |       |      |      |        |           |         |   |  |  | MONTH                                        |      |      |        |        |      |      |        |        |    |
| JAN                             | 22    | 18.8 | 3.6  | 18.0   | 25.1 81 M | 9.8 79  | I |  |  | 40 81                                        | 34.9 | 3.1  | 35.0   | -19 79 | -2.7 | 7.8  | -1.0   | JAN    |    |
| FEB                             | 22    | 24.1 | 3.5  | 24.0   | 30.7 63   | 18.2 64 | I |  |  | 43 63                                        | 35.7 | 3.4  | 35.5   | -16 62 | 6.4  | 8.8  | 9.0    | FEB    |    |
| MAR                             | 21    | 26.5 | 3.7  | 26.0   | 32.8 78   | 17.4 65 | I |  |  | 44 78                                        | 38.6 | 2.4  | 39.0   | -4 65  | 9.7  | 7.0  | 9.0    | MAR    |    |
| APR                             | 22    | 33.7 | 2.9  | 33.0   | 38.7 77   | 28.3 75 | I |  |  | 53 77                                        | 44.0 | 4.0  | 43.5   | 10 75  | 20.3 | 4.1  | 20.0   | APR    |    |
| MAY                             | 21    | 42.3 | 2.1  | 42.0   | 45.9 69   | 38.1 65 | I |  |  | 59 72                                        | 52.7 | 3.2  | 53.0   | 22 67  | 29.5 | 4.4  | 30.0   | MAY    |    |
| JUN                             | 21    | 50.3 | 2.5  | 49.0   | 55.7 61   | 46.8 75 | I |  |  | 67 77                                        | 60.5 | 3.2  | 61.0   | 32 66  | 38.8 | 4.2  | 39.0   | JUN    |    |
| JUL                             | 22    | 56.6 | 2.0  | 56.0   | 61.8 75   | 53.3 62 | I |  |  | 68 80                                        | 64.4 | 2.3  | 65.0   | 41 72  | 47.1 | 3.2  | 46.5   | JUL    |    |
| AUG                             | 22    | 54.8 | 2.5  | 55.0   | 59.0 61   | 51.0 64 | I |  |  | 71 61                                        | 63.4 | 3.0  | 63.0   | 37 60  | 44.3 | 4.4  | 44.5   | AUG    |    |
| SEP                             | 22    | 47.9 | 3.4  | 48.0   | 52.6 67   | 39.8 65 | I |  |  | 64 67                                        | 57.0 | 4.0  | 58.0   | 20 65  | 35.8 | 5.3  | 37.0   | SEP    |    |
| OCT                             | 22    | 39.3 | 1.9  | 39.0   | 43.0 63   | 35.1 69 | I |  |  | 56 79                                        | 50.2 | 2.6  | 49.5   | 10 71  | 25.3 | 5.4  | 26.5   | OCT    |    |
| NOV                             | 22    | 28.2 | 2.4  | 28.0   | 32.6 76   | 24.4 77 | I |  |  | 45 80                                        | 40.1 | 2.8  | 41.0   | 0 79   | 10.7 | 6.0  | 12.5   | NOV    |    |
| DEC                             | 22    | 20.8 | 3.7  | 20.0   | 26.4 80   | 11.4 78 | I |  |  | 38 80                                        | 34.7 | 2.9  | 35.0   | -23 64 | -0.4 | 10.2 | 2.5    | DEC    |    |

**Table 24**—Monthly and annual mean temperatures, °F, by individual years, at long-term stations adjacent to RNR. Means are arithmetic averages of daily maximum and minimum values; based on 24-hour periods ending at indicated observation times (m.s.t.). E denotes mean is different from originally published value; includes estimates for missing days and corrections for apparent errors. Values in parentheses are completely estimated. X denotes 6 or more days missing; mean as published

McCall, ID - Observation time mostly 1600 to 1700; 0900 during October 1934 to November 1948.

| Year | Mean temperature |       |       |        |        |        |       |        |        |        |       |       | Annual |
|------|------------------|-------|-------|--------|--------|--------|-------|--------|--------|--------|-------|-------|--------|
|      | Jan.             | Feb.  | Mar.  | Apr.   | May    | June   | July  | Aug.   | Sept.  | Oct.   | Nov.  | Dec.  |        |
|      | °F               |       |       |        |        |        |       |        |        |        |       |       |        |
| 1921 | 19.6             | 22.4  | 30.8  | 36.2   | 48.6   | 57.4   | 62.2  | 60.0   | 46.2   | (45.3) | 34.0  | 23.4  | 40.5   |
| 1922 | 12.2             | 19.9  | 24.2  | 31.8   | 45.0   | 58.4   | 63.2  | 63.0   | 53.6   | 44.0   | 29.1  | 19.0X | 38.6   |
| 1923 | 21.0             | 19.3  | 22.6  | 37.0   | 46.8   | 52.2   | 65.2  | 59.4   | 54.6   | 40.4   | 33.0X | 19.6X | 39.3   |
| 1924 | 15.9             | 28.9X | 25.0  | 36.6   | 49.5X  | 53.0X  | 62.1X | 60.0X  | 52.7X  | 40.4X  | 22.4X | 13.8X | 38.4   |
| 1925 | 20.8X            | 24.3  | 29.4  | 43.0   | 53.2   | 58.4   | 65.4X | (60.0) | 54.6X  | (43.0) | 32.0X | 26.2X | 42.6   |
| 1926 | 17.8X            | 28.5X | 33.2X | 43.0X  | 49.0X  | 55.2   | 65.0E | 61.9E  | (48.0) | 46.1   | 36.2  | 24.7X | 42.4   |
| 1927 | 21.2             | 22.4  | 26.8  | 34.8   | 43.6   | 54.6   | 61.5  | 59.4   | 50.4   | 46.5   | 33.7  | 18.2  | 39.4   |
| 1928 | 23.4             | 21.4  | 32.8  | 36.1   | 53.6   | 54.3   | 61.4  | 61.2   | 55.0   | 45.0   | 33.4  | 20.4  | 41.5   |
| 1929 | 9.8              | 14.2  | 28.3  | 31.8   | 43.2   | 51.8   | 62.2  | 64.4   | 49.4   | 43.9   | 28.6  | 28.9  | 38.0   |
| 1930 | 8.6              | 30.4  | 30.6  | 43.8   | 47.8   | 53.3   | 64.8  | 62.2   | 52.3   | 39.7   | 28.6  | 14.8  | 39.7   |
| 1931 | 18.9             | 20.0  | 28.6  | 38.0   | 48.5   | 55.0   | 64.8  | 62.8   | 50.4   | 42.3   | 27.6  | 18.6  | 39.6   |
| 1932 | 12.8             | 18.0  | 26.8  | 36.0   | 46.1   | 55.5   | 60.6  | 58.2   | 52.5   | 41.6   | 31.9  | 14.1  | 37.8   |
| 1933 | 19.4             | 11.3  | 27.4  | 35.2   | 42.6   | 58.2   | 64.2  | 60.7   | 50.8   | 46.4   | 33.9  | 29.4  | 40.0   |
| 1934 | 27.5             | 33.2  | 38.2  | 46.8   | 54.2   | 53.6   | 63.0  | 63.4   | 50.0   | 43.7   | 36.2  | 24.0  | 44.5   |
| 1935 | 22.8             | 21.9  | 23.6  | 35.6   | 44.8   | (54.0) | 61.4  | 59.4   | 54.8   | 40.2   | 23.6  | 18.6  | 38.4   |
| 1936 | 17.8             | 15.4  | 24.3  | 38.1   | 51.2   | 57.2   | 65.8  | 62.7   | 51.8   | 45.7   | 31.2  | 21.9  | 40.2   |
| 1937 | 5.5              | 17.2  | 32.5  | 34.6   | 49.2   | 54.2   | 64.7  | 59.2   | 54.4   | 44.8   | 34.4  | 27.2  | 39.8   |
| 1938 | 22.2             | 26.2  | 28.9  | 37.6   | 46.2   | 57.6   | 63.0  | 60.0   | 57.2   | 43.8   | 23.2  | 21.8  | 40.6   |
| 1939 | 19.0             | 16.4  | 29.4  | 40.6   | 50.2   | 51.8   | 62.9  | 63.0   | 52.7   | 42.6   | 34.9  | 31.4  | 41.2   |
| 1940 | 23.4             | 24.7  | 33.0  | 40.0   | 50.7   | 59.2   | 63.4  | 63.4   | 54.7   | 43.8   | 24.2  | 25.0  | 42.1   |
| 1941 | 21.0             | 24.8  | 33.4  | (40.0) | 47.9   | 54.4   | 64.2  | 59.6   | 47.6   | 42.2   | 34.0  | 25.2  | 41.2   |
| 1942 | 16.2             | 18.0  | 26.2  | 40.2   | 44.2   | 50.4   | 62.0  | 59.4   | 51.8   | 43.0   | 28.4  | 22.8  | 38.6   |
| 1943 | 15.4             | 22.2  | 23.9  | 42.0   | 43.6   | 50.4   | 62.0  | 60.0   | 55.0   | 43.0   | 32.0  | 22.8  | 39.4   |
| 1944 | 15.7             | 22.4  | 25.0  | 37.2   | 48.5   | 51.2   | 59.6  | 57.9   | 51.8   | 48.4   | 28.8  | 21.7  | 39.0   |
| 1945 | 22.2             | 25.8  | 27.3  | 33.2   | 46.0   | 50.5   | 62.0  | 59.8   | 47.7   | 44.6   | 27.4  | 18.4  | 38.7   |
| 1946 | 16.7             | 20.4  | 30.6  | 39.5   | 47.4   | 53.6   | 63.1  | 61.2   | 49.4   | 35.4   | 29.1  | 25.6  | 39.3   |
| 1947 | 16.4             | 27.8  | 33.0  | 39.0   | 51.8   | 50.1   | 62.8  | 59.4   | 51.8   | 45.4   | 26.4  | 21.0  | 40.4   |
| 1948 | 18.2             | 21.4  | 22.2  | 32.0   | 43.4   | 56.6   | 59.4  | 58.0   | 51.6   | 45.0   | 27.2  | 12.9  | 37.3   |
| 1949 | 2.9              | 18.8  | 33.8  | 42.6   | 52.2   | 53.2   | 61.5  | 61.9   | 56.3   | 38.5   | 35.5  | 22.3  | 40.0   |
| 1950 | 14.2             | 24.4  | 24.3  | 32.3   | 42.2   | 54.9   | 62.5  | 61.6   | 52.3   | 43.4   | 32.9  | 29.3  | 39.5   |
| 1951 | 20.2             | 22.8  | 22.3  | 35.6   | 47.8   | 52.0   | 64.0  | 60.0   | 53.3   | 40.2   | 30.5  | 19.8  | 39.0   |
| 1952 | 17.0             | 17.3  | 22.6  | (38.5) | 46.9   | 54.1   | 61.3  | 60.7   | 55.5   | 46.3   | 26.8  | 23.3  | 39.2   |
| 1953 | 29.6             | 23.2  | 27.5  | 32.4   | 42.7   | 50.6   | 62.6  | 60.0   | 55.0   | 46.3   | 35.7  | 23.1  | 40.7   |
| 1954 | 24.5             | 26.0  | 24.5  | 35.4   | 46.7   | 49.7   | 62.6  | 56.8   | 51.9   | 42.5   | 36.4  | 20.8  | 39.8   |
| 1955 | 17.3             | 17.0  | 19.8  | 30.0   | 40.6   | 54.1   | 60.1  | 61.7   | 52.4   | 41.9   | 25.1  | 22.7  | 36.9   |
| 1956 | 21.3             | 16.8  | 25.4  | 36.6   | 47.8   | 53.0   | 63.8  | 58.4   | 52.8   | 41.2   | 27.4  | 23.7  | 39.0   |
| 1957 | 11.6             | 23.6  | 29.5  | 36.9   | 46.7   | 54.5   | 61.8  | 59.6   | 55.9   | 40.8   | 28.0  | 25.1  | 39.5   |
| 1958 | 22.4             | 31.0  | 28.0  | 35.8   | 53.5   | 57.5   | 63.1  | 63.4   | 51.4   | 45.2   | 32.3  | 29.9  | 42.8   |
| 1959 | 25.6             | 24.4  | 27.8  | 38.4   | (43.0) | 57.9   | 63.9  | 60.0   | 49.7   | 44.0   | 31.3  | 24.5  | 40.9   |
| 1960 | 17.9             | 20.6  | 29.6  | 37.9   | 45.6   | 57.3   | 67.6  | 59.0   | 55.3   | 42.1   | 31.1  | 21.4  | 40.5   |
| 1961 | 22.3             | 30.8  | 31.0  | 37.2   | 47.3   | 62.1   | 65.8  | 67.9   | 49.0   | 41.5   | 27.6  | 19.4  | 41.8   |
| 1962 | 14.8             | 23.5  | 26.7  | 41.3   | 46.3   | 56.8   | 61.8  | 59.8   | 54.7   | 45.2   | 35.4  | 28.5  | 41.2   |
| 1963 | 18.2             | 35.3  | 31.6  | 36.9   | 50.3   | 55.0   | 59.9E | 62.6E  | 58.7E  | 47.5   | 32.2  | 23.1  | 42.6   |
| 1964 | 19.8             | 19.0  | 24.2  | 36.2   | 46.0   | 53.9   | 64.2  | 59.2   | 50.4   | 46.2   | 30.9  | 24.7  | 39.6   |
| 1965 | 25.1             | 24.9  | 26.7  | 40.4   | 45.2   | 55.1   | 63.2  | 61.4   | 48.6   | 47.7   | 35.2  | 24.3  | 41.5   |
| 1966 | 22.1             | 23.1  | 28.9  | 39.2   | 51.7   | 54.5   | 61.9  | 61.1   | 58.3   | 43.1   | 35.2  | 25.7  | 42.1   |
| 1967 | 26.3             | 24.1  | 28.9  | 34.2   | 46.4   | 55.0   | 64.3  | 64.0   | 57.9   | 43.0   | 35.0  | 22.3  | 41.8   |
| 1968 | 21.1             | 29.8  | 34.7  | 36.2   | 45.5   | 55.2   | 63.9  | 57.7   | 52.2   | 41.9   | 31.2  | 23.1  | 41.0   |
| 1969 | 22.7             | 23.3  | 27.7  | 41.0   | 51.1   | 56.6   | 60.5  | 61.7   | 54.2   | 39.7   | 33.8  | 28.5  | 41.7   |
| 1970 | 25.2             | 28.4  | 28.4  | 33.2   | 47.7   | 57.2   | 63.5  | 63.6   | 49.5   | 40.3   | 32.9  | 20.9  | 40.9   |

(con.)

Table 24 (Con.)

McCall, ID (Con.)

| Year             | Mean temperature |      |      |      |      |      |       |      |       |      |      |      | Annual |
|------------------|------------------|------|------|------|------|------|-------|------|-------|------|------|------|--------|
|                  | Jan.             | Feb. | Mar. | Apr. | May  | June | July  | Aug. | Sept. | Oct. | Nov. | Dec. |        |
|                  | °F               |      |      |      |      |      |       |      |       |      |      |      |        |
| 1971             | 23.2             | 24.3 | 26.0 | 37.3 | 49.2 | 52.4 | 62.3  | 65.1 | 48.3  | 40.9 | 31.0 | 22.6 | 40.2   |
| 1972             | 20.7             | 25.2 | 34.6 | 36.4 | 48.8 | 56.4 | 61.5  | 64.3 | 48.5  | 44.8 | 32.6 | 19.2 | 41.1   |
| 1973             | 20.2             | 26.3 | 31.9 | 39.3 | 50.0 | 55.9 | 63.7  | 61.0 | 52.1  | 43.0 | 30.8 | 27.7 | 41.8   |
| 1974             | 20.3             | 24.8 | 30.7 | 38.7 | 44.1 | 58.4 | 60.4  | 58.4 | 52.8  | 43.7 | 33.9 | 23.5 | 40.8   |
| 1975             | 20.6             | 21.8 | 28.2 | 31.4 | 43.8 | 51.2 | 65.4  | 56.2 | 52.1  | 41.3 | 29.6 | 27.4 | 39.1   |
| 1976             | 23.3             | 24.7 | 24.8 | 37.9 | 49.8 | 52.1 | 63.0  | 57.1 | 53.8  | 41.6 | 36.2 | 23.5 | 40.7   |
| 1977             | 18.7             | 29.1 | 28.4 | 43.9 | 44.3 | 60.8 | 61.5  | 61.9 | 50.4  | 41.4 | 30.9 | 27.8 | 41.6   |
| 1978             | 26.5             | 28.9 | 36.3 | 40.0 | 45.2 | 53.7 | 61.3  | 58.2 | 50.6  | 43.6 | 30.6 | 15.5 | 40.9   |
| 1979             | 11.0             | 26.2 | 32.4 | 37.9 | 48.1 | 55.6 | 62.9  | 62.4 | 55.9  | 45.6 | 27.9 | 27.6 | 41.1   |
| 1980             | 21.1             | 29.7 | 30.4 | 42.2 | 47.9 | 53.1 | 62.0  | 57.4 | 53.2  | 42.9 | 33.0 | 27.3 | 41.7   |
| 1981             | 27.1             | 25.9 | 34.7 | 40.1 | 46.4 | 52.6 | 60.6  | 64.1 | 54.1  | 40.3 | 34.8 | 26.8 | 42.3   |
| 1982             | 21.2             | 21.3 | 30.6 | 33.6 | 46.1 | 55.9 | 59.5  | 62.6 | 52.2  | 41.2 | 26.6 | 22.9 | 39.5   |
| 1983             | 26.6             | 28.3 | 34.4 | 36.7 | 48.0 | 54.6 | 59.8  | 64.2 | 50.9  | 44.3 | 32.5 | 18.0 | 41.5   |
| 1984             | 19.7             | 23.2 | 32.8 | 35.8 | 45.0 | 52.3 | 62.1  | 62.0 | 47.9  | 37.7 | 29.7 | 18.5 | 38.9   |
| 1985             | 15.8             | 18.3 | 27.9 | 41.8 | 50.1 | 56.7 | 65.5  | 57.2 | 47.9  | 40.2 | 23.5 | 16.8 | 38.5   |
| 1986             | 25.5             | 30.2 | 37.5 | 40.7 | 49.7 | 60.2 | 56.9E | 62.8 | 45.3  | 41.9 | 31.9 | 23.2 | 42.2   |
| 1987             | 19.8             | 27.6 | 33.4 | 46.3 | 51.8 | 58.1 | 59.9  | 56.8 | 53.8  |      |      |      |        |
| 10-year averages |                  |      |      |      |      |      |       |      |       |      |      |      |        |
| 1921-30          | 17.0             | 23.2 | 28.4 | 37.4 | 48.0 | 54.9 | 63.3  | 61.2 | 51.7  | 43.4 | 31.1 | 20.9 | 40.0   |
| 1931-40          | 18.9             | 20.4 | 29.3 | 38.3 | 48.4 | 55.6 | 63.4  | 61.3 | 52.9  | 43.5 | 30.1 | 23.2 | 40.4   |
| 1941-50          | 15.9             | 22.6 | 28.0 | 37.8 | 46.7 | 52.5 | 61.9  | 59.9 | 51.5  | 42.9 | 30.2 | 22.2 | 39.3   |
| 1951-60          | 20.7             | 22.3 | 25.7 | 35.8 | 46.1 | 54.1 | 63.1  | 60.0 | 53.3  | 43.1 | 30.5 | 23.4 | 39.8   |
| 1961-70          | 21.8             | 26.2 | 28.9 | 37.6 | 47.8 | 56.1 | 62.9  | 61.9 | 53.4  | 43.6 | 32.9 | 24.1 | 41.4   |
| 1971-80          | 20.6             | 26.1 | 30.4 | 38.5 | 47.1 | 55.0 | 62.4  | 60.2 | 51.8  | 42.9 | 31.7 | 24.2 | 40.9   |
| 30-year averages |                  |      |      |      |      |      |       |      |       |      |      |      |        |
| 1921-50          | 17.3             | 22.1 | 28.5 | 37.8 | 47.7 | 54.3 | 62.9  | 60.8 | 52.0  | 43.3 | 30.5 | 22.1 | 39.9   |
| 1931-60          | 18.5             | 21.8 | 27.7 | 37.3 | 47.1 | 54.1 | 62.8  | 60.4 | 52.6  | 42.8 | 30.3 | 22.9 | 39.9   |
| 1941-70          | 19.5             | 23.7 | 27.5 | 37.0 | 46.9 | 54.2 | 62.6  | 60.6 | 52.7  | 43.2 | 31.2 | 23.2 | 40.2   |
| 1951-80          | 21.0             | 24.9 | 28.3 | 37.3 | 47.0 | 55.1 | 62.8  | 60.7 | 52.8  | 43.2 | 31.7 | 23.9 | 40.7   |

(con.)

Table 24 (Con.)

Challis, ID - Observation time 1700, changed to 1500 in July 1961; 0800 beginning October 1973.<sup>1</sup>

| Year | Mean temperature |        |      |      |        |      |      |      |       |        |        |        | Annual |
|------|------------------|--------|------|------|--------|------|------|------|-------|--------|--------|--------|--------|
|      | Jan.             | Feb.   | Mar. | Apr. | May    | June | July | Aug. | Sept. | Oct.   | Nov.   | Dec.   |        |
|      | °F               |        |      |      |        |      |      |      |       |        |        |        |        |
| 1931 | 18.2             | 22.4   | 34.2 | 43.1 | 54.2   | 64.0 | 69.8 | 65.2 | 53.6  | 41.4   | (25.0) | 12.2   | 41.9   |
| 1932 | (14.0)           | (20.0) | 33.8 | 42.9 | 50.4   | 59.1 | 64.4 | 63.8 | 57.0  | 45.3   | 35.0   | 12.2   | 41.5   |
| 1933 | 20.4             | 16.1   | 36.6 | 43.7 | 48.5   | 66.4 | 71.7 | 66.4 | 55.9  | 51.8   | 37.0   | 30.6   | 45.4   |
| 1934 | 30.0             | 36.2   | 44.0 | 50.7 | 58.1   | 60.1 | 69.0 | 69.4 | 54.6  | 50.7   | 37.6   | 24.4   | 48.7   |
| 1935 | 23.7             | 27.5   | 33.6 | 44.0 | 49.6   | 60.4 | 67.6 | 66.1 | 59.1  | 44.6   | 25.7   | 17.1   | 43.2   |
| 1936 | 17.6             | 21.0   | 33.4 | 46.1 | 56.8   | 62.4 | 71.5 | 66.1 | 55.3  | 46.4   | 29.2   | 24.6   | 44.2   |
| 1937 | 3.1              | 21.2   | 35.2 | 40.4 | 57.4   | 59.8 | 70.2 | 66.5 | 59.8  | 51.1   | 36.8   | 25.2   | 43.9   |
| 1938 | 20.7             | 28.8   | 35.4 | 46.5 | 51.5   | 60.8 | 66.2 | 65.8 | 62.0  | 45.8   | 28.8   | 26.2   | 44.9   |
| 1939 | 24.8             | 20.8   | 36.7 | 49.0 | 56.6   | 56.4 | 69.0 | 67.6 | 58.7  | 48.2   | 37.8   | 32.8   | 46.5   |
| 1940 | 21.4             | 28.3   | 40.6 | 45.8 | 57.3   | 65.4 | 69.2 | 68.4 | 56.5  | 49.0   | 28.8   | 26.3   | 46.4   |
| 1941 | 20.4             | 28.2   | 39.0 | 43.6 | 53.3   | 58.4 | 67.1 | 63.2 | 51.6  | 45.5   | 35.7   | 36.0   | 44.3   |
| 1942 | 9.8              | 15.6   | 28.8 | 45.7 | 46.6   | 55.4 | 68.3 | 67.2 | 58.0  | 47.0   | 32.2   | 22.6   | 41.4   |
| 1943 | 17.3             | 23.2   | 27.5 | 48.6 | 49.5   | 56.0 | 66.6 | 64.6 | 59.8  | 47.4   | 34.6   | 22.4   | 43.1   |
| 1944 | 15.2             | 25.6   | 30.4 | 44.0 | 52.6   | 55.4 | 64.0 | 62.8 | 56.9  | 50.0   | 30.4   | 17.8   | 42.1   |
| 1945 | 22.8             | 29.2   | 35.0 | 39.8 | 52.2   | 55.4 | 68.2 | 67.8 | 54.9  | 50.6   | 32.0   | 19.7   | 44.0   |
| 1946 | 23.0             | 25.1   | 37.5 | 47.2 | 51.4   | 61.2 | 68.2 | 65.2 | 54.6  | 40.4   | 32.6   | 27.6   | 44.5   |
| 1947 | 14.6             | 30.7   | 37.3 | 43.8 | 55.8   | 56.0 | 68.1 | 65.9 | 57.2  | 49.0   | 31.8   | 24.4   | 44.6   |
| 1948 | 22.6             | 28.2   | 32.0 | 42.5 | 52.2   | 61.1 | 65.1 | 64.8 | 58.0  | 47.0   | 30.5   | 12.9   | 43.1   |
| 1949 | 0.6              | 22.3   | 36.4 | 46.2 | 55.4   | 61.0 | 68.1 | 67.9 | 59.5  | 42.0   | 39.0   | 24.3   | 43.6   |
| 1950 | 20.6             | 28.7   | 35.5 | 42.8 | 49.6   | 58.8 | 67.0 | 65.0 | 55.9  | 50.0   | 36.0   | 26.2   | 44.7   |
| 1951 | 18.0             | 28.0   | 30.3 | 46.3 | 52.4   | 55.1 | 66.9 | 62.6 | 56.6  | 44.1   | 31.5   | 21.3   | 42.8   |
| 1952 | 16.0             | 19.3   | 27.0 | 46.7 | 53.7   | 60.4 | 66.4 | 66.3 | 60.5  | 50.4   | 27.3   | 20.4   | 42.9   |
| 1953 | 33.9             | 27.6   | 36.5 | 42.1 | 47.9   | 58.5 | 69.7 | 65.4 | 60.0  | 48.9   | 37.1   | 25.5   | 46.1   |
| 1954 | 27.3             | 33.3   | 32.6 | 46.1 | 55.5   | 57.0 | 69.4 | 63.4 | 57.8  | (45.5) | 38.1   | 18.6   | 45.4   |
| 1955 | 14.2             | 20.6   | 28.9 | 39.4 | 51.3   | 59.5 | 65.7 | 68.9 | 57.1  | 47.8   | 27.8   | 25.8   | 42.3   |
| 1956 | 20.4             | 16.8   | 33.2 | 45.1 | 54.3   | 61.2 | 67.9 | 63.8 | 58.7  | 45.0   | 27.0   | 24.4   | 43.2   |
| 1957 | 10.7             | 29.4   | 35.5 | 43.4 | 53.9   | 59.7 | 67.9 | 66.6 | 59.4  | 45.4   | 27.1   | 23.3   | 43.5   |
| 1958 | 16.2             | 28.6   | 31.2 | 41.3 | 58.7   | 60.9 | 66.0 | 69.0 | 58.3  | 48.6   | 33.7   | (28.0) | 45.0   |
| 1959 | 23.9             | 27.6   | 34.9 | 45.0 | 47.7   | 62.7 | 70.3 | 65.1 | 56.0  | 46.6   | 33.8   | 22.1   | 44.6   |
| 1960 | 15.2             | 18.6   | 32.4 | 46.1 | 51.4   | 63.2 | 73.0 | 65.6 | 61.7  | 47.7   | 33.6   | 22.6   | 44.3   |
| 1961 | 23.6             | 34.1   | 37.9 | 43.7 | 53.4   | 66.2 | 71.3 | 72.4 | 53.2  | 45.2   | 31.1   | 21.5   | 46.1   |
| 1962 | 16.0             | 26.1   | 32.1 | 48.1 | 51.9   | 61.4 | 66.4 | 64.6 | 59.8  | 49.1   | 35.6   | 27.5   | 44.9   |
| 1963 | 17.8             | 37.7   | 36.8 | 41.9 | 55.6   | 57.2 | 67.7 | 68.4 | 61.7  | 51.8   | (33.0) | 19.8   | 45.8   |
| 1964 | 17.8             | 21.8   | 29.7 | 44.2 | 53.2   | 58.8 | 71.3 | 65.2 | 56.2  | 48.9   | 32.9   | 23.6   | 43.6   |
| 1965 | 22.8             | 27.6   | 31.1 | 46.1 | 50.4   | 60.1 | 67.0 | 64.0 | 51.4  | 50.6   | 38.3   | 23.9   | 44.4   |
| 1966 | 25.0             | 27.3   | 36.8 | 46.3 | 58.7   | 61.3 | 70.7 | 68.2 | 62.6  | 47.8   | 35.9   | 23.3   | 47.0   |
| 1967 | 28.5             | 30.6   | 36.6 | 40.4 | 54.2   | 60.9 | 71.3 | 70.7 | 62.5  | 46.6   | 35.3   | 20.5   | 46.5   |
| 1968 | 20.1             | 30.4   | 41.8 | 43.8 | 52.1   | 60.9 | 69.8 | 62.8 | 56.3  | 45.3   | 33.7   | 22.4   | 45.0   |
| 1969 | 27.6             | 24.9   | 31.4 | 47.8 | 59.0   | 60.2 | 68.1 | 70.4 | 59.6  | 42.0   | 36.8   | 25.8   | 46.1   |
| 1970 | 26.8             | 34.6   | 34.8 | 39.4 | 54.4   | 64.3 | 69.5 | 70.5 | 54.1  | 43.7   | 35.0   | 20.5   | 45.6   |
| 1971 | 25.2             | 29.5   | 32.9 | 42.2 | 52.4   | 59.0 | 68.3 | 71.2 | 53.6  | 45.1   | 33.1   | 18.8   | 44.3   |
| 1972 | 20.6             | 26.9   | 39.9 | 42.1 | 54.2   | 65.2 | 69.3 | 70.2 | 56.8  | 48.2   | 33.1   | 15.6   | 45.2   |
| 1973 | 20.0             | 27.4   | 35.2 | 42.1 | 53.9   | 60.7 | 68.5 | 65.3 | 55.5  | 46.7   | 30.8   | 25.6   | 44.3   |
| 1974 | 17.5             | 28.0   | 32.6 | 44.9 | 49.5   | 65.9 | 69.3 | 63.7 | 58.1  | 46.2   | 32.1   | 22.0   | 44.2   |
| 1975 | 19.8             | 22.6   | 31.1 | 36.9 | (49.0) | 57.3 | 71.2 | 62.6 | 57.4  | 43.6   | 28.1   | 27.0   | 42.2   |
| 1976 | 20.5             | 23.7   | 29.5 | 41.9 | 54.3   | 58.4 | 69.6 | 61.0 | 56.5  | 44.3   | 32.9   | 23.7   | 43.0   |
| 1977 | 18.3             | 30.8   | 32.0 | 48.8 | 48.8   | 65.1 | 66.4 | 66.2 | 55.6  | 45.7   | 32.1   | 26.1   | 44.7   |
| 1978 | 23.9             | 25.7   | 38.6 | 44.5 | 48.3   | 60.1 | 66.5 | 64.0 | 55.4  | 47.7   | 30.5   | 16.9   | 43.5   |
| 1979 | 5.8              | 26.7   | 37.6 | 42.8 | 54.0   | 62.4 | 69.9 | 65.3 | 61.8  | 48.9   | 26.8   | 27.9   | 44.2   |
| 1980 | 18.4             | 27.8   | 34.4 | 46.9 | 52.4   | 58.5 | 68.1 | 63.2 | 55.9  | 44.7   | 33.8   | 29.8   | 44.5   |
| 1981 | 26.7             | 30.7   | 38.5 | 45.0 | 50.5   | 59.2 | 68.0 | 70.0 | 59.4  | 42.1   | 33.4   | 23.3   | 45.6   |
| 1982 | 17.1             | 21.0   | 35.8 | 37.6 | 51.4   | 60.1 | 65.6 | 68.5 | 55.2  | 41.7   | 27.9   | 21.8   | 42.0   |
| 1983 | 27.6             | 29.6   | 37.2 | 40.2 | 51.2   | 59.6 | 65.3 | 68.5 | 56.9  | 46.2   | 31.2E  | 8.8    | 43.5   |
| 1984 | 14.5             | 19.7   | 33.5 | 40.8 | 52.2   | 57.2 | 68.8 | 67.6 | 53.8  | 41.3   | 30.1   | 13.3   | 41.1   |
| 1985 | 15.7             | 16.4   | 28.8 | 47.8 | 54.2   | 63.1 | 73.4 | 64.3 | 50.6  | 43.6   | 21.8   | 7.2    | 40.6   |
| 1986 | 16.8             | 29.2   | 41.1 | 44.9 | 52.9   | 65.3 | 64.7 | 69.2 | 50.6  | 45.3   | 33.9   | 21.2   | 44.6   |
| 1987 | 21.2             | 28.7   | 36.9 | 49.9 | 55.5   | 62.2 | 64.4 | 63.5 | 60.5  |        |        |        |        |

(con.)

**Table 24 (Con.)**  
**Challis, ID (Con.)**

|                  | Mean temperature |      |      |      |      |      |      |      |       |      |      |      |        |
|------------------|------------------|------|------|------|------|------|------|------|-------|------|------|------|--------|
| Year             | Jan.             | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
| ----- °F -----   |                  |      |      |      |      |      |      |      |       |      |      |      |        |
| 10-year averages |                  |      |      |      |      |      |      |      |       |      |      |      |        |
| 1931-40          | 19.4             | 24.2 | 36.4 | 45.2 | 54.0 | 61.5 | 68.9 | 66.5 | 57.3  | 47.4 | 32.2 | 23.2 | 44.7   |
| 1941-50          | 16.7             | 25.7 | 33.9 | 44.4 | 51.9 | 57.9 | 67.1 | 65.4 | 56.6  | 46.9 | 33.5 | 22.4 | 43.5   |
| 1951-60          | 19.6             | 25.0 | 32.3 | 44.2 | 52.7 | 59.8 | 68.3 | 65.7 | 58.6  | 47.0 | 31.7 | 23.2 | 44.0   |
| 1961-70          | 22.6             | 29.5 | 34.9 | 44.2 | 54.3 | 61.1 | 69.3 | 67.7 | 57.7  | 47.1 | 34.8 | 22.9 | 45.5   |
| 1971-80          | 19.0             | 26.9 | 34.4 | 43.3 | 51.7 | 61.3 | 68.7 | 65.3 | 56.7  | 46.1 | 31.3 | 23.3 | 44.0   |
| 30-year averages |                  |      |      |      |      |      |      |      |       |      |      |      |        |
| 1931-60          | 18.6             | 25.0 | 34.2 | 44.6 | 52.9 | 59.7 | 68.1 | 65.9 | 57.5  | 47.1 | 32.5 | 22.9 | 44.1   |
| 1941-70          | 19.6             | 26.7 | 33.7 | 44.3 | 52.9 | 59.6 | 68.2 | 66.3 | 57.7  | 47.0 | 33.3 | 22.8 | 44.4   |
| 1951-80          | 20.4             | 27.1 | 33.8 | 43.9 | 52.9 | 60.7 | 68.8 | 66.2 | 57.7  | 46.7 | 32.6 | 23.1 | 44.5   |

<sup>1</sup>Change to 0800 observation time may result in an overall mean temperature decrease of at least 1.0 °F.

Table 25—Afternoon dry bulb temperature (°F) and relative humidity (percent) statistics for fire season. Based on years 1964-83; 1951-70 data included for comparison at Forest Service Northern Region stations (see text). Based mostly on 1300 m.s.t. observation time at Intermountain Region stations; 1600 m.s.t. through 1973 and 1300 thereafter at Northern Region stations. Letter M used as in table 21

| DRY BULB TEMPERATURE                  |     |      |      |        |          |           |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |       |      |        |  |        |      |      |        |        |
|---------------------------------------|-----|------|------|--------|----------|-----------|---|--|--|----------------------------------------------|-------|------|--------|--|--------|------|------|--------|--------|
| STATION NUMBER 101039 CAMPBELLS FLRRY |     |      |      |        |          |           |   |  |  | 1964-1978                                    |       |      |        |  |        |      |      |        |        |
| 10-DAY AND MONTHLY PERIOD MEANS       |     |      |      |        |          |           |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |       |      |        |  |        |      |      |        |        |
| PRD.                                  | NO. |      | STD. |        | HIGHEST  | LOWEST    |   |  |  | HIGH,YR                                      | AVG.  | STD. | MEDIAN |  | LOW,YR | AVG. | STD. | MEDIAN | PRD.   |
| BEGINS                                | YRS | MEAN | DEV. | MEDIAN | AVG,YR   | AVG,YR    |   |  |  |                                              | HIGH  | DEV. | HIGH   |  |        | LOW  | DEV. | LOW    | BEGINS |
| MAY 1                                 | 9   | 65.5 | 6.3  | 64.0   | 75.0 71  | 56.7 75 M | I |  |  | 88 69                                        | 78.9  | 6.6  | 78.0   |  | 41 68  | 49.8 | 6.1  | 50.0   | MAY 1  |
| MAY 11                                | 9   | 68.1 | 7.0  | 67.0   | 83.3 73  | 58.9 77   | I |  |  | 91 73                                        | 83.0  | 6.1  | 85.0   |  | 42 75  | 51.3 | 6.6  | 49.0   | MAY 11 |
| MAY 21                                | 10  | 70.9 | 5.7  | 70.5   | 79.9 69  | 61.8 78   | I |  |  | 98 66                                        | 85.0  | 6.6  | 84.0   |  | 46 78  | 52.7 | 4.7  | 53.5   | MAY 21 |
| JUN 1                                 | 13  | 75.0 | 6.4  | 72.0   | 85.8 65  | 68.3 71   | I |  |  | 100 69                                       | 88.0  | 7.3  | 88.0   |  | 53 71  | 59.3 | 6.1  | 57.0   | JUN 1  |
| JUN 11                                | 13  | 76.1 | 6.2  | 76.0   | 87.6 74  | 65.5 76   | I |  |  | 99 65                                        | 90.5  | 6.0  | 92.0   |  | 49 73  | 60.2 | 6.5  | 61.0   | JUN 11 |
| JUN 21                                | 13  | 79.8 | 6.3  | 79.0   | 89.1 74  | 64.9 69   | I |  |  | 104 70                                       | 93.1  | 6.3  | 96.0   |  | 48 70  | 60.7 | 10.7 | 55.0   | JUN 21 |
| JUL 1                                 | 15  | 86.1 | 7.0  | 89.0   | 86.9 68  | 73.4 77   | I |  |  | 103 68                                       | 95.3  | 7.0  | 98.0   |  | 56 77  | 71.9 | 8.1  | 73.0   | JUL 1  |
| JUL 11                                | 15  | 88.8 | 5.0  | 91.0   | 95.6 66  | 78.9 76   | I |  |  | 108 67                                       | 99.2  | 5.0  | 100.0  |  | 55 72  | 74.0 | 8.6  | 76.0   | JUL 11 |
| JUL 21                                | 15  | 91.1 | 4.8  | 91.0   | 97.5 69  | 82.4 76   | I |  |  | 108 68                                       | 99.7  | 4.8  | 100.0  |  | 61 75  | 75.5 | 9.8  | 74.0   | JUL 21 |
| AUG 1                                 | 15  | 91.2 | 6.0  | 92.0   | 97.6 69  | 76.5 76   | I |  |  | 111 66                                       | 99.9  | 6.9  | 100.0  |  | 65 74  | 77.5 | 7.6  | 79.0   | AUG 1  |
| AUG 11                                | 15  | 87.1 | 10.4 | 88.0   | 101.5 67 | 69.0 68   | I |  |  | 106 70                                       | 98.0  | 7.1  | 100.0  |  | 54 74  | 73.4 | 14.3 | 76.0   | AUG 11 |
| AUG 21                                | 15  | 83.0 | 9.6  | 80.0   | 98.5 70  | 70.2 77   | I |  |  | 108 69                                       | 93.6  | 9.2  | 94.0   |  | 53 64  | 68.1 | 11.8 | 66.0   | AUG 21 |
| SEP 1                                 | 15  | 78.9 | 6.5  | 77.0   | 93.4 66  | 70.2 70   | I |  |  | 101 69                                       | 90.9  | 6.7  | 91.0   |  | 53 64  | 61.9 | 7.9  | 59.0   | SEP 1  |
| SEP 11                                | 14  | 70.2 | 6.0  | 72.0   | 80.8 67  | 60.3 78 M | I |  |  | 93 67                                        | 81.6  | 6.6  | 81.5   |  | 47 68  | 56.6 | 6.7  | 54.5   | SEP 11 |
| SEP 21                                | 12  | 71.7 | 7.0  | 70.5   | 86.1 67  | 60.9 72   | I |  |  | 99 67                                        | 82.2  | 7.9  | 81.0   |  | 42 68  | 56.6 | 8.9  | 57.5   | SEP 21 |
| OCT 1                                 | 9   | 64.5 | 5.4  | 64.0   | 70.6 66  | 55.5 69   | I |  |  | 80 64                                        | 75.1  | 4.1  | 75.0   |  | 45 70  | 52.0 | 6.8  | 51.0   | OCT 1  |
| OCT 11                                | 7   | 59.8 | 4.9  | 60.0   | 66.5 72  | 53.3 68   | I |  |  | 76 64                                        | 67.9  | 5.1  | 67.0   |  | 41 68  | 50.4 | 7.3  | 51.0   | OCT 11 |
| OCT 21                                | 7   | 54.3 | 4.0  | 53.0   | 59.0 64  | 47.5 70   | I |  |  | 68 72                                        | 63.3  | 4.9  | 64.0   |  | 41 70  | 44.9 | 4.7  | 43.0   | OCT 21 |
| MONTH                                 |     |      |      |        |          |           |   |  |  | MONTH                                        |       |      |        |  |        |      |      |        |        |
| MAY                                   | 8   | 68.5 | 5.2  | 69.0   | 75.3 69  | 61.0 78   | I |  |  | 98 66                                        | 86.0  | 4.1  | 86.0   |  | 41 68  | 48.0 | 4.2  | 48.5   | MAY    |
| JUN                                   | 13  | 77.0 | 3.4  | 76.0   | 82.5 74  | 69.4 76   | I |  |  | 104 70                                       | 96.0  | 4.7  | 96.0   |  | 48 70  | 54.2 | 4.2  | 54.0   | JUN    |
| JUL                                   | 15  | 88.7 | 4.6  | 90.0   | 94.1 67  | 80.7 77   | I |  |  | 108 68                                       | 100.9 | 4.7  | 100.0  |  | 55 72  | 66.7 | 6.8  | 67.0   | JUL    |
| AUG                                   | 15  | 87.0 | 7.4  | 84.0   | 98.1 67  | 76.3 76   | I |  |  | 111 66                                       | 101.1 | 6.9  | 100.0  |  | 53 64  | 65.1 | 10.2 | 62.0   | AUG    |
| SEP                                   | 12  | 73.9 | 5.6  | 72.0   | 85.5 67  | 67.3 70   | I |  |  | 101 69                                       | 91.2  | 6.3  | 91.0   |  | 42 68  | 53.4 | 7.1  | 53.0   | SEP    |
| OCT                                   | 7   | 59.4 | 3.3  | 59.0   | 64.6 64  | 55.7 69   | I |  |  | 80 64                                        | 75.4  | 4.7  | 78.0   |  | 41 70  | 43.3 | 3.6  | 42.0   | OCT    |

| RELATIVE HUMIDITY                     |     |      |      |        |           |         |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |      |        |  |        |      |      |        |        |
|---------------------------------------|-----|------|------|--------|-----------|---------|---|--|--|----------------------------------------------|------|------|--------|--|--------|------|------|--------|--------|
| STATION NUMBER 101039 CAMPBELLS FLRRY |     |      |      |        |           |         |   |  |  | 1964-1978                                    |      |      |        |  |        |      |      |        |        |
| 10-DAY AND MONTHLY PERIOD MEANS       |     |      |      |        |           |         |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |      |        |  |        |      |      |        |        |
| PRD.                                  | NO. |      | STD. |        | HIGHEST   | LOWEST  |   |  |  | HIGH,YR                                      | AVG. | STD. | MEDIAN |  | LOW,YR | AVG. | STD. | MEDIAN | PRD.   |
| BEGINS                                | YRS | MEAN | DEV. | MEDIAN | AVG,YR    | AVG,YR  |   |  |  |                                              | HIGH | DEV. | HIGH   |  |        | LOW  | DEV. | LOW    | BEGINS |
| MAY 1                                 | 9   | 39.1 | 8.3  | 38.0   | 55.6 75 M | 28.2 71 | I |  |  | 93 75                                        | 74.2 | 14.9 | 72.0   |  | 12 71  | 17.4 | 5.9  | 14.0   | MAY 1  |
| MAY 11                                | 9   | 38.1 | 10.5 | 40.0   | 51.7 78   | 16.4 73 | I |  |  | 87 70                                        | 67.0 | 18.0 | 75.0   |  | 8 73   | 17.3 | 5.9  | 15.0   | MAY 11 |
| MAY 21                                | 10  | 35.2 | 6.3  | 36.0   | 43.1 77   | 23.5 69 | I |  |  | 94 66                                        | 70.0 | 14.2 | 70.5   |  | 11 74  | 17.0 | 5.0  | 16.0   | MAY 21 |
| JUN 1                                 | 13  | 37.0 | 8.9  | 38.0   | 50.5 71   | 24.2 73 | I |  |  | 90 77                                        | 69.5 | 19.3 | 77.0   |  | 9 73   | 17.2 | 4.8  | 17.0   | JUN 1  |
| JUN 11                                | 13  | 37.6 | 10.1 | 40.0   | 55.8 76   | 23.5 69 | I |  |  | 89 74                                        | 76.0 | 15.1 | 82.0   |  | 12 69  | 18.8 | 5.3  | 19.0   | JUN 11 |
| JUN 21                                | 13  | 33.0 | 7.9  | 32.0   | 53.5 69   | 21.1 74 | I |  |  | 93 70                                        | 64.2 | 19.7 | 71.0   |  | 10 77  | 14.9 | 3.0  | 15.0   | JUN 21 |
| JUL 1                                 | 15  | 27.3 | 9.7  | 25.0   | 51.0 78   | 14.5 66 | I |  |  | 83 77                                        | 52.0 | 19.3 | 51.0   |  | 8 72   | 15.5 | 9.5  | 13.0   | JUL 1  |
| JUL 11                                | 15  | 25.5 | 8.3  | 23.0   | 46.8 76   | 14.8 66 | I |  |  | 95 76                                        | 49.0 | 19.5 | 46.0   |  | 5 73   | 13.1 | 6.0  | 12.0   | JUL 11 |
| JUL 21                                | 15  | 21.8 | 7.5  | 19.0   | 37.4 76   | 12.6 66 | I |  |  | 90 76                                        | 50.3 | 23.3 | 56.0   |  | 6 73   | 10.7 | 4.7  | 9.0    | JUL 21 |
| AUG 1                                 | 15  | 21.3 | 9.1  | 19.0   | 46.8 76   | 9.0 69  | I |  |  | 85 74                                        | 43.9 | 19.2 | 39.0   |  | 6 64   | 11.3 | 5.8  | 9.0    | AUG 1  |
| AUG 11                                | 15  | 25.9 | 15.5 | 25.0   | 58.4 68   | 8.3 73  | I |  |  | 89 68                                        | 50.5 | 28.8 | 56.0   |  | 5 73   | 11.5 | 6.8  | 9.0    | AUG 11 |
| AUG 21                                | 15  | 27.9 | 12.3 | 30.0   | 47.5 75   | 9.9 69  | I |  |  | 89 77                                        | 60.0 | 27.0 | 65.0   |  | 5 69   | 13.8 | 8.2  | 10.0   | AUG 21 |
| SEP 1                                 | 15  | 29.8 | 9.3  | 28.0   | 46.6 70   | 12.8 66 | I |  |  | 95 70                                        | 63.0 | 25.2 | 65.0   |  | 5 66   | 15.1 | 7.0  | 13.0   | SEP 1  |
| SEP 11                                | 14  | 37.1 | 12.6 | 35.5   | 61.7 68   | 16.0 71 | I |  |  | 94 78                                        | 68.2 | 23.7 | 76.5   |  | 9 71   | 19.6 | 8.0  | 18.5   | SEP 11 |
| SEP 21                                | 12  | 33.9 | 8.7  | 34.0   | 47.5 76   | 18.2 74 | I |  |  | 92 68                                        | 67.5 | 21.9 | 74.5   |  | 7 74   | 18.6 | 8.5  | 17.0   | SEP 21 |
| OCT 1                                 | 9   | 44.0 | 11.2 | 47.0   | 58.8 69   | 27.2 78 | I |  |  | 93 75                                        | 76.3 | 17.5 | 81.0   |  | 16 64  | 24.7 | 5.8  | 24.0   | OCT 1  |
| OCT 11                                | 7   | 42.2 | 9.7  | 40.0   | 60.0 68   | 32.4 69 | I |  |  | 93 75                                        | 70.9 | 14.5 | 69.0   |  | 13 64  | 23.7 | 6.4  | 24.0   | OCT 11 |
| OCT 21                                | 7   | 53.7 | 5.9  | 55.0   | 61.0 66 M | 44.2 72 | I |  |  | 93 70                                        | 81.3 | 12.2 | 84.0   |  | 31 72  | 36.6 | 5.0  | 36.0   | OCT 21 |
| MONTH                                 |     |      |      |        |           |         |   |  |  | MONTH                                        |      |      |        |  |        |      |      |        |        |
| MAY                                   | 8   | 36.8 | 6.6  | 37.0   | 45.1 77   | 26.0 73 | I |  |  | 94 66                                        | 79.5 | 8.8  | 80.0   |  | 8 73   | 14.1 | 4.3  | 13.0   | MAY    |
| JUN                                   | 13  | 35.9 | 4.5  | 35.0   | 43.3 76   | 27.5 74 | I |  |  | 93 70                                        | 85.1 | 4.9  | 87.0   |  | 9 73   | 13.8 | 3.1  | 14.0   | JUN    |
| JUL                                   | 15  | 24.8 | 7.4  | 23.0   | 38.9 76   | 13.9 66 | I |  |  | 95 76                                        | 64.9 | 18.3 | 63.0   |  | 5 73   | 10.1 | 4.8  | 8.0    | JUL    |
| AUG                                   | 15  | 25.1 | 10.1 | 26.0   | 42.2 76   | 11.2 69 | I |  |  | 89 77                                        | 69.8 | 23.8 | 85.0   |  | 5 73   | 9.9  | 6.1  | 8.0    | AUG    |
| SEP                                   | 12  | 32.7 | 7.3  | 31.5   | 46.1 68   | 21.1 74 | I |  |  | 95 70                                        | 76.3 | 18.7 | 81.5   |  | 5 66   | 12.1 | 5.7  | 10.5   | SEP    |
| OCT                                   | 7   | 46.7 | 5.6  | 49.0   | 53.6 68   | 39.1 64 | I |  |  | 93 75                                        | 88.4 | 4.4  | 88.0   |  | 13 64  | 21.7 | 5.7  | 22.0   | OCT    |

(con.)

Table 25 (Con.)

## DRY BULB TEMPERATURE

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101019 HELLS HALF ACRE LO<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                   |                  | 1964-1983<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |              |              |                |        |             |              |               |                |  |       |  |
|-----------------------------------------------------------------------------|------------|------|--------------|--------|-------------------|------------------|------------------------------------------------------|--------------|--------------|----------------|--------|-------------|--------------|---------------|----------------|--|-------|--|
| PRD.<br>BEGINS                                                              | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG.YR | LOWEST<br>AVG.YR | HIGH.YR                                              | AVG.<br>HIGH | STD.<br>DEV. | MEDIAN<br>HIGH | LOW.YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRO.<br>BEGINS |  |       |  |
| JUL 1                                                                       | 14         | 61.3 | 5.3          | 62.0   | 69.5 75           | 53.2 77          | 80 73                                                | 72.6         | 4.3          | 73.5           | 31 81  | 46.4        | 8.6          | 46.5          | JUL 1          |  |       |  |
| JUL 11                                                                      | 20         | 63.2 | 5.1          | 63.0   | 70.7 66           | 52.3 83          | 79 67                                                | 73.3         | 3.9          | 74.5           | 29 83  | 48.1        | 8.9          | 47.5          | JUL 11         |  |       |  |
| JUL 21                                                                      | 20         | 66.5 | 4.1          | 66.5   | 73.7 66           | 59.4 77          | 81 66                                                | 75.1         | 3.2          | 75.0           | 42 75  | 55.6        | 8.3          | 56.0          | JUL 21         |  |       |  |
| AUG 1                                                                       | 20         | 66.2 | 5.1          | 66.0   | 71.8 71           | 54.7 76          | 83 66                                                | 75.2         | 4.3          | 76.5           | 36 80  | 54.9        | 8.4          | 57.0          | AUG 1          |  |       |  |
| AUG 11                                                                      | 19         | 63.2 | 7.2          | 64.0   | 75.6 67           | 47.6 78          | 81 71                                                | 72.7         | 5.3          | 73.0           | 29 64  | 50.8        | 10.4         | 52.0          | AUG 11         |  |       |  |
| AUG 21                                                                      | 18         | 60.3 | 8.1          | 61.5   | 71.5 70           | 46.5 77          | 83 69                                                | 71.6         | 6.8          | 71.0           | 28 64  | 45.9        | 10.6         | 47.5          | AUG 21         |  |       |  |
| SEP 1                                                                       | 14         | 57.3 | 5.8          | 57.5   | 66.9 66           | 48.2 64          | 77 73                                                | 69.0         | 5.2          | 69.0           | 32 64  | 40.7        | 8.1          | 37.0          | SEP 1          |  |       |  |
| MONTH                                                                       |            |      |              |        |                   |                  |                                                      |              |              |                |        |             |              |               |                |  | MONTH |  |
| JUL                                                                         | 14         | 63.8 | 3.8          | 64.0   | 69.6 66           | 57.3 83 M        | 81 66                                                | 76.6         | 2.7          | 77.0           | 29 83  | 42.2        | 7.4          | 42.5          | JUL            |  |       |  |
| AUG                                                                         | 18         | 63.3 | 5.3          | 64.0   | 72.4 67           | 54.5 75          | 83 69                                                | 76.6         | 4.2          | 77.5           | 28 64  | 43.3        | 8.8          | 44.5          | AUG            |  |       |  |

## RELATIVE HUMIDITY

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101019 HELLS HALF ACRE LO<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                   |                  | 1964-1983<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |              |              |                |        |             |              |               |                |  |       |  |
|-----------------------------------------------------------------------------|------------|------|--------------|--------|-------------------|------------------|------------------------------------------------------|--------------|--------------|----------------|--------|-------------|--------------|---------------|----------------|--|-------|--|
| PRO.<br>BEGINS                                                              | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG.YR | LOWEST<br>AVG.YR | HIGH.YR                                              | AVG.<br>HIGH | STD.<br>DEV. | MEDIAN<br>HIGH | LOW.YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRO.<br>BEGINS |  |       |  |
| JUL 1                                                                       | 14         | 47.7 | 9.2          | 45.0   | 62.4 78           | 37.3 67          | 100 83                                               | 80.3         | 14.4         | 81.5           | 19 67  | 26.0        | 6.3          | 25.5          | JUL 1          |  |       |  |
| JUL 11                                                                      | 20         | 45.3 | 12.1         | 43.0   | 69.5 75           | 24.1 66          | 100 83                                               | 76.2         | 20.4         | 79.0           | 13 66  | 26.4        | 11.3         | 23.5          | JUL 11         |  |       |  |
| JUL 21                                                                      | 20         | 39.9 | 10.4         | 38.5   | 56.2 77           | 17.1 66          | 100 76                                               | 68.8         | 21.1         | 73.0           | 9 66   | 23.2        | 7.8          | 22.0          | JUL 21         |  |       |  |
| AUG 1                                                                       | 20         | 39.0 | 12.4         | 37.5   | 65.7 74           | 19.3 69          | 100 74                                               | 64.2         | 23.1         | 65.5           | 11 67  | 21.8        | 7.8          | 20.0          | AUG 1          |  |       |  |
| AUG 11                                                                      | 19         | 42.1 | 16.2         | 43.0   | 64.5 78           | 16.5 67          | 100 78                                               | 70.5         | 24.6         | 79.0           | 10 67  | 22.1        | 8.6          | 23.0          | AUG 11         |  |       |  |
| AUG 21                                                                      | 18         | 45.8 | 16.1         | 44.5   | 71.6 77           | 20.2 69          | 100 77                                               | 79.7         | 18.0         | 83.5           | 8 66   | 25.2        | 11.6         | 26.0          | AUG 21         |  |       |  |
| SEP 1                                                                       | 14         | 44.9 | 12.1         | 42.5   | 63.1 64           | 22.6 66          | 100 75                                               | 78.4         | 20.8         | 83.5           | 8 66   | 24.7        | 9.4          | 24.0          | SEP 1          |  |       |  |
| MONTH                                                                       |            |      |              |        |                   |                  |                                                      |              |              |                |        |             |              |               |                |  | MONTH |  |
| JUL                                                                         | 14         | 43.5 | 9.8          | 41.0   | 57.0 65           | 26.0 66          | 100 83                                               | 89.9         | 8.5          | 93.5           | 9 66   | 19.9        | 5.7          | 19.0          | JUL            |  |       |  |
| AUG                                                                         | 18         | 42.3 | 12.5         | 44.0   | 61.9 65           | 20.5 67          | 100 78                                               | 85.1         | 16.0         | 87.0           | 8 66   | 17.6        | 6.3          | 16.0          | AUG            |  |       |  |

## DRY BULB TEMPERATURE

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101019 HELLS HALF ACRE LO |     |      |      |        |         |         | 1954-1970                               |       |      |        |       |       |      |        |        |        |
|------------------------------------------|-----|------|------|--------|---------|---------|-----------------------------------------|-------|------|--------|-------|-------|------|--------|--------|--------|
| 10-DAY AND MONTHLY PERIOD MEANS          |     |      |      |        |         |         | 10-DAY AND MONTHLY EXTREME DAILY VALUES |       |      |        |       |       |      |        |        |        |
| PRD.                                     | NO. |      |      |        |         |         |                                         |       |      |        |       |       |      |        |        |        |
| BEGINS                                   | YRS | MEAN | STD. | MEDIAN | HIGHEST | LOWEST  | HIGH                                    | AVG.  | STD. | MEDIAN | LOW   | AVG.  | STD. | MEDIAN | PRD.   |        |
|                                          |     |      | DEV. |        | AVG.YR  | AVG.YR  | YR                                      | HIGH  | DEV. | HIGH   | YR    | LOW   | DEV. | LOW    | BEGINS |        |
| JUL                                      | 1   | 13   | 61.5 | 4.1    | 63.0    | 66.6 60 | 54.9 59                                 | 79 56 | 73.5 | 3.2    | 74.0  | 33 59 | 47.6 | 8.1    | 47.0   | JUL 1  |
| JUL                                      | 11  | 16   | 67.2 | 4.4    | 67.5    | 77.0 60 | 59.0 62                                 | 86 60 | 76.1 | 3.6    | 75.0  | 43 70 | 55.3 | 7.1    | 55.5   | JUL 11 |
| JUL                                      | 21  | 16   | 68.2 | 3.7    | 68.0    | 73.7 66 | 60.6 70                                 | 83 59 | 76.8 | 3.1    | 76.5  | 37 54 | 55.9 | 7.7    | 56.0   | JUL 21 |
| AUG                                      | 1   | 17   | 67.3 | 4.6    | 66.0    | 74.1 61 | 55.9 56                                 | 83 66 | 76.4 | 4.4    | 77.0  | 41 62 | 54.3 | 8.4    | 55.0   | AUG 1  |
| AUG                                      | 11  | 16   | 65.9 | 6.0    | 67.0    | 75.6 67 | 50.1 54                                 | 80 67 | 75.1 | 3.7    | 75.5  | 29 64 | 51.6 | 10.3   | 53.0   | AUG 11 |
| AUG                                      | 21  | 15   | 60.0 | 8.2    | 59.0    | 71.5 70 | 49.0 60                                 | 83 69 | 72.7 | 6.1    | 74.0  | 28 64 | 44.8 | 11.8   | 40.0   | AUG 21 |
| MONTH                                    |     |      |      |        |         |         |                                         |       |      |        |       |       |      |        |        |        |
| JUL                                      | 15  | 66.0 | 2.9  | 65.0   | 72.2 60 | 60.7 62 | 86 60                                   | 78.1  | 3.3  | 78.0   | 33 59 | 45.5  | 7.4  | 46.0   | JUL    |        |
| AUG                                      | 15  | 64.2 | 5.2  | 65.0   | 72.4 67 | 56.5 54 | 83 69                                   | 78.4  | 3.2  | 78.0   | 28 64 | 43.1  | 9.4  | 40.0   | AUG    |        |

## RELATIVE HUMIDITY

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101019 HELLS HALF ACRE LO |         |      |           |        |                |               | 1954-1970                               |           |           |             |        |          |           |            |             |       |
|------------------------------------------|---------|------|-----------|--------|----------------|---------------|-----------------------------------------|-----------|-----------|-------------|--------|----------|-----------|------------|-------------|-------|
| 10-DAY AND MONTHLY PERIOD MEANS          |         |      |           |        |                |               | 10-DAY AND MONTHLY EXTREME DAILY VALUES |           |           |             |        |          |           |            |             |       |
| PRD. BEGINS                              | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR | HIGH.YR                                 | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |       |
| JUL 1                                    | 13      | 48.0 | 10.4      | 46.0   | 68.9 58        | 33.4 60       | 94 70                                   | 79.9      | 14.7      | 86.0        | 15 61  | 26.2     | 8.4       | 24.0       | JUL 1       |       |
| JUL 11                                   | 16      | 39.3 | 10.7      | 42.0   | 60.3 65        | 20.8 60       | 94 55                                   | 65.2      | 20.4      | 70.0        | 9 60   | 21.9     | 8.0       | 22.0       | JUL 11      |       |
| JUL 21                                   | 16      | 36.8 | 9.4       | 37.0   | 51.5 65        | 17.1 66       | 92 54                                   | 67.5      | 18.7      | 70.5        | 9 66   | 19.7     | 6.4       | 18.5       | JUL 21      |       |
| AUG 1                                    | 17      | 38.0 | 12.2      | 35.0   | 58.2 65        | 19.3 69       | 100 62                                  | 69.2      | 25.1      | 76.0        | 11 67  | 19.2     | 5.8       | 19.0       | AUG 1       |       |
| AUG 11                                   | 16      | 37.3 | 14.3      | 35.5   | 71.2 54        | 16.5 67       | 100 65                                  | 68.6      | 25.5      | 69.0        | 10 67  | 20.0     | 7.4       | 18.5       | AUG 11      |       |
| AUG 21                                   | 15      | 46.4 | 17.2      | 51.0   | 70.7 54        | 20.2 69       | 100 64                                  | 83.3      | 22.2      | 93.0        | 8 66   | 19.6     | 7.5       | 17.0       | AUG 21      |       |
| MONTH                                    |         |      |           |        |                |               |                                         |           |           |             |        |          |           |            |             | MONTH |
| JUL                                      | 15      | 41.3 | 8.8       | 42.0   | 57.0 65        | 26.0 66       | 94 70                                   | 86.3      | 8.7       | 91.0        | 9 66   | 17.6     | 5.9       | 18.0       | JUL         |       |
| AUG                                      | 15      | 40.8 | 12.6      | 42.0   | 61.9 65        | 20.5 67       | 100 65                                  | 89.1      | 17.6      | 93.0        | 8 66   | 16.0     | 5.0       | 16.0       | AUG         |       |

(con.)

Table 25 (Con.)

| DRY BULB TEMPERATURE               |     |      |           |        |         |         |     |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |             |        |          |               |  |  |  |             |
|------------------------------------|-----|------|-----------|--------|---------|---------|-----|--|--|----------------------------------------------|-----------|-------------|--------|----------|---------------|--|--|--|-------------|
| STATION NUMBER 101032 RED RIVER RS |     |      |           |        |         |         |     |  |  | 1964-1983                                    |           |             |        |          |               |  |  |  |             |
| 10-DAY AND MONTHLY PERIOD MEANS    |     |      |           |        |         |         |     |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |             |        |          |               |  |  |  |             |
| PRD. NO.                           | NO. | MEAN | STD. DEV. | MEDIAN | HIGHEST | LOWEST  |     |  |  | AVG. HIGH                                    | STD. DEV. | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. LOW |  |  |  | PRD. BEGINS |
| BEGINS YRS                         |     |      |           |        | AVG.YR  | AVG.YR  |     |  |  | HIGH.YR                                      |           |             |        |          |               |  |  |  |             |
| MAY 11                             | 13  | 58.9 | 6.4       | 58.0   | 72.8 73 | 47.7 78 | I   |  |  | 81 73                                        | 73.5      | 6.2 74.0    | 36 82  | 43.2     | 5.9 42.0      |  |  |  | MAY 11      |
| MAY 21                             | 13  | 59.8 | 7.3       | 59.0   | 75.0 83 | 48.1 78 | I   |  |  | 85 83                                        | 76.2      | 7.9 79.0    | 38 80  | 43.9     | 5.8 44.0      |  |  |  | MAY 21      |
| JUN 1                              | 15  | 62.9 | 5.8       | 60.0   | 75.2 69 | 55.0 82 | I   |  |  | 84 69                                        | 75.1      | 6.1 75.0    | 38 79  | 50.1     | 8.4 48.0      |  |  |  | JUN 1       |
| JUN 11                             | 14  | 65.2 | 7.1       | 63.5   | 83.8 74 | 55.2 81 | I   |  |  | 93 74                                        | 79.3      | 6.4 78.5    | 42 81  | 50.5     | 5.3 50.0      |  |  |  | JUN 11      |
| JUN 21                             | 18  | 68.9 | 5.6       | 69.5   | 77.6 74 | 55.8 69 | I   |  |  | 90 70                                        | 81.2      | 4.5 80.0    | 39 70  | 53.4     | 8.2 53.5      |  |  |  | JUN 21      |
| JUL 1                              | 20  | 73.2 | 5.9       | 73.5   | 85.2 75 | 61.9 82 | M I |  |  | 91 76                                        | 84.6      | 5.6 85.5    | 51 83  | 59.4     | 6.7 57.0      |  |  |  | JUL 1       |
| JUL 11                             | 20  | 75.2 | 3.8       | 75.5   | 81.4 67 | 69.7 83 | I   |  |  | 93 67                                        | 87.1      | 4.0 88.0    | 47 72  | 60.2     | 7.0 61.0      |  |  |  | JUL 11      |
| JUL 21                             | 20  | 78.8 | 3.2       | 79.0   | 83.9 71 | 72.7 70 | I   |  |  | 94 80                                        | 87.8      | 3.3 88.5    | 52 72  | 66.6     | 7.3 67.0      |  |  |  | JUL 21      |
| AUG 1                              | 20  | 78.8 | 4.8       | 79.0   | 86.4 83 | 69.9 76 | I   |  |  | 97 83                                        | 88.3      | 4.3 89.5    | 55 80  | 67.8     | 7.4 68.5      |  |  |  | AUG 1       |
| AUG 11                             | 20  | 74.7 | 7.6       | 75.0   | 87.5 67 | 60.7 68 | I   |  |  | 92 69                                        | 85.1      | 5.0 86.0    | 45 64  | 62.4     | 10.8 62.5     |  |  |  | AUG 11      |
| AUG 21                             | 20  | 72.4 | 7.1       | 73.0   | 85.1 70 | 61.1 77 | I   |  |  | 97 69                                        | 84.5      | 7.0 83.5    | 44 64  | 57.4     | 8.7 57.0      |  |  |  | AUG 21      |
| SEP 1                              | 20  | 69.9 | 4.9       | 70.5   | 79.2 66 | 61.7 70 | I   |  |  | 93 67                                        | 83.3      | 5.3 84.5    | 44 70  | 53.8     | 7.2 52.5      |  |  |  | SEP 1       |
| SEP 11                             | 18  | 62.8 | 7.7       | 62.5   | 77.6 81 | 50.8 65 | M I |  |  | 92 81                                        | 75.6      | 6.7 75.5    | 38 68  | 47.7     | 6.9 48.5      |  |  |  | SEP 11      |
| SEP 21                             | 17  | 62.2 | 7.1       | 63.0   | 74.7 67 | 49.5 77 | I   |  |  | 87 67                                        | 75.4      | 6.4 76.0    | 36 72  | 47.5     | 6.6 46.0      |  |  |  | SEP 21      |
| MONTH                              |     |      |           |        |         |         |     |  |  | MONTH                                        |           |             |        |          |               |  |  |  |             |
| JUN                                | 13  | 65.7 | 3.1       | 65.0   | 73.8 74 | 62.6 81 | M I |  |  | 93 74                                        | 83.9      | 4.3 84.0    | 38 79  | 45.4     | 3.6 46.0      |  |  |  | JUN         |
| JUL                                | 20  | 75.8 | 2.8       | 76.0   | 81.0 67 | 70.6 77 | I   |  |  | 94 80                                        | 89.9      | 1.9 90.0    | 47 72  | 55.5     | 5.1 55.0      |  |  |  | JUL         |
| AUG                                | 20  | 75.2 | 5.1       | 74.0   | 83.7 67 | 67.3 75 | I   |  |  | 97 83                                        | 89.6      | 4.3 90.0    | 44 64  | 55.1     | 7.3 54.0      |  |  |  | AUG         |
| SEP                                | 17  | 64.8 | 4.8       | 64.0   | 74.2 67 | 57.1 65 | M I |  |  | 93 67                                        | 83.5      | 5.1 84.0    | 36 72  | 43.6     | 4.9 42.0      |  |  |  | SEP         |

## RELATIVE HUMIDITY

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101032 RED RIVER RS |     |      |           |        |         |         |   |  |  | 1964-1983                               |           |             |        |          |               |  |  |  |             |
|------------------------------------|-----|------|-----------|--------|---------|---------|---|--|--|-----------------------------------------|-----------|-------------|--------|----------|---------------|--|--|--|-------------|
| 10-DAY AND MONTHLY PERIOD MEANS    |     |      |           |        |         |         |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES |           |             |        |          |               |  |  |  |             |
| PRD. NO.                           | NO. | MEAN | STD. DEV. | MEDIAN | HIGHEST | LOWEST  |   |  |  | AVG. HIGH                               | STD. DEV. | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. LOW |  |  |  | PRD. BEGINS |
| BEGINS YRS                         |     |      |           |        | AVG.YR  | AVG.YR  |   |  |  | HIGH.YR                                 |           |             |        |          |               |  |  |  |             |
| MAY 11                             | 13  | 47.5 | 12.8      | 45.0   | 69.1 78 | 26.4 64 | I |  |  | 100 70                                  | 79.9      | 18.7 85.0   | 9 83   | 22.8     | 8.3 24.0      |  |  |  | MAY 11      |
| MAY 21                             | 13  | 50.2 | 13.5      | 51.0   | 75.3 80 | 29.6 83 | I |  |  | 100 80                                  | 82.8      | 14.2 86.0   | 16 79  | 23.9     | 7.0 21.0      |  |  |  | MAY 21      |
| JUN 1                              | 15  | 49.1 | 12.8      | 51.0   | 64.7 66 | 25.5 65 | I |  |  | 94 64                                   | 76.9      | 17.8 83.0   | 15 78  | 25.7     | 8.0 25.0      |  |  |  | JUN 1       |
| JUN 11                             | 14  | 49.8 | 7.8       | 50.5   | 62.3 70 | 36.1 69 | I |  |  | 100 81                                  | 82.5      | 11.7 86.0   | 15 65  | 23.4     | 5.2 23.0      |  |  |  | JUN 11      |
| JUN 21                             | 18  | 46.4 | 8.4       | 46.5   | 66.2 69 | 31.9 79 | I |  |  | 100 78                                  | 80.7      | 13.0 85.0   | 10 76  | 22.4     | 6.8 21.0      |  |  |  | JUN 21      |
| JUL 1                              | 20  | 41.2 | 10.1      | 39.0   | 59.8 78 | 26.6 73 | I |  |  | 95 77                                   | 70.4      | 16.0 71.0   | 9 79   | 21.1     | 8.2 19.0      |  |  |  | JUL 1       |
| JUL 11                             | 20  | 39.6 | 6.8       | 38.5   | 55.0 75 | 27.6 73 | I |  |  | 95 76                                   | 71.8      | 15.4 68.5   | 13 65  | 19.6     | 5.4 18.0      |  |  |  | JUL 11      |
| JUL 21                             | 20  | 34.0 | 7.4       | 33.5   | 45.0 83 | 18.9 66 | I |  |  | 95 76                                   | 60.9      | 19.9 59.0   | 9 66   | 19.4     | 6.1 19.5      |  |  |  | JUL 21      |
| AUG 1                              | 20  | 33.4 | 8.0       | 32.0   | 52.0 74 | 20.6 69 | I |  |  | 94 74                                   | 58.4      | 19.7 56.5   | 8 64   | 18.1     | 4.9 18.0      |  |  |  | AUG 1       |
| AUG 11                             | 20  | 39.5 | 13.9      | 39.5   | 70.6 68 | 20.9 67 | I |  |  | 100 68                                  | 67.7      | 23.2 70.5   | 9 73   | 20.5     | 7.2 21.0      |  |  |  | AUG 11      |
| AUG 21                             | 20  | 39.8 | 12.2      | 38.0   | 65.6 77 | 19.5 70 | I |  |  | 100 73                                  | 72.6      | 19.7 72.0   | 9 69   | 19.5     | 6.5 20.0      |  |  |  | AUG 21      |
| SEP 1                              | 20  | 39.5 | 7.1       | 37.5   | 53.6 70 | 28.3 66 | I |  |  | 100 72                                  | 72.4      | 16.1 70.5   | 12 76  | 20.1     | 5.5 20.0      |  |  |  | SEP 1       |
| SEP 11                             | 18  | 45.4 | 13.0      | 44.5   | 75.8 68 | 25.9 71 | I |  |  | 100 77                                  | 76.1      | 18.6 81.5   | 11 81  | 23.3     | 6.8 21.5      |  |  |  | SEP 11      |
| SEP 21                             | 17  | 47.3 | 10.7      | 48.0   | 71.4 77 | 30.4 75 | I |  |  | 100 69                                  | 78.9      | 16.9 85.0   | 8 70   | 24.9     | 9.3 22.0      |  |  |  | SEP 21      |
| MONTH                              |     |      |           |        |         |         |   |  |  | MONTH                                   |           |             |        |          |               |  |  |  |             |
| JUN                                | 13  | 48.4 | 4.9       | 49.0   | 55.7 70 | 40.6 78 | I |  |  | 100 81                                  | 92.2      | 5.7 93.0    | 10 76  | 18.5     | 4.4 19.0      |  |  |  | JUN         |
| JUL                                | 20  | 38.1 | 6.3       | 38.5   | 49.6 77 | 27.6 73 | I |  |  | 95 77                                   | 81.4      | 13.5 84.5   | 9 79   | 15.4     | 3.8 15.5      |  |  |  | JUL         |
| AUG                                | 20  | 37.6 | 8.4       | 38.5   | 48.5 68 | 22.2 69 | I |  |  | 100 73                                  | 80.9      | 16.8 84.5   | 8 64   | 15.1     | 4.7 13.5      |  |  |  | AUG         |
| SEP                                | 17  | 44.5 | 6.5       | 44.0   | 54.4 77 | 34.3 67 | I |  |  | 100 77                                  | 89.0      | 10.9 93.0   | 8 70   | 17.2     | 5.8 18.0      |  |  |  | SEP         |

(con.)

Table 25 (Con.)

| DRY BULB TEMPERATURE               |     |      |      |        |         |           |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |      |        |        |      |      |        |        |  |
|------------------------------------|-----|------|------|--------|---------|-----------|---|--|--|----------------------------------------------|------|------|--------|--------|------|------|--------|--------|--|
| STATION NUMBER 101032 RED RIVER RS |     |      |      |        |         |           |   |  |  | 1951-1970                                    |      |      |        |        |      |      |        |        |  |
| 10-DAY AND MONTHLY PERIOD MEANS    |     |      |      |        |         |           |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |      |        |        |      |      |        |        |  |
| PRD.                               | NO. | MEAN | STD. | MEDIAN | HIGHEST | LOWEST    |   |  |  | HIGH.YR                                      | AVG. | STD. | MEDIAN | LOW.YR | AVG. | STD. | MEDIAN | PRD.   |  |
| BEGINS                             | YRS |      | DEV. |        | AVG.YR  | AVG.YR    |   |  |  | HIGH                                         | HIGH | DEV. | HIGH   | LOW    | LOW  | DEV. | LOW    | BEGINS |  |
| MAY 11                             | 10  | 58.4 | 5.5  | 58.5   | 67.4 64 | 47.7 62   | I |  |  | 84 54                                        | 73.2 | 7.3  | 74.5   | 37 65  | 41.7 | 4.9  | 40.0   | MAY 11 |  |
| MAY 21                             | 13  | 60.4 | 6.1  | 59.0   | 69.8 63 | 51.5 54   | I |  |  | 87 56                                        | 74.6 | 6.8  | 74.0   | 39 64  | 44.9 | 5.0  | 44.0   | MAY 21 |  |
| JUN 1                              | 18  | 63.1 | 6.9  | 61.0   | 75.2 69 | 52.6 54   | I |  |  | 85 57                                        | 76.8 | 7.5  | 77.0   | 41 62  | 50.0 | 7.7  | 48.0   | JUN 1  |  |
| JUN 11                             | 19  | 65.9 | 5.5  | 66.0   | 78.3 59 | 56.7 57   | I |  |  | 91 61                                        | 79.4 | 5.2  | 79.0   | 40 57  | 51.8 | 6.4  | 51.0   | JUN 11 |  |
| JUN 21                             | 20  | 67.0 | 6.0  | 66.0   | 77.9 61 | 55.8 69   | I |  |  | 91 61                                        | 81.6 | 7.0  | 82.5   | 39 70  | 51.4 | 7.3  | 49.5   | JUN 21 |  |
| JUL 1                              | 20  | 74.1 | 5.9  | 74.5   | 81.8 53 | 58.5 55   | I |  |  | 90 70                                        | 85.6 | 5.2  | 87.5   | 43 55  | 59.9 | 7.9  | 59.5   | JUL 1  |  |
| JUL 11                             | 20  | 78.3 | 4.6  | 78.5   | 85.2 60 | 69.5 63   | I |  |  | 95 53                                        | 89.3 | 4.1  | 90.0   | 51 68  | 65.0 | 7.7  | 64.5   | JUL 11 |  |
| JUL 21                             | 20  | 79.7 | 3.7  | 79.5   | 84.8 61 | 72.7 70   | I |  |  | 96 59                                        | 89.1 | 3.6  | 89.0   | 54 54  | 67.3 | 6.7  | 67.0   | JUL 21 |  |
| AUG 1                              | 20  | 78.0 | 4.4  | 78.5   | 86.6 61 | 69.1 56   | I |  |  | 101 61                                       | 88.6 | 4.7  | 89.0   | 53 56  | 65.4 | 7.8  | 67.0   | AUG 1  |  |
| AUG 11                             | 20  | 76.8 | 6.5  | 77.5   | 87.5 67 | 60.7 68   | I |  |  | 93 61                                        | 86.6 | 4.5  | 87.0   | 45 64  | 64.8 | 9.7  | 65.0   | AUG 11 |  |
| AUG 21                             | 20  | 71.6 | 6.9  | 70.0   | 85.1 70 | 61.3 60   | I |  |  | 97 69                                        | 86.1 | 6.6  | 84.5   | 40 60  | 57.6 | 9.4  | 58.0   | AUG 21 |  |
| SEP 1                              | 19  | 71.1 | 5.6  | 72.0   | 81.7 55 | 61.7 70   | I |  |  | 93 67                                        | 83.9 | 5.8  | 84.0   | 44 70  | 55.6 | 6.7  | 58.0   | SEP 1  |  |
| SEP 11                             | 16  | 64.0 | 7.3  | 63.0   | 76.3 53 | 50.8 65 M | I |  |  | 89 53                                        | 79.8 | 6.0  | 80.0   | 37 61  | 46.8 | 7.2  | 46.5   | SEP 11 |  |
| SEP 21                             | 11  | 68.1 | 8.0  | 67.0   | 79.1 63 | 55.8 65 M | I |  |  | 88 63                                        | 80.5 | 6.2  | 82.0   | 41 68  | 51.1 | 9.5  | 48.0   | SEP 21 |  |
| MONTH                              |     |      |      |        |         |           |   |  |  | MONTH                                        |      |      |        |        |      |      |        |        |  |
| JUN                                | 18  | 65.1 | 2.7  | 65.0   | 69.9 60 | 59.7 53 M | I |  |  | 91 61                                        | 84.9 | 3.7  | 85.0   | 39 70  | 45.3 | 4.1  | 46.0   | JUN    |  |
| JUL                                | 20  | 77.4 | 2.9  | 76.5   | 83.1 60 | 72.5 55   | I |  |  | 96 59                                        | 91.1 | 2.7  | 90.5   | 43 55  | 57.6 | 7.0  | 57.0   | JUL    |  |
| AUG                                | 20  | 75.3 | 4.5  | 74.0   | 83.7 67 | 69.0 54   | I |  |  | 101 61                                       | 90.9 | 4.4  | 91.5   | 40 60  | 56.3 | 8.0  | 58.0   | AUG    |  |
| SEP                                | 11  | 67.5 | 6.2  | 69.0   | 74.2 67 | 57.1 65 M | I |  |  | 93 67                                        | 85.0 | 5.2  | 87.0   | 37 61  | 45.0 | 5.4  | 46.0   | SEP    |  |

| RELATIVE HUMIDITY                  |     |      |      |        |           |         |   |  |  | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |      |      |        |        |      |      |        |        |  |
|------------------------------------|-----|------|------|--------|-----------|---------|---|--|--|----------------------------------------------|------|------|--------|--------|------|------|--------|--------|--|
| STATION NUMBER 101032 RED RIVER RS |     |      |      |        |           |         |   |  |  | 1951-1970                                    |      |      |        |        |      |      |        |        |  |
| 10-DAY AND MONTHLY PERIOD MEANS    |     |      |      |        |           |         |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |      |      |        |        |      |      |        |        |  |
| PRD.                               | NO. | MEAN | STD. | MEDIAN | HIGHEST   | LOWEST  |   |  |  | HIGH.YR                                      | AVG. | STD. | MEDIAN | LOW.YR | AVG. | STD. | MEDIAN | PRD.   |  |
| BEGINS                             | YRS |      | DEV. |        | AVG.YR    | AVG.YR  |   |  |  | HIGH                                         | HIGH | DEV. | HIGH   | LOW    | LOW  | DEV. | LOW    | BEGINS |  |
| MAY 11                             | 10  | 49.9 | 14.6 | 47.5   | 73.8 57   | 26.4 64 | I |  |  | 100 70                                       | 86.6 | 13.7 | 89.5   | 11 64  | 23.9 | 9.6  | 24.0   | MAY 11 |  |
| MAY 21                             | 13  | 50.0 | 10.3 | 51.0   | 63.4 54   | 32.5 63 | I |  |  | 94 57                                        | 85.4 | 11.1 | 88.0   | 16 56  | 23.8 | 7.5  | 21.0   | MAY 21 |  |
| JUN 1                              | 18  | 51.4 | 12.6 | 50.0   | 70.4 58   | 25.5 65 | I |  |  | 94 64                                        | 78.9 | 17.7 | 85.5   | 15 65  | 26.4 | 8.9  | 25.5   | JUN 1  |  |
| JUN 11                             | 19  | 48.3 | 8.4  | 47.0   | 62.3 70   | 32.0 59 | I |  |  | 94 62                                        | 78.9 | 14.0 | 87.0   | 12 61  | 24.1 | 5.5  | 23.0   | JUN 11 |  |
| JUN 21                             | 20  | 45.8 | 10.0 | 45.0   | 66.2 69   | 29.3 60 | I |  |  | 100 51                                       | 82.5 | 16.3 | 87.0   | 11 64  | 22.0 | 6.9  | 21.0   | JUN 21 |  |
| JUL 1                              | 20  | 39.9 | 10.5 | 37.5   | 65.0 58   | 20.9 53 | I |  |  | 99 55                                        | 68.2 | 20.6 | 65.5   | 12 68  | 20.3 | 6.1  | 19.0   | JUL 1  |  |
| JUL 11                             | 20  | 35.1 | 7.3  | 35.0   | 48.9 57   | 21.8 61 | I |  |  | 99 57                                        | 66.1 | 22.3 | 68.0   | 11 61  | 17.9 | 3.9  | 18.0   | JUL 11 |  |
| JUL 21                             | 20  | 31.9 | 7.6  | 30.5   | 44.9 55   | 18.9 66 | I |  |  | 86 56                                        | 57.8 | 17.8 | 58.5   | 7 61   | 16.6 | 5.1  | 17.0   | JUL 21 |  |
| AUG 1                              | 20  | 34.3 | 9.3  | 34.0   | 56.6 58   | 20.6 69 | I |  |  | 99 58                                        | 62.4 | 23.2 | 64.5   | 8 64   | 16.9 | 5.6  | 15.5   | AUG 1  |  |
| AUG 11                             | 20  | 34.5 | 12.8 | 31.0   | 70.6 68   | 20.9 67 | I |  |  | 100 68                                       | 61.9 | 23.6 | 62.0   | 10 51  | 18.6 | 5.4  | 19.0   | AUG 11 |  |
| AUG 21                             | 20  | 39.9 | 12.2 | 40.0   | 61.6 51   | 19.5 70 | I |  |  | 100 65                                       | 73.8 | 21.9 | 78.5   | 7 55   | 16.2 | 5.7  | 16.0   | AUG 21 |  |
| SEP 1                              | 19  | 37.5 | 8.1  | 37.0   | 54.6 57   | 26.2 62 | I |  |  | 94 70                                        | 69.8 | 17.9 | 72.0   | 11 55  | 18.7 | 6.4  | 18.0   | SEP 1  |  |
| SEP 11                             | 16  | 45.6 | 14.0 | 46.0   | 75.8 68   | 22.2 53 | I |  |  | 100 68                                       | 79.6 | 20.7 | 86.0   | 8 53   | 19.2 | 6.6  | 17.0   | SEP 11 |  |
| SEP 21                             | 11  | 39.2 | 12.5 | 36.0   | 58.8 65 M | 20.9 52 | I |  |  | 100 69                                       | 73.5 | 21.8 | 85.0   | 8 70   | 19.7 | 7.6  | 20.0   | SEP 21 |  |
| MONTH                              |     |      |      |        |           |         |   |  |  | MONTH                                        |      |      |        |        |      |      |        |        |  |
| JUN                                | 18  | 49.0 | 5.8  | 48.5   | 59.8 58   | 35.8 60 | I |  |  | 100 51                                       | 90.1 | 5.7  | 93.0   | 11 64  | 19.0 | 4.3  | 19.0   | JUN    |  |
| JUL                                | 20  | 35.5 | 6.8  | 34.5   | 46.5 55   | 23.4 53 | I |  |  | 99 57                                        | 80.4 | 17.6 | 83.5   | 7 61   | 14.5 | 3.5  | 15.0   | JUL    |  |
| AUG                                | 20  | 36.3 | 8.2  | 36.5   | 48.5 68   | 22.2 69 | I |  |  | 100 68                                       | 81.5 | 17.6 | 89.0   | 7 55   | 12.4 | 3.3  | 13.0   | AUG    |  |
| SEP                                | 11  | 41.1 | 8.2  | 43.0   | 52.1 65 M | 28.3 52 | I |  |  | 100 69                                       | 89.6 | 8.9  | 92.0   | 8 70   | 14.9 | 5.6  | 13.0   | SEP    |  |

(con.)

Table 25 (Con.)

## DRY BULB TEMPERATURE

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101033 RIGGINS RS |     |      |      |        |           |           |   |           |         | 1964-1983                               |       |           |        |      |      |        |        |  |       |
|----------------------------------|-----|------|------|--------|-----------|-----------|---|-----------|---------|-----------------------------------------|-------|-----------|--------|------|------|--------|--------|--|-------|
| 10-DAY AND MONTHLY PERIOD MEANS  |     |      |      |        |           |           |   |           |         | 10-DAY AND MONTHLY EXTREME DAILY VALUES |       |           |        |      |      |        |        |  |       |
| PRD.                             | NO. |      |      |        |           |           |   |           |         |                                         |       |           |        |      |      |        | PRD.   |  |       |
| BEGINS                           | YRS | MEAN | STD. | MEDIAN | HIGHEST   | LOWEST    |   |           | HIGH,YR | AVG.                                    | STD.  | MEDIAN    |        | AVG. | STD. | MEDIAN | BEGINS |  |       |
|                                  |     |      | DEV. |        | AVG,YR    | AVG,YR    |   |           |         | HIGH                                    | DEV.  | HIGH      | LOW,YR | LOW  | DEV. | LOW    |        |  |       |
| MAY                              | 1   | 19   | 65.6 | 6.1    | 65.0      | 81.1 66 M | I | 54.4 64   | I       | 95 66                                   | 80.4  | 5.9 80.0  | 40 64  | 49.7 | 6.1  | 52.0   | MAY 1  |  |       |
| MAY                              | 11  | 19   | 69.4 | 6.2    | 68.0      | 84.0 73   | I | 58.0 74   | I       | 94 73                                   | 84.0  | 5.4 86.0  | 43 75  | 54.5 | 5.8  | 54.0   | MAY 11 |  |       |
| MAY                              | 21  | 19   | 71.5 | 5.7    | 69.0      | 86.2 83   | I | 62.6 80   | I       | 97 66                                   | 86.7  | 6.1 86.0  | 46 71  | 55.1 | 6.4  | 54.0   | MAY 21 |  |       |
| JUN                              | 1   | 19   | 74.3 | 5.9    | 72.0      | 83.7 69   | I | 65.9 82   | I       | 98 70                                   | 86.2  | 5.8 87.0  | 48 76  | 61.0 | 7.1  | 60.0   | JUN 1  |  |       |
| JUN                              | 11  | 20   | 75.5 | 6.0    | 73.5      | 91.1 74   | I | 66.4 81   | I       | 104 74                                  | 89.1  | 5.7 89.0  | 50 75  | 60.4 | 6.2  | 60.0   | JUN 11 |  |       |
| JUN                              | 21  | 20   | 79.4 | 5.9    | 79.5      | 87.8 74   | I | 67.0 69   | I       | 103 70                                  | 93.1  | 6.9 93.5  | 48 75  | 64.6 | 8.9  | 62.0   | JUN 21 |  |       |
| JUL                              | 1   | 20   | 84.0 | 6.2    | 84.0      | 96.6 68   | I | 74.8 78   | I       | 105 73                                  | 94.9  | 5.2 95.0  | 56 81  | 71.0 | 8.9  | 70.0   | JUL 1  |  |       |
| JUL                              | 11  | 20   | 86.2 | 4.2    | 85.5      | 92.8 73   | I | 79.9 80   | I       | 108 67                                  | 97.1  | 5.5 98.0  | 57 72  | 72.4 | 6.6  | 74.0   | JUL 11 |  |       |
| JUL                              | 21  | 20   | 90.2 | 4.0    | 91.0      | 96.5 71   | I | 82.1 75   | I       | 103 73                                  | 98.6  | 3.3 98.0  | 60 75  | 77.6 | 9.6  | 78.5   | JUL 21 |  |       |
| AUG                              | 1   | 20   | 90.9 | 5.2    | 91.5      | 100.3 71  | I | 80.1 76   | I       | 109 71                                  | 99.2  | 5.0 98.0  | 62 76  | 79.6 | 9.1  | 80.0   | AUG 1  |  |       |
| AUG                              | 11  | 20   | 86.8 | 8.0    | 86.0      | 101.3 67  | I | 72.5 68   | I       | 106 71                                  | 97.4  | 5.3 98.5  | 57 78  | 74.6 | 11.1 | 71.5   | AUG 11 |  |       |
| AUG                              | 21  | 20   | 83.1 | 7.0    | 82.5      | 95.8 70   | I | 71.3 75   | I       | 110 69                                  | 95.1  | 7.9 94.0  | 56 64  | 68.9 | 8.9  | 69.5   | AUG 21 |  |       |
| SEP                              | 1   | 20   | 80.4 | 5.2    | 80.0      | 90.9 67   | I | 71.7 70   | I       | 104 67                                  | 92.1  | 5.7 91.0  | 54 70  | 66.3 | 8.5  | 66.0   | SEP 1  |  |       |
| SEP                              | 11  | 19   | 72.9 | 6.6    | 74.0      | 85.4 81   | I | 61.9 78   | I       | 98 81                                   | 84.7  | 6.6 86.0  | 47 68  | 58.7 | 6.8  | 57.0   | SEP 11 |  |       |
| SEP                              | 21  | 19   | 72.3 | 6.4    | 72.0      | 85.3 67   | I | 60.2 77   | I       | 95 67                                   | 82.3  | 6.2 82.0  | 50 68  | 59.9 | 6.7  | 60.0   | SEP 21 |  |       |
| OCT                              | 1   | 16   | 69.0 | 7.5    | 69.5      | 80.0 65   | I | 57.8 81   | I       | 89 71                                   | 79.1  | 6.7 81.0  | 49 81  | 58.0 | 8.3  | 56.5   | OCT 1  |  |       |
| OCT                              | 11  | 15   | 61.8 | 4.5    | 61.0      | 68.2 78   | I | 55.3 69   | I       | 84 64                                   | 71.3  | 6.4 71.0  | 43 66  | 52.4 | 5.6  | 53.0   | OCT 11 |  |       |
| MONTH                            |     |      |      |        |           |           |   |           |         | I                                       |       |           |        |      |      |        |        |  | MONTH |
|                                  |     |      |      |        |           |           |   |           | I       |                                         |       |           |        |      |      |        |        |  |       |
| MAY                              | 19  | 68.9 | 3.6  | 67.0   | 76.1 66 M | 64.2 75   | I | 64.2 75   | I       | 97 66                                   | 88.7  | 4.7 88.0  | 40 64  | 47.6 | 4.6  | 48.0   | MAY    |  |       |
| JUN                              | 19  | 76.4 | 3.5  | 76.0   | 83.5 74   | 71.3 75   | I | 71.3 75   | I       | 104 74                                  | 95.2  | 5.2 94.0  | 48 76  | 55.8 | 4.9  | 55.0   | JUN    |  |       |
| JUL                              | 20  | 86.9 | 3.5  | 86.0   | 92.9 73   | 81.3 83 M | I | 81.3 83 M | I       | 108 67                                  | 100.3 | 3.7 100.0 | 56 81  | 65.9 | 6.3  | 66.0   | JUL    |  |       |
| AUG                              | 20  | 86.8 | 5.2  | 86.5   | 96.0 67   | 76.4 75   | I | 76.4 75   | I       | 110 69                                  | 100.6 | 5.6 99.5  | 56 64  | 65.1 | 7.0  | 63.5   | AUG    |  |       |
| SEP                              | 19  | 75.2 | 4.5  | 73.0   | 85.5 67   | 68.5 70   | I | 68.5 70   | I       | 104 67                                  | 92.1  | 5.1 90.0  | 47 68  | 55.8 | 5.3  | 54.0   | SEP    |  |       |

## RELATIVE HUMIDITY

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101033 RIGGINS RS |         |      |           |        |                |               |   |         |           | 1964-1983                               |             |        |          |           |            |             |  |  |  |
|----------------------------------|---------|------|-----------|--------|----------------|---------------|---|---------|-----------|-----------------------------------------|-------------|--------|----------|-----------|------------|-------------|--|--|--|
| 10-DAY AND MONTHLY PERIOD MEANS  |         |      |           |        |                |               |   |         |           | 10-DAY AND MONTHLY EXTREME DAILY VALUES |             |        |          |           |            |             |  |  |  |
| PRD. BEGINS                      | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR |   | HIGH.YR | AVG. HIGH | STD. DEV.                               | MEDIAN HIGH | LOW.YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |  |  |  |
| MAY 1                            | 19      | 38.9 | 6.4       | 37.0   | 55.2 64        | 30.6 66       | M | 94 73   | 71.0      | 14.6                                    | 70.0        | 9 73   | 19.6     | 6.8       | 20.0       | MAY 1       |  |  |  |
| MAY 11                           | 19      | 35.0 | 8.8       | 36.0   | 50.2 69        | 15.3 73       | I | 87 74   | 59.7      | 18.5                                    | 60.0        | 8 73   | 17.7     | 5.3       | 16.0       | MAY 11      |  |  |  |
| MAY 21                           | 19      | 35.5 | 8.3       | 35.0   | 51.8 80        | 22.5 83       | I | 100 81  | 67.7      | 18.5                                    | 66.0        | 6 66   | 17.8     | 5.3       | 19.0       | MAY 21      |  |  |  |
| JUN 1                            | 19      | 37.1 | 10.2      | 42.0   | 49.7 64        | 19.4 79       | I | 88 82   | 63.1      | 19.9                                    | 68.0        | 9 79   | 19.6     | 6.2       | 20.0       | JUN 1       |  |  |  |
| JUN 11                           | 20      | 38.0 | 6.4       | 35.0   | 50.3 64        | 29.7 74       | I | 89 80   | 70.8      | 15.2                                    | 71.0        | 8 79   | 19.2     | 6.3       | 20.5       | JUN 11      |  |  |  |
| JUN 21                           | 20      | 32.8 | 8.6       | 33.5   | 49.9 69        | 19.8 77       | I | 82 69   | 57.8      | 17.8                                    | 62.0        | 7 73   | 14.9     | 5.3       | 14.0       | JUN 21      |  |  |  |
| JUL 1                            | 20      | 29.1 | 9.4       | 26.5   | 48.6 78        | 13.4 73       | I | 73 77   | 48.5      | 15.1                                    | 44.5        | 6 73   | 16.4     | 7.9       | 14.0       | JUL 1       |  |  |  |
| JUL 11                           | 20      | 27.6 | 7.0       | 25.5   | 44.0 75        | 15.7 73       | I | 81 76   | 48.4      | 15.2                                    | 45.0        | 7 73   | 15.7     | 7.6       | 14.5       | JUL 11      |  |  |  |
| JUL 21                           | 20      | 22.7 | 5.8       | 22.0   | 36.4 75        | 14.7 69       | I | 86 77   | 44.8      | 21.1                                    | 39.0        | 6 73   | 13.4     | 4.4       | 13.5       | JUL 21      |  |  |  |
| AUG 1                            | 20      | 21.7 | 7.0       | 20.5   | 36.9 76        | 12.7 72       | I | 86 65   | 39.1      | 21.1                                    | 32.5        | 6 71   | 13.3     | 4.1       | 13.5       | AUG 1       |  |  |  |
| AUG 11                           | 20      | 25.9 | 11.7      | 25.5   | 48.8 68        | 11.0 77       | I | 95 79   | 47.9      | 26.9                                    | 45.0        | 5 73   | 13.4     | 5.3       | 13.5       | AUG 11      |  |  |  |
| AUG 21                           | 20      | 28.1 | 9.6       | 28.0   | 46.5 75        | 11.2 70       | I | 89 65   | 54.8      | 22.8                                    | 48.5        | 5 70   | 13.9     | 7.0       | 13.0       | AUG 21      |  |  |  |
| SEP 1                            | 20      | 27.8 | 7.5       | 25.5   | 41.7 78        | 16.4 66       | I | 94 78   | 53.5      | 23.4                                    | 45.0        | 6 66   | 14.1     | 4.9       | 14.5       | SEP 1       |  |  |  |
| SEP 11                           | 19      | 34.2 | 10.1      | 36.0   | 49.4 78        | 15.9 79       | I | 88 68   | 62.4      | 18.7                                    | 68.0        | 10 83  | 18.3     | 6.3       | 17.0       | SEP 11      |  |  |  |
| SEP 21                           | 19      | 32.9 | 9.3       | 31.0   | 56.6 77        | 16.3 74       | I | 88 77   | 54.1      | 16.4                                    | 49.0        | 8 71   | 19.0     | 6.6       | 18.0       | SEP 21      |  |  |  |
| OCT 1                            | 16      | 35.8 | 10.6      | 34.5   | 55.8 81        | 19.9 65       | I | 100 81  | 64.6      | 22.3                                    | 68.0        | 8 71   | 20.8     | 8.4       | 20.0       | OCT 1       |  |  |  |
| OCT 11                           | 15      | 40.3 | 10.3      | 38.0   | 56.6 75        | 24.7 76       | I | 100 81  | 62.9      | 23.3                                    | 54.0        | 10 66  | 22.1     | 5.8       | 23.0       | OCT 11      |  |  |  |
| MONTH                            |         |      |           |        |                |               | I |         |           |                                         |             |        |          |           |            | MONTH       |  |  |  |
| MAY                              | 19      | 36.5 | 5.3       | 35.0   | 45.7 80        | 24.7 73       | I | 100 81  | 81.1      | 12.6                                    | 82.0        | 6 66   | 14.3     | 4.3       | 15.0       | MAY         |  |  |  |
| JUN                              | 19      | 35.9 | 5.4       | 36.0   | 43.0 80        | 25.4 73       | I | 89 80   | 81.0      | 7.6                                     | 82.0        | 7 73   | 12.9     | 4.1       | 13.0       | JUN         |  |  |  |
| JUL                              | 20      | 26.3 | 6.3       | 26.0   | 39.2 75        | 15.3 73       | I | 86 77   | 61.4      | 15.2                                    | 62.5        | 6 73   | 11.8     | 3.9       | 11.5       | JUL         |  |  |  |
| AUG                              | 20      | 25.3 | 7.3       | 24.0   | 38.4 75        | 14.1 70       | I | 93 79   | 66.5      | 22.7                                    | 74.0        | 5 73   | 10.3     | 4.3       | 9.5        | AUG         |  |  |  |
| SEP                              | 19      | 31.6 | 5.9       | 30.0   | 42.2 82        | 18.8 74       | I | 94 78   | 73.6      | 13.4                                    | 76.0        | 6 66   | 12.1     | 3.8       | 11.0       | SEP         |  |  |  |

(con.)

Table 25 (Con.)

## DRY BULB TEMPERATURE

| STATION NUMBER 101033 RIGGINS RS<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                   |                  |   |         |              | 10-DAY AND MONTHLY EXTREME DAILY VALUES |                |        |             |              |               |  |                |       |  | 1951-1970 |  |  |  |
|---------------------------------------------------------------------|------------|------|--------------|--------|-------------------|------------------|---|---------|--------------|-----------------------------------------|----------------|--------|-------------|--------------|---------------|--|----------------|-------|--|-----------|--|--|--|
| PRD.<br>BEGINS                                                      | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG.YR | LOWEST<br>AVG.YR |   | HIGH.YR | AVG.<br>HIGH | STD.<br>DEV.                            | MEDIAN<br>HIGH | LOW.YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW |  | PRD.<br>BEGINS |       |  |           |  |  |  |
| MAY 1                                                               | 9          | 65.7 | 7.8          | 65.0   | 81.1 66 M         | 54.4 64          | I | 95 66   | 80.3         | 8.4                                     | 79.0           | 40 64  | 47.7        | 5.7          | 48.0          |  | MAY 1          |       |  |           |  |  |  |
| MAY 11                                                              | 10         | 69.5 | 4.8          | 70.0   | 76.9 64           | 59.1 62          | I | 90 69   | 83.9         | 5.5                                     | 84.5           | 48 62  | 54.6        | 4.4          | 54.0          |  | MAY 11         |       |  |           |  |  |  |
| MAY 21                                                              | 10         | 72.0 | 5.7          | 70.5   | 80.4 63           | 66.0 62          | I | 97 66   | 85.6         | 7.0                                     | 86.5           | 49 68  | 55.7        | 6.3          | 53.5          |  | MAY 21         |       |  |           |  |  |  |
| JUN 1                                                               | 18         | 74.9 | 6.6          | 74.0   | 83.7 69           | 62.8 54          | I | 100 57  | 87.1         | 7.0                                     | 88.0           | 52 63  | 60.9        | 6.5          | 60.5          |  | JUN 1          |       |  |           |  |  |  |
| JUN 11                                                              | 19         | 77.1 | 6.4          | 77.0   | 88.9 61           | 68.5 64          | I | 98 61   | 89.6         | 5.2                                     | 91.0           | 53 56  | 63.4        | 6.5          | 64.0          |  | JUN 11         |       |  |           |  |  |  |
| JUN 21                                                              | 19         | 78.6 | 5.8          | 79.0   | 88.5 61           | 67.0 69          | I | 105 55  | 92.6         | 7.0                                     | 92.0           | 52 55  | 64.0        | 7.1          | 61.0          |  | JUN 21         |       |  |           |  |  |  |
| JUL 1                                                               | 20         | 85.8 | 5.5          | 86.0   | 96.6 68           | 70.8 55          | I | 101 68  | 96.6         | 4.8                                     | 98.0           | 58 55  | 73.8        | 7.9          | 74.0          |  | JUL 1          |       |  |           |  |  |  |
| JUL 11                                                              | 20         | 89.8 | 4.6          | 88.5   | 99.4 60           | 82.3 63          | I | 108 67  | 101.0        | 4.6                                     | 100.0          | 65 68  | 76.8        | 8.0          | 77.5          |  | JUL 11         |       |  |           |  |  |  |
| JUL 21                                                              | 20         | 91.8 | 3.8          | 92.0   | 98.1 51           | 84.3 70          | I | 109 59  | 100.2        | 3.9                                     | 100.0          | 66 64  | 79.8        | 7.8          | 82.0          |  | JUL 21         |       |  |           |  |  |  |
| AUG 1                                                               | 20         | 90.3 | 4.1          | 90.0   | 98.2 61           | 80.3 62          | I | 110 61  | 99.9         | 4.1                                     | 99.5           | 61 62  | 77.3        | 9.0          | 79.0          |  | AUG 1          |       |  |           |  |  |  |
| AUG 11                                                              | 20         | 89.4 | 6.5          | 90.0   | 101.3 67          | 72.5 68          | I | 105 67  | 99.1         | 4.3                                     | 100.0          | 52 60  | 77.3        | 11.8         | 81.0          |  | AUG 11         |       |  |           |  |  |  |
| AUG 21                                                              | 20         | 83.2 | 7.1          | 81.5   | 95.8 70           | 71.5 60          | I | 110 69  | 96.9         | 7.9                                     | 97.5           | 52 60  | 68.6        | 10.1         | 69.0          |  | AUG 21         |       |  |           |  |  |  |
| SEP 1                                                               | 20         | 82.7 | 5.9          | 82.0   | 93.8 53           | 71.7 70          | I | 104 67  | 94.6         | 5.1                                     | 95.0           | 54 70  | 69.1        | 7.6          | 70.5          |  | SEP 1          |       |  |           |  |  |  |
| SEP 11                                                              | 19         | 75.0 | 6.7          | 74.0   | 89.2 53           | 62.9 70          | I | 101 53  | 89.3         | 6.0                                     | 90.0           | 47 68  | 58.7        | 7.3          | 57.0          |  | SEP 11         |       |  |           |  |  |  |
| SEP 21                                                              | 18         | 75.6 | 8.0          | 74.5   | 88.8 63           | 60.9 59          | I | 97 63   | 85.9         | 7.8                                     | 84.0           | 45 54  | 61.6        | 8.9          | 61.5          |  | SEP 21         |       |  |           |  |  |  |
| OCT 1                                                               | 13         | 69.9 | 7.0          | 71.0   | 80.0 65           | 58.6 69          | I | 92 63   | 81.2         | 6.3                                     | 81.0           | 46 62  | 57.0        | 8.2          | 55.0          |  | OCT 1          |       |  |           |  |  |  |
| OCT 11                                                              | 10         | 63.6 | 6.5          | 63.0   | 72.8 63           | 55.3 69          | I | 84 64   | 73.8         | 7.9                                     | 74.5           | 43 66  | 53.5        | 6.3          | 54.5          |  | OCT 11         |       |  |           |  |  |  |
| MONTH                                                               |            |      |              |        |                   |                  | I |         |              |                                         |                |        |             |              |               |  |                | MONTH |  |           |  |  |  |
| MAY                                                                 | 9          | 69.2 | 4.0          | 68.0   | 76.1 66 M         | 63.5 62          | I | 97 66   | 87.9         | 6.2                                     | 88.0           | 40 64  | 46.6        | 4.5          | 48.0          |  | MAY            |       |  |           |  |  |  |
| JUN                                                                 | 18         | 77.0 | 3.4          | 77.0   | 85.5 61           | 70.7 54          | I | 105 55  | 95.8         | 4.8                                     | 95.5           | 52 63  | 57.6        | 4.9          | 57.0          |  | JUN            |       |  |           |  |  |  |
| JUL                                                                 | 20         | 89.2 | 3.0          | 88.5   | 95.2 60           | 83.2 55          | I | 109 59  | 102.8        | 3.6                                     | 100.0          | 58 55  | 70.8        | 6.7          | 70.0          |  | JUL            |       |  |           |  |  |  |
| AUG                                                                 | 20         | 87.5 | 4.3          | 86.5   | 96.0 67           | 81.5 60          | I | 110 69  | 102.8        | 3.8                                     | 100.0          | 52 60  | 65.5        | 8.3          | 63.0          |  | AUG            |       |  |           |  |  |  |
| SEP                                                                 | 18         | 77.7 | 5.3          | 78.0   | 85.5 67           | 68.5 70          | I | 104 67  | 95.3         | 4.7                                     | 95.5           | 45 54  | 56.0        | 6.1          | 55.5          |  | SEP            |       |  |           |  |  |  |

## RELATIVE HUMIDITY

| STATION NUMBER 101033 RIGGINS RS<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                   |                  |   |  |  | 10-DAY AND MONTHLY EXTREME DAILY VALUES |              |              |                |        |             |              |               |  |                | 1951-1970 |  |  |  |
|---------------------------------------------------------------------|------------|------|--------------|--------|-------------------|------------------|---|--|--|-----------------------------------------|--------------|--------------|----------------|--------|-------------|--------------|---------------|--|----------------|-----------|--|--|--|
| PRD.<br>REGINS                                                      | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG.YR | LOWEST<br>AVG.YR |   |  |  | HIGH.YR                                 | AVG.<br>HIGH | STD.<br>DEV. | MEDIAN<br>HIGH | LOW.YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW |  | PRD.<br>BEGINS |           |  |  |  |
| MAY 1                                                               | 9          | 42.4 | 8.0          | 42.0   | 55.2 64           | 30.6 66 M        | I |  |  | 92 64                                   | 76.9         | 9.3          | 78.0           | 11 70  | 19.9        | 8.6          | 18.0          |  | MAY 1          |           |  |  |  |
| MAY 11                                                              | 10         | 38.3 | 9.1          | 37.5   | 52.7 62           | 24.2 65          | I |  |  | 94 61                                   | 67.9         | 17.6         | 66.0           | 12 65  | 20.5        | 6.7          | 19.5          |  | MAY 11         |           |  |  |  |
| MAY 21                                                              | 10         | 38.0 | 8.3          | 39.5   | 46.7 62           | 22.5 66          | I |  |  | 99 68                                   | 69.0         | 17.4         | 72.5           | 6 66   | 18.5        | 7.3          | 18.5          |  | MAY 21         |           |  |  |  |
| JUN 1                                                               | 18         | 39.7 | 8.9          | 40.5   | 53.3 63           | 23.2 65          | I |  |  | 88 64                                   | 66.3         | 17.0         | 69.0           | 11 70  | 21.4        | 6.1          | 21.0          |  | JUN 1          |           |  |  |  |
| JUN 11                                                              | 19         | 37.6 | 7.9          | 35.0   | 52.2 56           | 25.7 61          | I |  |  | 95 58                                   | 64.1         | 18.0         | 56.0           | 11 68  | 20.1        | 5.1          | 19.0          |  | JUN 11         |           |  |  |  |
| JUN 21                                                              | 19         | 33.2 | 8.5          | 35.0   | 49.9 69           | 18.7 60          | I |  |  | 93 55                                   | 60.7         | 19.5         | 64.0           | 9 55   | 16.1        | 5.1          | 16.0          |  | JUN 21         |           |  |  |  |
| JUL 1                                                               | 20         | 26.0 | 7.0          | 24.5   | 43.1 55           | 14.6 68          | I |  |  | 83 55                                   | 44.4         | 14.3         | 42.5           | 7 68   | 14.8        | 5.1          | 13.0          |  | JUL 1          |           |  |  |  |
| JUL 11                                                              | 20         | 23.9 | 6.5          | 23.5   | 38.3 56           | 12.4 61          | I |  |  | 85 56                                   | 43.6         | 18.6         | 40.0           | 5 61   | 11.9        | 3.9          | 12.0          |  | JUL 11         |           |  |  |  |
| JUL 21                                                              | 20         | 20.1 | 5.4          | 18.0   | 30.5 56           | 13.5 61          | I |  |  | 71 64                                   | 35.8         | 13.8         | 31.0           | 7 61   | 11.4        | 3.5          | 11.0          |  | JUL 21         |           |  |  |  |
| AUG 1                                                               | 20         | 22.2 | 7.2          | 21.0   | 37.0 62           | 12.9 69          | I |  |  | 99 62                                   | 43.4         | 23.6         | 38.0           | 7 61   | 12.8        | 4.4          | 13.5          |  | AUG 1          |           |  |  |  |
| AUG 11                                                              | 20         | 21.9 | 8.9          | 19.5   | 48.8 68           | 12.3 70          | I |  |  | 89 54                                   | 43.4         | 25.7         | 33.0           | 7 67   | 11.9        | 4.5          | 11.0          |  | AUG 11         |           |  |  |  |
| AUG 21                                                              | 20         | 26.5 | 9.1          | 26.0   | 41.2 65           | 11.2 70          | I |  |  | 89 65                                   | 55.3         | 23.4         | 52.5           | 5 70   | 12.5        | 5.2          | 11.5          |  | AUG 21         |           |  |  |  |
| SEP 1                                                               | 20         | 24.4 | 6.7          | 23.0   | 39.6 64           | 14.6 62          | I |  |  | 88 70                                   | 42.6         | 18.4         | 37.5           | 6 66   | 11.7        | 3.4          | 11.5          |  | SEP 1          |           |  |  |  |
| SEP 11                                                              | 19         | 33.1 | 10.1         | 34.0   | 49.4 59           | 15.7 51          | I |  |  | 99 55                                   | 65.1         | 21.1         | 68.0           | 7 52   | 14.1        | 4.4          | 13.0          |  | SEP 11         |           |  |  |  |
| SEP 21                                                              | 18         | 29.7 | 8.1          | 29.0   | 50.2 59           | 14.9 52          | I |  |  | 93 54                                   | 54.7         | 19.3         | 49.5           | 9 65   | 15.6        | 6.0          | 15.0          |  | SEP 21         |           |  |  |  |
| OCT 1                                                               | 13         | 34.4 | 9.7          | 34.0   | 49.2 69           | 17.1 52          | I |  |  | 87 70                                   | 65.2         | 20.6         | 75.0           | 7 52   | 17.8        | 6.8          | 18.0          |  | OCT 1          |           |  |  |  |
| OCT 11                                                              | 10         | 38.1 | 10.1         | 35.5   | 56.5 68           | 21.5 52          | I |  |  | 94 67                                   | 59.4         | 16.4         | 60.0           | 10 66  | 21.3        | 7.2          | 23.0          |  | OCT 11         |           |  |  |  |
| MONTH                                                               |            |      |              |        |                   |                  |   |  |  |                                         |              |              |                |        |             |              |               |  | MONTH          |           |  |  |  |
| MAY                                                                 | 9          | 39.1 | 4.7          | 39.0   | 47.4 62           | 30.6 66 M        | I |  |  | 99 68                                   | 82.7         | 11.4         | 82.0           | 6 66   | 13.9        | 3.7          | 15.0          |  | MAY            |           |  |  |  |
| JUN                                                                 | 18         | 36.7 | 5.5          | 37.5   | 42.4 58           | 25.3 60          | I |  |  | 95 58                                   | 77.3         | 13.7         | 79.0           | 9 55   | 14.6        | 3.6          | 15.0          |  | JUN            |           |  |  |  |
| JUL                                                                 | 20         | 23.2 | 5.5          | 21.5   | 36.9 56           | 15.6 61          | I |  |  | 85 56                                   | 53.4         | 14.7         | 50.0           | 5 61   | 9.8         | 2.9          | 10.0          |  | JUL            |           |  |  |  |
| AUG                                                                 | 20         | 23.6 | 6.2          | 22.0   | 34.5 65           | 14.1 70          | I |  |  | 99 62                                   | 64.2         | 24.0         | 67.0           | 5 70   | 9.6         | 3.9          | 9.0           |  | AUG            |           |  |  |  |
| SEP                                                                 | 18         | 29.2 | 5.7          | 29.0   | 42.0 59           | 19.9 51          | I |  |  | 99 55                                   | 74.7         | 14.5         | 74.0           | 6 66   | 9.6         | 2.0          | 10.0          |  | SEP            |           |  |  |  |

(con.)

Table 25 (Con.)

## DRY BULB TEMPERATURE

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101801 BONANZA GS<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                    |                   |   |   |   | 1964-1983<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |              |              |                |         |             |              |               |                |  |
|---------------------------------------------------------------------|------------|------|--------------|--------|--------------------|-------------------|---|---|---|------------------------------------------------------|--------------|--------------|----------------|---------|-------------|--------------|---------------|----------------|--|
| PRD.<br>BEGINS                                                      | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG, YR | LOWEST<br>AVG, YR | I | I | I | HIGH, YR                                             | AVG.<br>HIGH | STD.<br>DEV. | MEDIAN<br>HIGH | LOW, YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRD.<br>BEGINS |  |
| JUN 11                                                              | 7          | 63.7 | 4.3          | 65.0   | 69.9 82 M          | 57.2 73           | I | I | I | 82 68                                                | 74.7         | 4.1          | 76.0           | 40 73   | 52.7        | 8.6          | 53.0          | JUN 11         |  |
| JUN 21                                                              | 14         | 67.8 | 6.2          | 67.0   | 76.3 74            | 51.6 69           | I | I | I | 87 79                                                | 79.4         | 4.9          | 80.0           | 39 68   | 52.4        | 10.2         | 48.5          | JUN 21         |  |
| JUL 1                                                               | 18         | 70.8 | 6.2          | 72.0   | 80.1 68            | 57.0 82 M         | I | I | I | 91 73                                                | 80.6         | 6.5          | 81.0           | 45 69   | 57.4        | 7.4          | 56.5          | JUL 1          |  |
| JUL 11                                                              | 20         | 74.7 | 3.3          | 75.0   | 80.8 66            | 67.2 83           | I | I | I | 89 68                                                | 83.3         | 3.5          | 84.0           | 51 80   | 63.1        | 7.2          | 64.5          | JUL 11         |  |
| JUL 21                                                              | 20         | 77.3 | 3.3          | 76.0   | 85.8 68            | 72.4 73           | I | I | I | 92 68                                                | 84.3         | 3.2          | 84.5           | 52 75   | 65.9        | 7.8          | 66.0          | JUL 21         |  |
| AUG 1                                                               | 20         | 76.4 | 4.6          | 77.0   | 81.8 78            | 64.6 76           | I | I | I | 90 83                                                | 84.1         | 3.6          | 85.0           | 45 74   | 64.6        | 8.7          | 67.0          | AUG 1          |  |
| AUG 11                                                              | 20         | 72.6 | 6.5          | 72.0   | 82.5 67            | 61.5 78           | I | I | I | 87 81                                                | 81.6         | 3.7          | 82.0           | 42 78   | 60.4        | 10.5         | 57.0          | AUG 11         |  |
| AUG 21                                                              | 19         | 70.2 | 6.0          | 70.0   | 79.5 67            | 59.5 77           | I | I | I | 87 81                                                | 79.3         | 4.7          | 80.0           | 42 77   | 56.6        | 9.3          | 56.0          | AUG 21         |  |
| SEP 1                                                               | 18         | 69.3 | 4.8          | 70.5   | 76.6 66            | 59.7 70           | I | I | I | 85 76                                                | 79.3         | 4.0          | 79.5           | 41 73   | 55.3        | 8.9          | 56.0          | SEP 1          |  |
| SEP 11                                                              | 15         | 62.8 | 7.4          | 61.0   | 76.9 81 M          | 48.1 78           | I | I | I | 83 81                                                | 74.3         | 5.9          | 76.0           | 35 78   | 47.7        | 8.3          | 46.0          | SEP 11         |  |
| SEP 21                                                              | 11         | 61.2 | 8.7          | 60.0   | 71.9 67            | 47.2 72           | I | I | I | 80 67                                                | 71.9         | 6.3          | 71.0           | 35 71   | 47.1        | 10.6         | 43.0          | SEP 21         |  |
| MONTH                                                               |            |      |              |        |                    |                   |   |   |   | MONTH                                                |              |              |                |         |             |              |               |                |  |
| JUL                                                                 | 19         | 74.6 | 2.9          | 74.0   | 80.8 68            | 69.3 83           | I | I | I | 92 68                                                | 86.5         | 2.3          | 86.0           | 45 69   | 55.3        | 6.1          | 54.0          | JUL            |  |
| AUG                                                                 | 19         | 72.9 | 3.9          | 71.0   | 79.9 67            | 66.6 76           | I | I | I | 90 83                                                | 84.9         | 2.4          | 85.0           | 42 78   | 52.6        | 8.3          | 50.0          | AUG            |  |
| SEP                                                                 | 11         | 64.9 | 4.9          | 63.0   | 71.6 79            | 56.9 72           | I | I | I | 85 76                                                | 79.7         | 2.7          | 79.0           | 35 78   | 42.5        | 7.9          | 40.0          | SEP            |  |

## RELATIVE HUMIDITY

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101801 BONANZA GS |     |      |      |        |           |         |   |   |   | 1964-1983                               |      |      |        |       |      |      |        |        |  |
|----------------------------------|-----|------|------|--------|-----------|---------|---|---|---|-----------------------------------------|------|------|--------|-------|------|------|--------|--------|--|
| 10-DAY AND MONTHLY PERIOD MEANS  |     |      |      |        |           |         |   |   |   | 10-DAY AND MONTHLY EXTREME DAILY VALUES |      |      |        |       |      |      |        |        |  |
| PRD.                             | NO. |      |      |        |           |         |   |   |   |                                         |      |      |        |       |      |      |        | PRD.   |  |
| BEGINS                           | YRS | MEAN | STD. | MEDIAN | HIGHEST   | LOWEST  |   |   |   | HIGH, YR                                | AVG. | STD. | MEDIAN |       | AVG. | STD. | MEDIAN | BEGINS |  |
|                                  |     |      | DEV. |        | AVG, YR   | AVG, YR |   |   |   |                                         | HIGH | DEV. | HIGH   |       | LOW  | DEV. | LOW    |        |  |
| JUN 11                           | 7   | 38.8 | 8.0  | 37.0   | 49.4 73   | 29.8 68 | I | I | I | 93 73                                   | 64.1 | 16.3 | 59.0   | 12 77 | 21.3 | 5.2  | 24.0   | JUN 11 |  |
| JUN 21                           | 14  | 38.6 | 12.2 | 39.5   | 60.3 69   | 20.8 74 | I | I | I | 92 69                                   | 67.2 | 22.3 | 75.5   | 10 76 | 20.6 | 8.0  | 19.0   | JUN 21 |  |
| JUL 1                            | 18  | 32.3 | 13.2 | 29.5   | 67.5 82 M | 16.4 73 | I | I | I | 100 70                                  | 63.7 | 24.6 | 60.0   | 8 73  | 16.8 | 10.6 | 14.5   | JUL 1  |  |
| JUL 11                           | 20  | 29.5 | 7.9  | 29.0   | 44.4 78   | 17.1 66 | I | I | I | 84 73                                   | 54.8 | 18.3 | 57.0   | 10 79 | 15.4 | 5.6  | 14.0   | JUL 11 |  |
| JUL 21                           | 20  | 26.2 | 6.9  | 24.0   | 40.1 78   | 15.7 68 | I | I | I | 100 77                                  | 54.6 | 21.2 | 48.5   | 6 72  | 14.4 | 4.9  | 13.5   | JUL 21 |  |
| AUG 1                            | 20  | 26.2 | 8.4  | 24.5   | 42.4 74   | 14.0 72 | I | I | I | 100 74                                  | 54.1 | 25.7 | 55.0   | 5 79  | 13.6 | 4.1  | 13.0   | AUG 1  |  |
| AUG 11                           | 20  | 30.2 | 11.6 | 25.5   | 52.5 68   | 16.7 67 | I | I | I | 95 79                                   | 55.6 | 23.1 | 59.0   | 5 71  | 14.1 | 5.5  | 13.0   | AUG 11 |  |
| AUG 21                           | 19  | 30.0 | 8.5  | 30.0   | 43.6 73   | 17.3 81 | I | I | I | 93 77                                   | 61.5 | 22.5 | 69.0   | 9 72  | 15.3 | 5.0  | 14.0   | AUG 21 |  |
| SEP 1                            | 18  | 28.2 | 8.3  | 27.0   | 49.0 70   | 18.6 66 | I | I | I | 87 80                                   | 53.4 | 21.7 | 53.5   | 8 72  | 14.2 | 4.0  | 14.0   | SEP 1  |  |
| SEP 11                           | 15  | 34.4 | 13.5 | 34.0   | 56.3 78   | 14.2 79 | I | I | I | 100 78                                  | 63.8 | 21.4 | 66.0   | 9 74  | 15.9 | 6.3  | 13.0   | SEP 11 |  |
| SEP 21                           | 11  | 34.6 | 11.7 | 31.0   | 50.5 83   | 16.9 74 | I | I | I | 100 83                                  | 62.5 | 27.5 | 62.0   | 7 74  | 16.6 | 5.0  | 16.0   | SEP 21 |  |
| MONTH                            |     |      |      |        |           |         |   |   |   | MONTH                                   |      |      |        |       |      |      |        |        |  |
| JUL                              | 19  | 29.2 | 7.7  | 28.0   | 47.0 82 M | 19.7 72 | I | I | I | 100 77                                  | 75.6 | 17.8 | 81.0   | 6 72  | 12.2 | 3.5  | 12.0   | JUL    |  |
| AUG                              | 19  | 29.2 | 6.3  | 28.0   | 39.6 83   | 18.2 67 | I | I | I | 100 74                                  | 77.0 | 19.5 | 83.0   | 5 79  | 10.8 | 2.8  | 12.0   | AUG    |  |
| SEP                              | 11  | 31.2 | 7.1  | 33.0   | 41.8 78   | 19.7 74 | I | I | I | 100 83                                  | 79.5 | 15.4 | 84.0   | 7 74  | 11.4 | 3.4  | 11.0   | SEP    |  |

(con.)

Table 25 (Con.)

## DRY PULB TEMPERATURE

| STATION NUMBER 101204 CASCADE RS<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                   |                  |     | MEAN, STANDARD DEVIATION, AND EXTREME VALUES<br>1964-1983<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |              |              |                |        |             |              |               |                |  |
|---------------------------------------------------------------------|------------|------|--------------|--------|-------------------|------------------|-----|------------------------------------------------------------------------------------------------------|--------------|--------------|----------------|--------|-------------|--------------|---------------|----------------|--|
| PRD.<br>BEGINS                                                      | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG.YR | LOWEST<br>AVG.YR | I   | HIGH.YR                                                                                              | AVG.<br>HIGH | STD.<br>DEV. | MEDIAN<br>HIGH | LOW.YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRD.<br>BEGINS |  |
| MAY 1                                                               | 12         | 56.3 | 7.7          | 55.5   | 70.6 66           | 46.9 75          | M I | 81 66                                                                                                | 67.2         | 7.4          | 68.0           | 35 70  | 43.7        | 8.0          | 43.0          | MAY 1          |  |
| MAY 11                                                              | 14         | 58.7 | 6.7          | 58.0   | 74.7 73           | 49.1 78          | M I | 80 73                                                                                                | 69.9         | 6.5          | 71.0           | 37 67  | 47.4        | 7.0          | 47.5          | MAY 11         |  |
| MAY 21                                                              | 15         | 63.0 | 6.2          | 63.0   | 76.9 83           | 49.0 78          | M I | 83 83                                                                                                | 75.6         | 5.3          | 75.0           | 37 78  | 50.3        | 6.4          | 51.0          | MAY 21         |  |
| JUN 1                                                               | 15         | 65.1 | 6.3          | 63.0   | 75.0 69           | 55.1 67          | I   | 84 69                                                                                                | 75.1         | 5.8          | 75.0           | 44 66  | 53.6        | 8.2          | 52.0          | JUN 1          |  |
| JUN 11                                                              | 18         | 65.5 | 5.4          | 65.5   | 73.9 82           | 56.5 64          | I   | 85 68                                                                                                | 76.2         | 6.6          | 78.0           | 42 83  | 53.1        | 7.3          | 54.0          | JUN 11         |  |
| JUN 21                                                              | 18         | 70.9 | 5.5          | 71.0   | 81.3 73           | 55.2 69          | I   | 89 70                                                                                                | 82.8         | 4.8          | 83.0           | 43 70  | 58.6        | 8.5          | 61.0          | JUN 21         |  |
| JUL 1                                                               | 18         | 75.9 | 5.4          | 76.5   | 84.0 68           | 65.6 78          | I   | 95 73                                                                                                | 85.2         | 4.3          | 85.5           | 53 83  | 64.6        | 6.9          | 64.0          | JUL 1          |  |
| JUL 11                                                              | 20         | 77.9 | 3.5          | 77.5   | 82.7 67           | 70.3 83          | I   | 94 67                                                                                                | 86.4         | 4.0          | 87.5           | 54 83  | 66.3        | 6.5          | 67.0          | JUL 11         |  |
| JUL 21                                                              | 20         | 80.9 | 2.5          | 80.5   | 84.5 80           | 76.2 76          | I   | 93 80                                                                                                | 88.3         | 2.6          | 88.5           | 60 77  | 71.4        | 6.3          | 73.5          | JUL 21         |  |
| AUG 1                                                               | 18         | 79.5 | 4.1          | 80.5   | 83.9 66           | 68.0 76          | I   | 94 83                                                                                                | 87.0         | 3.6          | 88.0           | 57 76  | 70.3        | 6.6          | 71.5          | AUG 1          |  |
| AUG 11                                                              | 19         | 76.0 | 7.1          | 76.0   | 88.6 67           | 61.6 68          | I   | 92 67                                                                                                | 85.5         | 4.1          | 85.0           | 48 68  | 64.1        | 11.0         | 63.0          | AUG 11         |  |
| AUG 21                                                              | 19         | 73.1 | 6.4          | 71.0   | 84.4 70           | 62.2 77          | I   | 94 69                                                                                                | 83.3         | 5.2          | 82.0           | 48 64  | 61.9        | 8.7          | 60.0          | AUG 21         |  |
| SEP 1                                                               | 19         | 71.7 | 4.7          | 72.0   | 80.2 66           | 63.6 70          | I   | 88 73                                                                                                | 81.4         | 4.6          | 82.0           | 46 70  | 58.5        | 7.2          | 58.0          | SEP 1          |  |
| SEP 11                                                              | 19         | 64.5 | 6.2          | 66.0   | 77.0 81           | 52.7 78          | M I | 87 81                                                                                                | 75.5         | 5.2          | 76.0           | 38 68  | 50.3        | 7.0          | 50.0          | SEP 11         |  |
| SEP 21                                                              | 17         | 62.8 | 6.7          | 62.0   | 74.3 67           | 50.7 77          | I   | 85 66                                                                                                | 72.3         | 6.8          | 72.0           | 41 82  | 50.7        | 6.7          | 50.0          | SEP 21         |  |
| OCT 1                                                               | 15         | 59.6 | 6.3          | 58.0   | 70.3 79           | 50.4 69          | I   | 78 79                                                                                                | 69.7         | 4.6          | 70.0           | 39 75  | 49.2        | 8.0          | 46.0          | OCT 1          |  |
| OCT 11                                                              | 15         | 53.6 | 5.2          | 54.0   | 60.7 78           | 43.8 68          | I   | 71 79                                                                                                | 62.7         | 5.4          | 64.0           | 38 68  | 44.7        | 6.3          | 42.0          | OCT 11         |  |
| OCT 21                                                              | 12         | 48.3 | 5.5          | 49.0   | 55.6 65           | 36.1 70          | M I | 65 83                                                                                                | 57.9         | 6.7          | 58.5           | 31 70  | 40.1        | 5.8          | 40.0          | OCT 21         |  |
| MONTH                                                               |            |      |              |        |                   |                  |     |                                                                                                      |              |              |                |        |             |              |               | MONTH          |  |
| MAY                                                                 | 11         | 60.7 | 2.9          | 59.0   | 66.3 66           | 57.0 68          | I   | 83 83                                                                                                | 77.6         | 3.3          | 77.0           | 35 70  | 40.9        | 4.9          | 42.0          | MAY            |  |
| JUN                                                                 | 15         | 67.0 | 2.6          | 66.0   | 71.7 73           | 61.5 71          | I   | 89 70                                                                                                | 83.8         | 3.1          | 83.0           | 42 83  | 47.3        | 4.6          | 46.0          | JUN            |  |
| JUL                                                                 | 18         | 78.3 | 2.7          | 78.0   | 82.4 66           | 71.4 83          | M I | 95 73                                                                                                | 90.2         | 2.7          | 90.0           | 53 83  | 62.3        | 6.0          | 62.0          | JUL            |  |
| AUG                                                                 | 18         | 76.1 | 4.5          | 74.0   | 84.5 67           | 69.4 76          | I   | 94 83                                                                                                | 88.6         | 2.8          | 88.5           | 48 68  | 58.9        | 7.5          | 57.0          | AUG            |  |
| SEP                                                                 | 17         | 66.7 | 4.0          | 65.0   | 73.0 67           | 60.2 65          | M I | 88 73                                                                                                | 82.2         | 4.2          | 82.0           | 38 68  | 47.1        | 5.7          | 46.0          | SEP            |  |
| OCT                                                                 | 12         | 54.5 | 4.3          | 55.0   | 59.4 78           | 46.6 70          | M I | 78 79                                                                                                | 70.7         | 4.3          | 70.0           | 31 70  | 38.7        | 3.4          | 39.0          | OCT            |  |

## RELATIVE HUMIDITY

| STATION NUMBER 101204 CASCADE RS<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                   |                  |     | MEAN, STANDARD DEVIATION, AND EXTREME VALUES<br>1964-1983<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |              |              |                |        |             |              |               |                |  |
|---------------------------------------------------------------------|------------|------|--------------|--------|-------------------|------------------|-----|------------------------------------------------------------------------------------------------------|--------------|--------------|----------------|--------|-------------|--------------|---------------|----------------|--|
| PRD.<br>BEGINS                                                      | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG.YR | LOWEST<br>AVG.YR | I   | HIGH.YR                                                                                              | AVG.<br>HIGH | STD.<br>DEV. | MEDIAN<br>HIGH | LOW.YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRD.<br>BEGINS |  |
| MAY 1                                                               | 12         | 41.6 | 10.1         | 41.0   | 59.3 75           | 27.2 66          | M I | 86 83                                                                                                | 70.5         | 12.9         | 71.5           | 11 66  | 22.8        | 7.6          | 21.0          | MAY 1          |  |
| MAY 11                                                              | 14         | 42.1 | 12.9         | 40.5   | 69.4 78           | 18.7 73          | M I | 93 68                                                                                                | 64.4         | 21.5         | 62.5           | 8 70   | 22.5        | 10.2         | 22.5          | MAY 11         |  |
| MAY 21                                                              | 15         | 40.3 | 10.2         | 40.0   | 64.3 78           | 25.1 83          | M I | 100 78                                                                                               | 69.9         | 17.2         | 68.0           | 17 70  | 21.7        | 3.3          | 22.0          | MAY 21         |  |
| JUN 1                                                               | 15         | 42.4 | 10.8         | 43.0   | 65.2 67           | 25.8 65          | I   | 94 67                                                                                                | 66.9         | 20.7         | 76.0           | 11 65  | 22.6        | 8.2          | 20.0          | JUN 1          |  |
| JUN 11                                                              | 18         | 42.8 | 10.9         | 39.5   | 65.8 64           | 26.6 79          | M I | 89 65                                                                                                | 68.1         | 16.7         | 70.0           | 9 71   | 22.9        | 8.6          | 21.5          | JUN 11         |  |
| JUN 21                                                              | 18         | 37.7 | 10.5         | 37.0   | 65.0 69           | 23.3 81          | M I | 94 71                                                                                                | 62.4         | 19.6         | 60.0           | 6 73   | 19.8        | 5.9          | 20.0          | JUN 21         |  |
| JUL 1                                                               | 18         | 31.1 | 8.2          | 30.5   | 52.3 78           | 19.1 73          | I   | 89 82                                                                                                | 52.2         | 16.6         | 50.5           | 5 73   | 18.5        | 6.4          | 18.5          | JUL 1          |  |
| JUL 11                                                              | 20         | 30.0 | 6.9          | 28.0   | 43.5 75           | 20.7 79          | I   | 80 76                                                                                                | 49.4         | 15.4         | 47.5           | 13 79  | 19.1        | 5.9          | 18.0          | JUL 11         |  |
| JUL 21                                                              | 20         | 26.2 | 5.6          | 27.0   | 39.0 76           | 14.9 66          | I   | 84 77                                                                                                | 47.1         | 16.6         | 48.0           | 6 73   | 15.4        | 4.0          | 16.0          | JUL 21         |  |
| AUG 1                                                               | 18         | 26.1 | 8.5          | 22.5   | 51.8 76           | 17.8 69          | I   | 89 65                                                                                                | 43.6         | 19.8         | 36.0           | 10 79  | 15.7        | 4.3          | 16.5          | AUG 1          |  |
| AUG 11                                                              | 19         | 31.5 | 12.8         | 27.0   | 57.5 68           | 15.2 70          | I   | 100 65                                                                                               | 56.9         | 27.2         | 48.0           | 7 70   | 17.2        | 6.1          | 16.0          | AUG 11         |  |
| AUG 21                                                              | 19         | 32.7 | 10.4         | 32.0   | 48.5 77           | 16.3 70          | I   | 93 64                                                                                                | 58.3         | 23.0         | 58.0           | 9 70   | 17.7        | 6.2          | 17.0          | AUG 21         |  |
| SEP 1                                                               | 19         | 31.4 | 8.8          | 30.0   | 53.5 78           | 17.1 66          | I   | 93 73                                                                                                | 56.1         | 23.3         | 47.0           | 6 66   | 18.6        | 6.6          | 18.0          | SEP 1          |  |
| SEP 11                                                              | 19         | 38.7 | 10.0         | 38.0   | 56.5 80           | 20.1 79          | M I | 94 80                                                                                                | 68.2         | 21.1         | 66.0           | 9 69   | 20.4        | 8.6          | 19.0          | SEP 11         |  |
| SEP 21                                                              | 17         | 39.9 | 11.1         | 36.0   | 62.9 77           | 25.6 75          | I   | 93 77                                                                                                | 65.0         | 18.3         | 69.0           | 9 65   | 21.9        | 9.0          | 20.0          | SEP 21         |  |
| OCT 1                                                               | 15         | 39.4 | 10.6         | 35.0   | 59.0 67           | 23.8 65          | I   | 92 67                                                                                                | 65.1         | 21.3         | 70.0           | 9 79   | 22.3        | 7.6          | 23.0          | OCT 1          |  |
| OCT 11                                                              | 15         | 46.3 | 8.3          | 43.0   | 66.5 68           | 35.3 78          | I   | 100 64                                                                                               | 72.3         | 18.1         | 75.0           | 16 66  | 29.3        | 8.4          | 28.0          | OCT 11         |  |
| OCT 21                                                              | 12         | 53.7 | 12.8         | 55.0   | 74.3 70           | 28.9 78          | M I | 100 76                                                                                               | 74.4         | 19.0         | 74.0           | 9 72   | 35.0        | 14.2         | 35.5          | OCT 21         |  |
| MONTH                                                               |            |      |              |        |                   |                  |     |                                                                                                      |              |              |                |        |             |              |               | MONTH          |  |
| MAY                                                                 | 11         | 39.0 | 5.3          | 39.0   | 46.8 80           | 31.7 66          | M I | 100 78                                                                                               | 81.3         | 10.5         | 85.0           | 8 70   | 16.8        | 5.2          | 18.0          | MAY            |  |
| JUN                                                                 | 15         | 41.5 | 6.2          | 39.0   | 53.2 71           | 33.6 73          | M I | 94 71                                                                                                | 82.8         | 10.3         | 86.0           | 6 73   | 16.2        | 5.3          | 17.0          | JUN            |  |
| JUL                                                                 | 18         | 28.9 | 5.9          | 27.0   | 41.4 78           | 20.3 66          | I   | 89 82                                                                                                | 61.1         | 15.6         | 57.5           | 5 73   | 14.4        | 4.1          | 14.0          | JUL            |  |
| AUG                                                                 | 18         | 29.9 | 8.7          | 28.5   | 46.1 76           | 17.4 70          | I   | 100 65                                                                                               | 68.3         | 24.6         | 71.5           | 7 70   | 14.0        | 4.6          | 13.0          | AUG            |  |
| SEP                                                                 | 17         | 35.9 | 5.9          | 36.0   | 46.7 80           | 27.2 79          | M I | 94 80                                                                                                | 81.4         | 12.9         | 86.0           | 6 66   | 14.3        | 4.4          | 14.0          | SEP            |  |
| OCT                                                                 | 12         | 46.2 | 6.3          | 45.0   | 54.8 69           | 32.2 78          | M I | 100 76                                                                                               | 84.6         | 15.5         | 92.0           | 9 79   | 18.6        | 6.9          | 19.0          | OCT            |  |

(con.)

Table 25 (Con.)

| DRY BULB TEMPERATURE             |         |      |           |        |                |               |     | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |        |          |           |            |             |  |
|----------------------------------|---------|------|-----------|--------|----------------|---------------|-----|----------------------------------------------|-----------|-----------|-------------|--------|----------|-----------|------------|-------------|--|
| STATION NUMBER 101803 CHALLIS RS |         |      |           |        |                |               |     | 1964-1983                                    |           |           |             |        |          |           |            |             |  |
| 10-DAY AND MONTHLY PERIOD MEANS  |         |      |           |        |                |               |     | 10-DAY AND MONTHLY EXTREME DAILY VALUFS      |           |           |             |        |          |           |            |             |  |
| PRD. BEGINS                      | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR | I   | HIGH,YR                                      | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW,YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |  |
| MAY 1                            | 7       | 62.2 | 9.6       | 63.0   | 79.1 66        | 51.4 64       | I   | 88 66                                        | 75.0      | 7.5       | 76.0        | 39 65  | 46.7     | 8.6       | 44.0       | MAY 1       |  |
| MAY 11                           | 8       | 64.7 | 5.5       | 64.0   | 73.6 64        | 56.4 71       | I   | 82 70                                        | 77.3      | 4.2       | 78.0        | 40 71  | 51.5     | 8.5       | 51.5       | MAY 11      |  |
| MAY 21                           | 11      | 65.5 | 5.4       | 64.0   | 75.2 69        | 57.0 78       | M I | 86 67                                        | 79.0      | 5.1       | 80.0        | 43 78  | 51.5     | 6.8       | 51.0       | MAY 21      |  |
| JUN 1                            | 16      | 68.5 | 6.6       | 67.0   | 78.4 77        | 60.0 82       | M I | 90 69                                        | 79.3      | 6.2       | 80.0        | 44 71  | 56.8     | 7.4       | 57.0       | JUN 1       |  |
| JUN 11                           | 17      | 69.9 | 4.2       | 70.0   | 75.2 79        | 61.2 64       | I   | 88 79                                        | 80.7      | 4.7       | 81.0        | 49 76  | 58.8     | 4.9       | 60.0       | JUN 11      |  |
| JUN 21                           | 18      | 74.5 | 6.1       | 74.5   | 83.1 73        | 58.9 69       | I   | 93 79                                        | 86.3      | 6.0       | 88.0        | 47 68  | 58.7     | 8.0       | 58.5       | JUN 21      |  |
| JUL 1                            | 19      | 78.5 | 5.7       | 79.0   | 86.1 73        | 66.6 82       | I   | 97 81                                        | 87.5      | 4.9       | 88.0        | 52 69  | 65.5     | 8.9       | 67.0       | JUL 1       |  |
| JUL 11                           | 20      | 81.9 | 3.5       | 81.5   | 89.4 66        | 73.4 83       | I   | 95 66                                        | 89.8      | 3.1       | 89.5        | 59 83  | 70.8     | 5.9       | 71.5       | JUL 11      |  |
| JUL 21                           | 20      | 83.3 | 3.0       | 82.5   | 87.9 80        | 78.5 77       | I   | 95 80                                        | 90.4      | 2.8       | 91.0        | 58 72  | 72.6     | 7.2       | 73.0       | JUL 21      |  |
| AUG 1                            | 20      | 82.1 | 4.3       | 82.0   | 89.0 79        | 70.6 76       | I   | 94 79                                        | 90.1      | 3.1       | 90.5        | 52 74  | 70.6     | 7.7       | 72.0       | AUG 1       |  |
| AUG 11                           | 20      | 78.6 | 6.7       | 78.5   | 88.0 67        | 64.0 68       | I   | 93 71                                        | 87.9      | 3.8       | 89.0        | 52 78  | 66.3     | 10.4      | 63.5       | AUG 11      |  |
| AUG 21                           | 20      | 76.3 | 6.1       | 75.0   | 86.3 67        | 67.6 65       | I   | 95 69                                        | 85.6      | 4.9       | 85.0        | 52 73  | 64.9     | 8.5       | 65.5       | AUG 21      |  |
| SEP 1                            | 20      | 74.0 | 3.9       | 73.0   | 81.0 66        | 67.4 70       | I   | 90 69                                        | 83.8      | 3.2       | 84.0        | 51 73  | 61.1     | 6.3       | 60.5       | SEP 1       |  |
| SEP 11                           | 20      | 65.7 | 6.1       | 66.0   | 77.7 81        | 54.5 65       | I   | 87 73                                        | 78.4      | 4.9       | 79.0        | 36 65  | 51.2     | 8.1       | 52.5       | SEP 11      |  |
| SEP 21                           | 19      | 65.2 | 6.2       | 66.0   | 75.3 67        | 54.7 71       | I   | 89 66                                        | 76.3      | 5.3       | 76.0        | 38 71  | 51.2     | 7.8       | 53.0       | SEP 21      |  |
| OCT 1                            | 15      | 63.5 | 5.7       | 63.0   | 73.4 65        | 53.0 69       | I   | 82 65                                        | 74.6      | 4.2       | 75.0        | 42 75  | 50.2     | 6.7       | 47.0       | OCT 1       |  |
| OCT 11                           | 13      | 57.6 | 5.6       | 58.0   | 68.7 73        | 46.8 69       | I   | 78 73                                        | 69.3      | 6.7       | 70.0        | 36 69  | 46.8     | 6.8       | 45.0       | OCT 11      |  |
| OCT 21                           | 7       | 52.6 | 5.4       | 54.0   | 57.2 66        | 41.5 71       | I   | 66 64                                        | 63.9      | 2.7       | 65.0        | 24 71  | 40.0     | 7.6       | 43.0       | OCT 21      |  |
| MONTH                            |         |      |           |        |                |               |     | MONTH                                        |           |           |             |        |          |           |            |             |  |
| MAY                              | 7       | 65.1 | 4.5       | 63.0   | 71.4 66        | 60.5 71       | I   | 88 66                                        | 81.9      | 4.6       | 82.0        | 39 65  | 42.4     | 3.6       | 40.0       | MAY         |  |
| JUN                              | 15      | 70.8 | 2.4       | 70.0   | 76.2 77        | 66.8 64       | I   | 93 79                                        | 87.9      | 3.3       | 88.0        | 44 71  | 50.9     | 3.8       | 50.0       | JUN         |  |
| JUL                              | 20      | 81.4 | 3.0       | 81.0   | 86.4 64        | 74.8 83       | I   | 97 81                                        | 92.5      | 2.1       | 92.5        | 52 69  | 62.6     | 6.2       | 62.0       | JUL         |  |
| AUG                              | 20      | 78.9 | 4.3       | 77.5   | 86.1 69        | 71.6 76       | I   | 95 69                                        | 90.9      | 2.8       | 91.0        | 52 78  | 60.8     | 7.5       | 60.0       | AUG         |  |
| SEP                              | 19      | 68.4 | 3.9       | 67.0   | 75.6 79        | 61.4 65       | I   | 90 69                                        | 84.3      | 3.3       | 84.0        | 36 65  | 46.8     | 7.2       | 46.0       | SEP         |  |
| OCT                              | 7       | 56.8 | 3.6       | 55.0   | 61.1 64        | 51.4 69       | I   | 82 65                                        | 73.1      | 3.6       | 76.0        | 24 71  | 38.7     | 7.3       | 42.0       | OCT         |  |

| RELATIVE HUMIDITY                |         |      |           |        |                |               |     | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |        |          |           |            |             |  |
|----------------------------------|---------|------|-----------|--------|----------------|---------------|-----|----------------------------------------------|-----------|-----------|-------------|--------|----------|-----------|------------|-------------|--|
| STATION NUMBER 101803 CHALLIS RS |         |      |           |        |                |               |     | 1964-1983                                    |           |           |             |        |          |           |            |             |  |
| 10-DAY AND MONTHLY PERIOD MEANS  |         |      |           |        |                |               |     | 10-DAY AND MONTHLY EXTREME DAILY VALUFS      |           |           |             |        |          |           |            |             |  |
| PRD. BEGINS                      | NO. YRS | MEAN | STD. DEV. | MEDIAN | HIGHEST AVG.YR | LOWEST AVG.YR | I   | HIGH,YR                                      | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW,YR | AVG. LOW | STD. DEV. | MEDIAN LOW | PRD. BEGINS |  |
| MAY 1                            | 7       | 28.1 | 9.6       | 24.0   | 47.4 64        | 19.2 69       | I   | 71 70                                        | 53.4      | 16.5      | 53.0        | 8 66   | 15.7     | 6.6       | 16.0       | MAY 1       |  |
| MAY 11                           | 8       | 24.7 | 6.6       | 23.5   | 33.5 71        | 14.6 64       | I   | 60 70                                        | 46.0      | 14.4      | 50.0        | 8 69   | 12.6     | 3.7       | 12.0       | MAY 11      |  |
| MAY 21                           | 11      | 31.7 | 8.7       | 31.0   | 47.7 78        | 17.7 69       | I   | 90 78                                        | 61.9      | 21.4      | 68.0        | 12 69  | 15.0     | 2.8       | 14.0       | MAY 21      |  |
| JUN 1                            | 16      | 31.3 | 10.4      | 28.0   | 50.9 64        | 17.8 76       | M I | 87 68                                        | 57.3      | 21.0      | 58.0        | 5 77   | 16.8     | 6.9       | 16.5       | JUN 1       |  |
| JUN 11                           | 17      | 29.6 | 7.9       | 30.0   | 46.5 64        | 16.3 78       | I   | 94 76                                        | 52.4      | 18.0      | 47.0        | 8 79   | 17.5     | 4.9       | 18.0       | JUN 11      |  |
| JUN 21                           | 18      | 28.0 | 10.6      | 23.0   | 50.1 69        | 16.0 81       | M I | 94 71                                        | 57.3      | 20.7      | 55.5        | 6 79   | 13.7     | 6.4       | 12.0       | JUN 21      |  |
| JUL 1                            | 19      | 24.9 | 7.4       | 25.0   | 37.9 82        | 10.2 73       | I   | 94 70                                        | 51.1      | 20.6      | 49.0        | 5 73   | 11.6     | 4.1       | 11.0       | JUL 1       |  |
| JUL 11                           | 20      | 22.1 | 9.1       | 18.5   | 45.7 83        | 9.5 66        | I   | 69 67                                        | 41.1      | 15.7      | 43.0        | 5 69   | 12.4     | 6.3       | 11.0       | JUL 11      |  |
| JUL 21                           | 20      | 21.2 | 5.4       | 19.0   | 33.9 83        | 13.1 66       | I   | 85 77                                        | 45.8      | 16.1      | 42.0        | 7 65   | 10.7     | 3.3       | 10.0       | JUL 21      |  |
| AUG 1                            | 20      | 22.3 | 7.9       | 22.5   | 35.4 83        | 9.0 69        | I   | 85 70                                        | 47.3      | 23.7      | 48.5        | 5 79   | 10.8     | 3.4       | 10.5       | AUG 1       |  |
| AUG 11                           | 20      | 25.9 | 10.9      | 22.0   | 45.9 68        | 13.1 70       | I   | 89 79                                        | 48.8      | 23.2      | 46.5        | 7 70   | 12.3     | 4.4       | 11.5       | AUG 11      |  |
| AUG 21                           | 20      | 24.2 | 6.8       | 23.0   | 35.5 83        | 11.2 69       | I   | 73 83                                        | 44.4      | 15.7      | 44.5        | 6 69   | 12.0     | 3.1       | 11.5       | AUG 21      |  |
| SEP 1                            | 20      | 23.1 | 6.0       | 20.5   | 34.3 78        | 15.8 83       | I   | 75 73                                        | 42.6      | 14.5      | 39.5        | 8 79   | 12.3     | 3.0       | 11.5       | SEP 1       |  |
| SEP 11                           | 20      | 30.1 | 8.7       | 29.0   | 44.3 82        | 15.4 79       | I   | 85 82                                        | 54.4      | 19.6      | 57.5        | 6 69   | 15.2     | 5.3       | 14.0       | SEP 11      |  |
| SEP 21                           | 19      | 28.6 | 7.5       | 27.0   | 42.9 82        | 16.9 70       | I   | 84 71                                        | 49.4      | 18.2      | 49.0        | 10 74  | 16.1     | 4.1       | 16.0       | SEP 21      |  |
| OCT 1                            | 15      | 26.0 | 8.4       | 24.0   | 42.0 67        | 14.5 79       | I   | 85 67                                        | 46.9      | 18.9      | 50.0        | 6 76   | 15.7     | 6.5       | 15.0       | OCT 1       |  |
| OCT 11                           | 13      | 29.7 | 6.4       | 30.0   | 39.2 79        | 21.3 70       | I   | 82 79                                        | 50.2      | 16.4      | 47.0        | 5 75   | 16.2     | 5.6       | 15.0       | OCT 11      |  |
| OCT 21                           | 7       | 30.9 | 8.6       | 29.0   | 47.8 71        | 19.7 78       | M I | 89 71                                        | 52.9      | 21.6      | 46.0        | 6 66   | 18.1     | 7.3       | 17.0       | OCT 21      |  |
| MONTH                            |         |      |           |        |                |               |     | MONTH                                        |           |           |             |        |          |           |            |             |  |
| MAY                              | 7       | 27.1 | 4.9       | 29.0   | 32.1 71        | 20.1 69       | I   | 90 78                                        | 69.1      | 12.2      | 72.0        | 8 69   | 10.7     | 2.8       | 12.0       | MAY         |  |
| JUN                              | 15      | 30.3 | 5.6       | 29.0   | 41.6 82        | 19.0 78       | I   | 94 76                                        | 74.1      | 16.5      | 78.0        | 5 77   | 11.7     | 3.8       | 12.0       | JUN         |  |
| JUL                              | 20      | 22.6 | 6.0       | 23.0   | 37.3 83        | 13.5 66       | I   | 94 70                                        | 60.1      | 16.7      | 61.5        | 5 73   | 8.9      | 2.6       | 9.0        | JUL         |  |
| AUG                              | 20      | 24.2 | 6.6       | 23.0   | 38.7 83        | 11.5 69       | I   | 89 79                                        | 64.9      | 17.2      | 65.0        | 5 79   | 9.3      | 2.5       | 9.5        | AUG         |  |
| SEP                              | 19      | 27.1 | 5.0       | 25.0   | 35.1 82        | 17.5 79       | I   | 85 82                                        | 64.6      | 14.6      | 67.0        | 6 69   | 11.6     | 2.9       | 11.0       | SEP         |  |
| OCT                              | 7       | 28.8 | 5.8       | 27.0   | 36.3 71        | 20.6 78       | M I | 89 71                                        | 66.4      | 18.9      | 64.0        | 5 75   | 13.6     | 3.6       | 15.0       | OCT         |  |

## RELATIVE HUMIDITY

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101803 CHALLIS RS |     |      |      |        |         |         |         |          |       | 1964-1983                               |        |         |       |      |        |        |      |  |  |
|----------------------------------|-----|------|------|--------|---------|---------|---------|----------|-------|-----------------------------------------|--------|---------|-------|------|--------|--------|------|--|--|
| 10-DAY AND MONTHLY PERIOD MEANS  |     |      |      |        |         |         |         |          |       | 10-DAY AND MONTHLY EXTREME DAILY VALUES |        |         |       |      |        |        |      |  |  |
| PRD.                             | NO. |      |      |        |         |         |         |          |       |                                         |        |         |       |      |        |        | PRD. |  |  |
| BEGINS                           | YRS | MEAN | STD. | MEDIAN | HIGHEST | LOWEST  | I       | HIGH, YR | AVG.  | STD.                                    | MEDIAN | LOW, YR | AVG.  | STD. | MEDIAN | BEGINS |      |  |  |
|                                  |     |      | DEV. |        | AVG. YR | AVG. YR | I       |          | HIGH  | DEV.                                    | HIGH   |         | LOW   | DEV. | LOW    |        |      |  |  |
| MAY                              | 1   | 7    | 28.1 | 9.6    | 24.0    | 47.4 64 | 19.2 69 | I        | 71 70 | 53.4                                    | 16.5   | 53.0    | 8 66  | 15.7 | 6.6    | 16.0   | MAY  |  |  |
| MAY                              | 11  | 8    | 24.7 | 6.6    | 23.5    | 33.5 71 | 14.6 64 | I        | 60 70 | 46.0                                    | 14.4   | 50.0    | 8 69  | 12.6 | 3.7    | 12.0   | MAY  |  |  |
| MAY                              | 21  | 11   | 31.7 | 8.7    | 31.0    | 47.7 78 | 17.7 69 | I        | 90 78 | 61.9                                    | 21.4   | 68.0    | 12 69 | 15.0 | 2.8    | 14.0   | MAY  |  |  |
| JUN                              | 1   | 16   | 31.3 | 10.4   | 28.0    | 50.9 64 | 17.8 76 | M I      | 87 68 | 57.3                                    | 21.0   | 58.0    | 5 77  | 16.8 | 6.9    | 16.5   | JUN  |  |  |
| JUN                              | 11  | 17   | 29.6 | 7.9    | 30.0    | 46.5 64 | 16.3 78 | I        | 94 76 | 52.4                                    | 18.0   | 47.0    | 8 79  | 17.5 | 4.9    | 18.0   | JUN  |  |  |
| JUN                              | 21  | 18   | 28.0 | 10.6   | 23.0    | 50.1 69 | 16.0 81 | M I      | 94 71 | 57.3                                    | 20.7   | 55.5    | 6 79  | 13.7 | 6.4    | 12.0   | JUN  |  |  |
| JUL                              | 1   | 19   | 24.9 | 7.4    | 25.0    | 37.9 82 | 10.2 73 | I        | 94 70 | 51.1                                    | 20.6   | 49.0    | 5 73  | 11.6 | 4.1    | 11.0   | JUL  |  |  |
| JUL                              | 11  | 20   | 22.1 | 9.1    | 18.5    | 45.7 83 | 9.5 66  | I        | 69 67 | 41.1                                    | 15.7   | 43.0    | 5 69  | 12.4 | 6.3    | 11.0   | JUL  |  |  |
| JUL                              | 21  | 20   | 21.2 | 5.4    | 19.0    | 33.9 83 | 13.1 66 | I        | 85 77 | 45.8                                    | 16.1   | 42.0    | 7 65  | 10.7 | 3.3    | 10.0   | JUL  |  |  |
| AUG                              | 1   | 20   | 22.3 | 7.9    | 22.5    | 35.4 83 | 9.0 69  | I        | 85 70 | 47.3                                    | 23.7   | 48.5    | 5 79  | 10.8 | 3.4    | 10.5   | AUG  |  |  |
| AUG                              | 11  | 20   | 25.9 | 10.9   | 22.0    | 45.9 68 | 13.1 70 | I        | 89 79 | 48.8                                    | 23.2   | 46.5    | 7 70  | 12.3 | 4.4    | 11.5   | AUG  |  |  |
| AUG                              | 21  | 20   | 24.2 | 6.8    | 23.0    | 35.5 83 | 11.2 69 | I        | 73 83 | 44.4                                    | 15.7   | 44.5    | 6 69  | 12.0 | 3.1    | 11.5   | AUG  |  |  |
| SEP                              | 1   | 20   | 23.1 | 6.0    | 20.5    | 34.3 78 | 15.8 83 | I        | 75 73 | 42.6                                    | 14.5   | 39.5    | 8 79  | 12.3 | 3.0    | 11.5   | SEP  |  |  |
| SEP                              | 11  | 20   | 30.1 | 8.7    | 29.0    | 44.3 82 | 15.4 79 | I        | 85 82 | 54.4                                    | 19.6   | 57.5    | 6 69  | 15.2 | 5.3    | 14.0   | SEP  |  |  |
| SEP                              | 21  | 19   | 28.6 | 7.5    | 27.0    | 42.9 82 | 16.9 70 | I        | 84 71 | 49.4                                    | 18.2   | 49.0    | 10 74 | 16.1 | 4.1    | 16.0   | SEP  |  |  |
| OCT                              | 1   | 15   | 26.0 | 8.4    | 24.0    | 42.0 67 | 14.5 79 | I        | 85 67 | 46.9                                    | 18.9   | 50.0    | 6 76  | 15.7 | 6.5    | 15.0   | OCT  |  |  |
| OCT                              | 11  | 13   | 29.7 | 6.4    | 30.0    | 39.2 79 | 21.3 70 | I        | 82 79 | 50.2                                    | 16.4   | 47.0    | 5 75  | 16.2 | 5.6    | 15.0   | OCT  |  |  |
| OCT                              | 21  | 7    | 30.9 | 8.6    | 29.0    | 47.8 71 | 19.7 78 | M I      | 89 71 | 52.9                                    | 21.6   | 46.0    | 6 66  | 18.1 | 7.3    | 17.0   | OCT  |  |  |
| MONTH                            |     |      |      |        |         |         |         |          |       |                                         |        |         |       |      |        |        |      |  |  |
| MAY                              | 7   | 27.1 | 4.9  | 29.0   | 32.1 71 | 20.1 69 | I       | 90 78    | 69.1  | 12.2                                    | 72.0   | 8 69    | 10.7  | 2.8  | 12.0   | MAY    |      |  |  |
| JUN                              | 15  | 30.3 | 5.6  | 29.0   | 41.6 82 | 19.0 78 | I       | 94 76    | 74.1  | 16.5                                    | 78.0   | 5 77    | 11.7  | 3.8  | 12.0   | JUN    |      |  |  |
| JUL                              | 20  | 22.6 | 6.0  | 23.0   | 37.3 83 | 13.5 66 | I       | 94 70    | 60.1  | 16.7                                    | 61.5   | 5 73    | 8.9   | 2.6  | 9.0    | JUL    |      |  |  |
| AUG                              | 20  | 24.2 | 6.6  | 23.0   | 38.7 83 | 11.5 69 | I       | 89 79    | 64.9  | 17.2                                    | 65.0   | 5 79    | 9.3   | 2.5  | 9.5    | AUG    |      |  |  |
| SEP                              | 19  | 27.1 | 5.0  | 25.0   | 35.1 82 | 17.5 79 | I       | 85 82    | 64.6  | 14.6                                    | 67.0   | 6 69    | 11.6  | 2.9  | 11.0   | SEP    |      |  |  |
| OCT                              | 7   | 28.8 | 5.8  | 27.0   | 36.3 71 | 20.6 78 | M I     | 89 71    | 66.4  | 18.9                                    | 64.0   | 5 75    | 13.6  | 3.6  | 15.0   | OCT    |      |  |  |

(con.)

Table 25 (Con.)

## DRY BULB TEMPERATURE

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101303 INDIANOLA RS |     |      |      |        |         |         |   | 1964-1983                               |      |      |        |        |      |      |        |        |    |
|------------------------------------|-----|------|------|--------|---------|---------|---|-----------------------------------------|------|------|--------|--------|------|------|--------|--------|----|
| 10-DAY AND MONTHLY PERIOD MEANS    |     |      |      |        |         |         |   | 10-DAY AND MONTHLY EXTREME DAILY VALUES |      |      |        |        |      |      |        |        |    |
| PRD.                               | NO. |      | STD. |        | HIGHEST | LOWEST  |   |                                         | AVG. | STD. | MEDIAN |        | AVG. | STD. | MEDIAN | PRD.   |    |
| BEGINS                             | YRS | MEAN | DEV. | MEDIAN | AVG.YR  | AVG.YR  | I | HIGH.YR                                 | HIGH | DEV. | HIGH   | LOW.YR | LOW  | DEV. | LOW    | BEGINS |    |
| MAY                                | 1   | 17   | 61.0 | 5.3    | 59.0    | 70.5 71 | I | 80 70                                   | 73.1 | 4.3  | 72.0   | 35 65  | 47.3 | 6.9  | 45.0   | MAY    | 1  |
| MAY                                | 11  | 18   | 65.7 | 7.5    | 65.5    | 79.4 73 | I | 90 73                                   | 78.8 | 7.3  | 78.5   | 43 83  | 52.6 | 7.4  | 50.0   | MAY    | 11 |
| MAY                                | 21  | 17   | 66.5 | 4.7    | 67.0    | 74.8 69 | I | 87 83                                   | 80.6 | 3.7  | 81.0   | 41 80  | 51.5 | 5.8  | 52.0   | MAY    | 21 |
| JUN                                | 1   | 19   | 72.5 | 5.7    | 72.0    | 81.7 65 | I | 90 77                                   | 83.7 | 4.4  | 83.0   | 49 82  | 58.2 | 7.2  | 55.0   | JUN    | 1  |
| JUN                                | 11  | 19   | 72.6 | 6.8    | 72.0    | 90.8 74 | I | 98 74                                   | 84.7 | 6.6  | 84.0   | 49 76  | 58.8 | 7.0  | 58.0   | JUN    | 11 |
| JUN                                | 21  | 20   | 77.4 | 5.8    | 76.5    | 87.7 74 | I | 96 73                                   | 88.9 | 4.5  | 88.5   | 49 70  | 62.6 | 9.5  | 59.5   | JUN    | 21 |
| JUL                                | 1   | 19   | 81.9 | 6.5    | 82.0    | 91.0 73 | M | 99 73                                   | 91.8 | 4.1  | 92.0   | 53 83  | 66.8 | 8.9  | 68.0   | JUL    | 1  |
| JUL                                | 11  | 20   | 85.4 | 4.5    | 85.5    | 96.1 66 | I | 100 79                                  | 94.0 | 3.6  | 93.0   | 54 83  | 71.6 | 9.1  | 73.5   | JUL    | 11 |
| JUL                                | 21  | 20   | 88.0 | 3.6    | 88.0    | 94.7 66 | I | 103 66                                  | 94.9 | 3.4  | 95.0   | 63 77  | 77.2 | 7.5  | 77.0   | JUL    | 21 |
| AUG                                | 1   | 20   | 86.8 | 4.2    | 87.5    | 91.8 79 | I | 100 71                                  | 94.8 | 3.8  | 95.5   | 62 64  | 75.8 | 7.3  | 78.0   | AUG    | 1  |
| AUG                                | 11  | 20   | 83.0 | 7.7    | 81.5    | 94.5 67 | I | 99 66                                   | 92.9 | 4.3  | 93.5   | 47 78  | 67.6 | 12.4 | 67.0   | AUG    | 11 |
| AUG                                | 21  | 20   | 79.2 | 6.5    | 78.5    | 89.0 67 | I | 97 66                                   | 89.4 | 5.7  | 89.5   | 48 64  | 64.8 | 8.8  | 64.0   | AUG    | 21 |
| SEP                                | 1   | 20   | 76.8 | 4.8    | 75.0    | 87.7 66 | I | 95 66                                   | 86.9 | 3.5  | 87.0   | 53 73  | 62.8 | 8.0  | 60.5   | SEP    | 1  |
| SEP                                | 11  | 20   | 68.4 | 6.4    | 68.0    | 82.8 81 | M | 92 81                                   | 81.3 | 4.6  | 81.5   | 40 65  | 52.9 | 6.8  | 53.5   | SEP    | 11 |
| SEP                                | 21  | 20   | 67.3 | 6.8    | 67.0    | 78.1 67 | I | 89 66                                   | 76.4 | 6.2  | 76.5   | 42 68  | 55.6 | 8.0  | 55.0   | SEP    | 21 |
| OCT                                | 1   | 16   | 63.6 | 6.8    | 63.0    | 73.8 65 | I | 80 79                                   | 72.4 | 6.3  | 75.0   | 44 82  | 53.4 | 6.2  | 53.0   | OCT    | 1  |
| OCT                                | 11  | 11   | 57.5 | 5.8    | 57.0    | 63.9 74 | I | 78 64                                   | 66.9 | 6.2  | 67.0   | 37 80  | 47.5 | 7.0  | 47.0   | OCT    | 11 |
| OCT                                | 21  | 11   | 52.1 | 4.3    | 53.0    | 58.3 64 | M | 70 73                                   | 62.8 | 5.5  | 64.0   | 32 71  | 40.9 | 5.1  | 40.0   | OCT    | 21 |
| MONTH                              |     |      |      |        |         |         |   |                                         |      |      |        |        |      |      |        | MONTH  |    |
| MAY                                | 16  | 64.9 | 4.1  | 64.5   | 71.9 69 | 57.1 78 | I | 90 73                                   | 82.6 | 4.1  | 83.0   | 35 65  | 45.2 | 5.2  | 44.5   | MAY    |    |
| JUN                                | 19  | 74.2 | 3.4  | 74.0   | 82.9 74 | 69.3 76 | I | 98 74                                   | 90.2 | 4.0  | 90.0   | 49 82  | 52.8 | 3.4  | 52.0   | JUN    |    |
| JUL                                | 19  | 85.3 | 3.6  | 85.0   | 92.7 66 | 76.0 83 | M | 103 66                                  | 96.4 | 2.9  | 96.0   | 53 83  | 63.5 | 6.8  | 62.0   | JUL    |    |
| AUG                                | 20  | 82.9 | 4.7  | 81.5   | 90.2 67 | 75.8 76 | I | 100 71                                  | 95.6 | 3.4  | 96.0   | 47 78  | 62.4 | 9.3  | 60.0   | AUG    |    |
| SEP                                | 20  | 70.9 | 4.5  | 69.0   | 78.5 79 | 64.0 65 | M | 95 66                                   | 87.4 | 3.3  | 87.0   | 40 65  | 50.1 | 5.3  | 49.5   | SEP    |    |
| OCT                                | 10  | 57.1 | 3.6  | 57.5   | 63.3 64 | 52.0 69 | I | 80 79                                   | 73.1 | 4.6  | 74.5   | 32 71  | 40.0 | 3.7  | 39.0   | OCT    |    |

## RELATIVE HUMIDITY

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101303 INDIANOLA RS |     |      |      |        |         |         |   | 1964-1983                               |      |      |        |        |      |      |        |        |    |
|------------------------------------|-----|------|------|--------|---------|---------|---|-----------------------------------------|------|------|--------|--------|------|------|--------|--------|----|
| 10-DAY AND MONTHLY PERIOD MEANS    |     |      |      |        |         |         |   | 10-DAY AND MONTHLY EXTREME DAILY VALUES |      |      |        |        |      |      |        |        |    |
| PRD.                               | NO. |      | STD. |        | HIGHEST | LOWEST  |   |                                         | AVG. | STD. | MEDIAN |        | AVG. | STD. | MEDIAN | PRD.   |    |
| BEGINS                             | YRS | MEAN | DEV. | MEDIAN | AVG.YR  | AVG.YR  | I | HIGH.YR                                 | HIGH | DEV. | HIGH   | LOW.YR | LOW  | DEV. | LOW    | BEGINS |    |
| MAY                                | 1   | 17   | 37.1 | 8.3    | 37.0    | 52.6 75 | I | 93 75                                   | 64.6 | 19.0 | 64.0   | 11 65  | 18.8 | 4.6  | 20.0   | MAY    | 1  |
| MAY                                | 11  | 18   | 33.7 | 10.3   | 33.5    | 55.0 81 | I | 100 74                                  | 61.6 | 21.0 | 60.5   | 6 73   | 17.4 | 6.9  | 18.5   | MAY    | 11 |
| MAY                                | 21  | 17   | 37.1 | 9.5    | 37.0    | 58.8 80 | I | 100 64                                  | 71.4 | 20.3 | 70.0   | 9 72   | 18.5 | 5.7  | 18.0   | MAY    | 21 |
| JUN                                | 1   | 19   | 34.6 | 9.6    | 34.0    | 58.4 64 | I | 94 72                                   | 64.1 | 19.8 | 64.0   | 9 73   | 17.6 | 4.5  | 19.0   | JUN    | 1  |
| JUN                                | 11  | 19   | 36.0 | 9.5    | 34.0    | 53.7 76 | I | 100 75                                  | 66.2 | 18.8 | 71.0   | 6 79   | 18.1 | 7.3  | 16.0   | JUN    | 11 |
| JUN                                | 21  | 20   | 31.4 | 7.7    | 30.0    | 44.3 82 | I | 87 70                                   | 57.9 | 18.8 | 63.0   | 7 68   | 16.1 | 5.6  | 14.5   | JUN    | 21 |
| JUL                                | 1   | 19   | 29.3 | 10.8   | 30.0    | 56.1 83 | M | 95 83                                   | 60.6 | 25.8 | 60.0   | 6 73   | 13.4 | 4.4  | 13.0   | JUL    | 1  |
| JUL                                | 11  | 20   | 25.3 | 8.3    | 25.0    | 40.8 83 | I | 90 67                                   | 48.3 | 22.4 | 43.0   | 5 66   | 14.4 | 5.9  | 13.5   | JUL    | 11 |
| JUL                                | 21  | 20   | 22.2 | 6.3    | 21.0    | 33.8 77 | I | 95 77                                   | 45.1 | 20.4 | 40.0   | 5 66   | 12.6 | 4.2  | 12.0   | JUL    | 21 |
| AUG                                | 1   | 20   | 23.5 | 8.6    | 21.0    | 44.2 76 | I | 89 64                                   | 44.8 | 19.5 | 37.5   | 5 72   | 12.5 | 5.9  | 9.5    | AUG    | 1  |
| AUG                                | 11  | 20   | 29.4 | 13.9   | 31.0    | 50.1 79 | I | 100 78                                  | 56.9 | 30.0 | 55.5   | 5 77   | 14.3 | 6.1  | 15.0   | AUG    | 11 |
| AUG                                | 21  | 20   | 30.7 | 10.1   | 29.0    | 47.7 75 | I | 98 83                                   | 61.4 | 22.9 | 56.0   | 5 66   | 15.9 | 6.3  | 15.0   | AUG    | 21 |
| SEP                                | 1   | 20   | 29.2 | 8.8    | 27.0    | 47.6 70 | I | 85 70                                   | 52.4 | 18.2 | 51.0   | 8 71   | 15.5 | 5.8  | 14.5   | SEP    | 1  |
| SEP                                | 11  | 20   | 36.1 | 10.3   | 36.5    | 56.3 80 | I | 94 76                                   | 65.4 | 18.2 | 66.5   | 5 70   | 19.7 | 7.9  | 18.5   | SEP    | 11 |
| SEP                                | 21  | 20   | 36.3 | 10.0   | 35.5    | 55.7 77 | I | 100 77                                  | 63.6 | 20.3 | 63.5   | 8 74   | 21.4 | 7.5  | 21.5   | SEP    | 21 |
| OCT                                | 1   | 16   | 33.2 | 10.3   | 31.0    | 49.4 75 | I | 94 75                                   | 52.8 | 17.9 | 48.5   | 10 74  | 21.4 | 6.0  | 23.0   | OCT    | 1  |
| OCT                                | 11  | 11   | 41.2 | 9.6    | 42.0    | 56.9 80 | I | 100 80                                  | 72.5 | 18.5 | 74.0   | 14 64  | 24.6 | 7.5  | 24.0   | OCT    | 11 |
| OCT                                | 21  | 11   | 45.9 | 6.1    | 44.0    | 55.7 82 | M | 100 74                                  | 79.8 | 15.7 | 77.0   | 20 80  | 25.1 | 6.4  | 24.0   | OCT    | 21 |
| MONTH                              |     |      |      |        |         |         |   |                                         |      |      |        |        |      |      |        | MONTH  |    |
| MAY                                | 16  | 35.7 | 7.5  | 35.0   | 47.4 81 | 22.5 73 | I | 100 74                                  | 81.0 | 16.0 | 87.5   | 6 73   | 14.6 | 5.3  | 14.5   | MAY    |    |
| JUN                                | 19  | 34.0 | 5.9  | 33.0   | 43.3 64 | 25.7 74 | I | 100 75                                  | 79.8 | 11.8 | 83.0   | 6 79   | 13.2 | 4.9  | 13.0   | JUN    |    |
| JUL                                | 19  | 25.3 | 6.7  | 26.0   | 40.7 83 | 11.9 66 | I | 95 83                                   | 73.1 | 20.3 | 74.0   | 5 66   | 10.5 | 3.2  | 10.0   | JUL    |    |
| AUG                                | 20  | 28.0 | 8.8  | 28.5   | 45.4 76 | 13.3 69 | I | 100 78                                  | 74.6 | 22.6 | 83.0   | 5 77   | 11.2 | 5.5  | 9.0    | AUG    |    |
| SEP                                | 20  | 33.9 | 7.5  | 34.0   | 48.5 80 | 23.5 79 | I | 100 77                                  | 75.4 | 14.2 | 78.0   | 5 70   | 14.3 | 6.0  | 12.5   | SEP    |    |
| OCT                                | 10  | 40.6 | 5.9  | 41.0   | 48.7 82 | 30.1 64 | I | 100 80                                  | 88.4 | 12.3 | 91.5   | 10 74  | 19.5 | 4.8  | 20.5   | OCT    |    |

(con.)

Table 25 (Con.)

| DRY BULB TEMPERATURE             |     |      |      |        |         |         |    |   |      |    |   |   |     | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |         |          |           |            |      |  |  |  |  |        |
|----------------------------------|-----|------|------|--------|---------|---------|----|---|------|----|---|---|-----|----------------------------------------------|-----------|-----------|-------------|---------|----------|-----------|------------|------|--|--|--|--|--------|
| STATION NUMBER 101206 KRASSEL RS |     |      |      |        |         |         |    |   |      |    |   |   |     | 1964-1983                                    |           |           |             |         |          |           |            |      |  |  |  |  |        |
| 10-DAY AND MONTHLY PERIOD MEANS  |     |      |      |        |         |         |    |   |      |    |   |   |     | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |         |          |           |            |      |  |  |  |  |        |
| PRD.                             | NO. | MEAN | STD. | MEDIAN | HIGHEST | LOWEST  |    |   |      |    |   |   |     | HIGH, YR                                     | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW, YR | AVG. LOW | STD. DEV. | MEDIAN LOW |      |  |  |  |  | PRD.   |
| BEGINS                           | YRS |      | DEV. |        | AVG. YR | AVG. YR |    |   |      |    |   |   |     |                                              |           |           |             |         |          |           |            |      |  |  |  |  | BEGINS |
| MAY                              | 1   | 7    | 60.5 | 7.8    | 61.0    | 70.1    | 71 | M | 50.6 | 77 | M | I | 79  | 80                                           | 72.6      | 6.9       | 76.0        | 39      | 75       | 49.4      | 9.3        | 48.0 |  |  |  |  | MAY    |
| MAY                              | 11  | 9    | 65.0 | 8.1    | 62.0    | 80.9    | 73 |   | 54.3 | 78 | M | I | 88  | 73                                           | 79.2      | 5.8       | 81.0        | 35      | 67       | 48.7      | 10.5       | 42.0 |  |  |  |  | MAY    |
| MAY                              | 21  | 9    | 65.1 | 6.3    | 68.0    | 70.6    | 71 |   | 55.8 | 78 | M | I | 86  | 71                                           | 81.9      | 4.2       | 83.0        | 40      | 79       | 46.9      | 5.1        | 48.0 |  |  |  |  | MAY    |
| JUN                              | 1   | 12   | 69.8 | 4.5    | 69.0    | 76.8    | 77 |   | 63.8 | 71 |   | I | 91  | 77                                           | 81.7      | 6.2       | 82.5        | 42      | 78       | 51.3      | 5.5        | 51.0 |  |  |  |  | JUN    |
| JUN                              | 11  | 14   | 70.5 | 5.3    | 71.0    | 77.4    | 82 | M | 59.3 | 81 | M | I | 91  | 68                                           | 83.2      | 5.7       | 85.0        | 46      | 81       | 54.9      | 6.6        | 52.5 |  |  |  |  | JUN    |
| JUN                              | 21  | 16   | 74.8 | 5.3    | 74.0    | 83.6    | 77 |   | 60.5 | 69 |   | I | 96  | 70                                           | 87.8      | 5.0       | 88.5        | 43      | 70       | 57.7      | 8.8        | 56.0 |  |  |  |  | JUN    |
| JUL                              | 1   | 18   | 81.4 | 6.9    | 82.5    | 93.1    | 68 |   | 70.6 | 83 |   | I | 102 | 73                                           | 91.4      | 5.4       | 92.0        | 48      | 77       | 67.3      | 10.2       | 67.0 |  |  |  |  | JUL    |
| JUL                              | 11  | 20   | 83.5 | 4.4    | 83.0    | 89.9    | 70 |   | 73.5 | 83 |   | I | 100 | 67                                           | 92.9      | 4.4       | 93.5        | 53      | 83       | 68.6      | 9.4        | 70.0 |  |  |  |  | JUL    |
| JUL                              | 21  | 20   | 86.7 | 3.4    | 86.0    | 92.4    | 66 |   | 81.2 | 76 |   | I | 99  | 69                                           | 93.9      | 2.9       | 94.5        | 61      | 77       | 74.7      | 8.4        | 75.5 |  |  |  |  | JUL    |
| AUG                              | 1   | 20   | 86.1 | 4.6    | 86.5    | 91.4    | 72 |   | 73.5 | 76 |   | I | 100 | 66                                           | 93.7      | 3.7       | 94.0        | 55      | 76       | 74.2      | 8.5        | 76.0 |  |  |  |  | AUG    |
| AUG                              | 11  | 20   | 81.8 | 8.2    | 82.0    | 94.9    | 67 |   | 64.6 | 68 |   | I | 98  | 71                                           | 91.4      | 4.3       | 91.0        | 50      | 74       | 69.0      | 13.1       | 66.5 |  |  |  |  | AUG    |
| AUG                              | 21  | 20   | 78.5 | 7.6    | 76.0    | 91.0    | 67 |   | 64.5 | 77 |   | I | 101 | 69                                           | 88.8      | 6.4       | 88.0        | 50      | 64       | 64.6      | 10.7       | 62.5 |  |  |  |  | AUG    |
| SEP                              | 1   | 19   | 76.6 | 5.2    | 77.0    | 86.0    | 66 |   | 66.1 | 64 |   | I | 95  | 67                                           | 87.0      | 5.1       | 87.0        | 50      | 78       | 62.8      | 8.5        | 62.0 |  |  |  |  | SEP    |
| SEP                              | 11  | 18   | 68.0 | 6.6    | 67.5    | 80.0    | 81 | M | 54.3 | 78 | M | I | 90  | 73                                           | 80.5      | 6.1       | 80.5        | 43      | 78       | 52.8      | 6.5        | 50.0 |  |  |  |  | SEP    |
| SEP                              | 21  | 13   | 65.6 | 6.5    | 65.0    | 76.7    | 79 |   | 55.8 | 81 |   | I | 85  | 79                                           | 76.8      | 4.9       | 76.0        | 42      | 81       | 53.8      | 9.3        | 49.0 |  |  |  |  | SEP    |
| OCT                              | 1   | 7    | 62.5 | 6.7    | 62.0    | 73.0    | 79 |   | 52.3 | 81 | M | I | 79  | 79                                           | 72.3      | 4.5       | 73.0        | 41      | 82       | 50.0      | 9.7        | 45.0 |  |  |  |  | OCT    |
| MONTH                            |     |      |      |        |         |         |    |   |      |    |   |   |     | MONTH                                        |           |           |             |         |          |           |            |      |  |  |  |  |        |
| MAY                              | 8   | 64.7 | 4.8  | 65.5   | 70.5    | 73      |    |   | 56.3 | 77 | M | I | 88  | 73                                           | 84.3      | 2.1       | 84.0        | 35      | 67       | 43.6      | 6.0        | 42.0 |  |  |  |  | MAY    |
| JUN                              | 9   | 71.9 | 3.1  | 72.0   | 77.7    | 77      |    |   | 68.3 | 76 | M | I | 96  | 70                                           | 90.2      | 3.0       | 90.0        | 42      | 78       | 50.2      | 4.2        | 50.0 |  |  |  |  | JUN    |
| JUL                              | 19  | 84.1 | 3.7  | 85.0   | 88.5    | 68      |    |   | 75.6 | 83 |   | I | 102 | 73                                           | 95.6      | 3.2       | 96.0        | 48      | 77       | 61.8      | 6.8        | 63.0 |  |  |  |  | JUL    |
| AUG                              | 20  | 82.0 | 5.3  | 79.5   | 91.9    | 67      |    |   | 74.8 | 76 |   | I | 101 | 69                                           | 94.6      | 3.6       | 94.5        | 50      | 74       | 61.9      | 9.9        | 60.5 |  |  |  |  | AUG    |
| SEP                              | 13  | 69.9 | 4.0  | 69.0   | 77.6    | 74      | M  |   | 64.9 | 70 |   | I | 95  | 67                                           | 85.4      | 4.1       | 85.0        | 42      | 81       | 50.8      | 6.7        | 49.0 |  |  |  |  | SEP    |
| RELATIVE HUMIDITY                |     |      |      |        |         |         |    |   |      |    |   |   |     | MEAN, STANDARD DEVIATION, AND EXTREME VALUES |           |           |             |         |          |           |            |      |  |  |  |  |        |
| STATION NUMBER 101206 KRASSEL RS |     |      |      |        |         |         |    |   |      |    |   |   |     | 1964-1983                                    |           |           |             |         |          |           |            |      |  |  |  |  |        |
| 10-DAY AND MONTHLY PERIOD MEANS  |     |      |      |        |         |         |    |   |      |    |   |   |     | 10-DAY AND MONTHLY EXTREME DAILY VALUES      |           |           |             |         |          |           |            |      |  |  |  |  |        |
| PRD.                             | NO. | MEAN | STD. | MEDIAN | HIGHEST | LOWEST  |    |   |      |    |   |   |     | HIGH, YR                                     | AVG. HIGH | STD. DEV. | MEDIAN HIGH | LOW, YR | AVG. LOW | STD. DEV. | MEDIAN LOW |      |  |  |  |  | PRD.   |
| BEGINS                           | YRS |      | DEV. |        | AVG. YR | AVG. YR |    |   |      |    |   |   |     |                                              |           |           |             |         |          |           |            |      |  |  |  |  | BEGINS |
| MAY                              | 1   | 7    | 39.0 | 10.0   | 42.0    | 48.3    | 77 | M | 27.9 | 76 | M | I | 93  | 80                                           | 64.7      | 21.1      | 57.0        | 13      | 73       | 17.9      | 3.8        | 18.0 |  |  |  |  | MAY    |
| MAY                              | 11  | 9    | 33.1 | 14.1   | 34.0    | 54.1    | 78 | M | 14.1 | 73 |   | I | 91  | 67                                           | 62.1      | 27.1      | 63.0        | 6       | 73       | 16.9      | 7.8        | 19.0 |  |  |  |  | MAY    |
| MAY                              | 21  | 9    | 34.6 | 10.9   | 30.0    | 54.2    | 80 |   | 22.6 | 73 |   | I | 98  | 79                                           | 70.7      | 21.0      | 60.0        | 10      | 73       | 16.2      | 4.1        | 15.0 |  |  |  |  | MAY    |
| JUN                              | 1   | 12   | 34.0 | 9.4    | 38.5    | 44.6    | 68 |   | 18.6 | 73 |   | I | 100 | 75                                           | 74.4      | 24.1      | 85.5        | 11      | 73       | 15.5      | 5.0        | 13.0 |  |  |  |  | JUN    |
| JUN                              | 11  | 14   | 35.3 | 7.9    | 32.0    | 48.1    | 81 | M | 24.6 | 68 |   | I | 89  | 80                                           | 69.0      | 17.6      | 72.0        | 9       | 79       | 17.4      | 4.4        | 16.5 |  |  |  |  | JUN    |
| JUN                              | 21  | 16   | 33.1 | 8.9    | 31.5    | 49.8    | 69 |   | 17.9 | 77 |   | I | 100 | 79                                           | 71.5      | 21.6      | 76.0        | 6       | 76       | 14.9      | 4.9        | 13.5 |  |  |  |  | JUN    |
| JUL                              | 1   | 18   | 24.9 | 10.7   | 21.5    | 49.2    | 78 | M | 11.7 | 73 |   | I | 100 | 82                                           | 49.6      | 26.5      | 42.0        | 7       | 73       | 12.8      | 4.9        | 11.5 |  |  |  |  | JUL    |
| JUL                              | 11  | 20   | 22.6 | 6.1    | 21.5    | 33.4    | 64 |   | 12.1 | 69 |   | I | 89  | 76                                           | 51.3      | 24.3      | 46.0        | 8       | 76       | 12.9      | 3.8        | 12.0 |  |  |  |  | JUL    |
| JUL                              | 21  | 20   | 20.5 | 5.9    | 20.0    | 34.7    | 77 |   | 10.6 | 66 |   | I | 93  | 77                                           | 44.6      | 21.1      | 38.5        | 7       | 66       | 11.4      | 3.2        | 10.5 |  |  |  |  | JUL    |
| AUG                              | 1   | 20   | 19.7 | 7.2    | 17.0    | 36.5    | 76 |   | 9.5  | 69 |   | I | 90  | 71                                           | 41.3      | 24.3      | 31.0        | 6       | 78       | 10.6      | 2.9        | 10.0 |  |  |  |  | AUG    |
| AUG                              | 11  | 20   | 24.8 | 12.8   | 23.0    | 58.0    | 68 |   | 9.3  | 70 |   | I | 100 | 79                                           | 49.9      | 28.6      | 47.5        | 6       | 70       | 11.9      | 4.3        | 11.0 |  |  |  |  | AUG    |
| AUG                              | 21  | 20   | 26.9 | 10.9   | 24.0    | 48.6    | 77 |   | 11.5 | 69 |   | I | 100 | 64                                           | 54.9      | 24.7      | 48.5        | 5       | 65       | 12.5      | 5.3        | 12.0 |  |  |  |  | AUG    |
| SEP                              | 1   | 19   | 26.2 | 10.1   | 23.0    | 51.7    | 78 |   | 13.8 | 66 |   | I | 94  | 78                                           | 48.2      | 24.2      | 36.0        | 6       | 66       | 13.8      | 4.5        | 14.0 |  |  |  |  | SEP    |
| SEP                              | 11  | 18   | 35.7 | 13.4   | 37.5    | 54.9    | 77 | M | 14.5 | 71 |   | I | 100 | 80                                           | 66.8      | 27.6      | 76.5        | 9       | 71       | 16.4      | 5.2        | 16.0 |  |  |  |  | SEP    |
| SEP                              | 21  | 13   | 35.0 | 11.4   | 37.0    | 57.0    | 82 | M | 15.3 | 74 | M | I | 93  | 83                                           | 59.8      | 26.2      | 52.0        | 6       | 72       | 20.7      | 8.1        | 19.0 |  |  |  |  | SEP    |
| OCT                              | 1   | 7    | 35.4 | 17.0   | 30.0    | 64.4    | 81 | M | 17.8 | 79 |   | I | 93  | 81                                           | 67.3      | 26.0      | 79.0        | 9       | 74       | 20.1      | 9.5        | 18.0 |  |  |  |  | OCT    |
| MONTH                            |     |      |      |        |         |         |    |   |      |    |   |   |     | MONTH                                        |           |           |             |         |          |           |            |      |  |  |  |  |        |
| MAY                              | 8   | 33.9 | 9.5  | 32.0   | 48.1    | 80      |    |   | 21.9 | 73 |   | I | 98  | 79                                           | 78.3      | 18.3      | 87.0        | 6       | 73       | 13.5      | 4.5        | 14.0 |  |  |  |  | MAY    |
| JUN                              | 9   | 32.7 | 5.4  | 33.0   | 41.2    | 80      |    |   | 25.9 | 73 |   | I | 100 | 79                                           | 85.6      | 13.5      | 88.0        | 6       | 76       | 11.9      | 4.0        | 12.0 |  |  |  |  | JUN    |
| JUL                              | 19  | 22.4 | 5.9  | 20.0   | 34.1    | 80      | M  |   | 14.9 | 66 |   | I | 100 | 82                                           | 64.3      | 21.6      | 66.0        | 7       | 73       | 9.8       | 2.8        | 9.0  |  |  |  |  | JUL    |
| AUG                              | 20  | 23.9 | 8.0  | 22.5   | 37.4    | 83      | M  |   | 12.4 | 69 |   | I | 100 | 79                                           | 67.7      | 24.6      | 72.0        | 5       | 65       | 8.8       | 2.7        | 8.0  |  |  |  |  | AUG    |
| SEP                              | 13  | 31.0 | 8.5  | 30.0   | 40.6    | 82      | M  |   | 15.3 | 74 | M | I | 100 | 80                                           | 74.7      | 22.7      | 84.0        | 6       | 72       | 12.5      | 3.5        | 12.0 |  |  |  |  | SEP    |

(con.)

Table 25 (Con.)

## DRY BULB TEMPERATURE

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101207 LANDMARK RS |     |      |      |        |         |         |     |         |      | 1964-1981                               |        |        |      |      |        |        |  |  |  |
|-----------------------------------|-----|------|------|--------|---------|---------|-----|---------|------|-----------------------------------------|--------|--------|------|------|--------|--------|--|--|--|
| 10-DAY AND MONTHLY PERIOD MEANS   |     |      |      |        |         |         |     |         |      | 10-DAY AND MONTHLY EXTREME DAILY VALUES |        |        |      |      |        |        |  |  |  |
| PRD.                              | NO. |      | STD. |        | HIGHEST | LOWEST  |     |         |      | STD.                                    | MEDIAN |        | AVG. | STD. | MEDIAN | PRD.   |  |  |  |
| BEGINS                            | YRS | MEAN | DEV. | MEDIAN | AVG.YR  | AVG.YR  |     | HIGH.YR | HIGH | DEV.                                    | HIGH   | LOW.YR | LOW  | DEV. | LOW    | BEGINS |  |  |  |
|                                   |     |      |      |        |         |         | I   |         |      |                                         |        |        |      |      |        |        |  |  |  |
| JUN 21                            | 10  | 65.7 | 4.6  | 66.0   | 70.6 73 | 59.6 80 | M I | 82 70   | 77.6 | 3.7                                     | 78.5   | 38 70  | 51.2 | 8.1  | 49.5   | JUN 21 |  |  |  |
| JUL 1                             | 15  | 69.9 | 5.1  | 70.0   | 78.4 68 | 59.3 78 | M I | 88 73   | 78.8 | 5.3                                     | 79.0   | 44 81  | 56.9 | 7.4  | 59.0   | JUL 1  |  |  |  |
| JUL 11                            | 18  | 72.8 | 3.5  | 72.0   | 78.4 66 | 66.4 80 | M I | 87 79   | 81.3 | 3.7                                     | 81.5   | 46 72  | 60.3 | 7.4  | 62.0   | JUL 11 |  |  |  |
| JUL 21                            | 18  | 75.7 | 3.0  | 75.0   | 79.4 69 | 70.4 70 | I   | 89 75   | 82.6 | 2.9                                     | 82.5   | 51 73  | 64.9 | 8.0  | 67.5   | JUL 21 |  |  |  |
| AUG 1                             | 18  | 74.3 | 4.6  | 74.5   | 79.6 78 | 63.0 76 | I   | 87 70   | 81.8 | 3.3                                     | 83.0   | 49 64  | 63.0 | 7.3  | 64.0   | AUG 1  |  |  |  |
| AUG 11                            | 18  | 70.3 | 8.3  | 70.0   | 83.2 67 | 54.9 68 | I   | 88 67   | 79.7 | 5.2                                     | 81.5   | 43 68  | 59.7 | 12.0 | 60.0   | AUG 11 |  |  |  |
| AUG 21                            | 18  | 67.7 | 7.4  | 65.5   | 79.8 67 | 55.2 77 | I   | 87 69   | 78.2 | 5.4                                     | 76.5   | 41 64  | 54.8 | 10.1 | 52.5   | AUG 21 |  |  |  |
| SEP 1                             | 18  | 66.0 | 5.4  | 66.5   | 75.0 66 | 57.5 65 | I   | 84 67   | 77.3 | 4.1                                     | 78.0   | 41 70  | 52.2 | 8.3  | 53.0   | SEP 1  |  |  |  |
| SEP 11                            | 18  | 59.0 | 7.0  | 59.0   | 72.6 81 | 45.2 78 | M I | 83 81   | 70.6 | 6.1                                     | 71.0   | 29 65  | 43.3 | 7.0  | 42.5   | SEP 11 |  |  |  |
| SEP 21                            | 12  | 59.2 | 8.6  | 61.0   | 71.9 67 | 45.3 77 | I   | 82 66   | 70.0 | 6.9                                     | 71.0   | 31 72  | 45.1 | 9.1  | 44.5   | SEP 21 |  |  |  |
| OCT 1                             | 9   | 57.4 | 8.0  | 58.0   | 69.4 79 | 45.4 67 | I   | 75 79   | 67.8 | 8.5                                     | 68.0   | 34 75  | 42.9 | 7.4  | 42.0   | OCT 1  |  |  |  |
| MONTH                             |     |      |      |        |         |         | I   |         |      |                                         |        |        |      |      | MONTH  |        |  |  |  |
| JUL                               | 16  | 72.9 | 2.2  | 72.5   | 76.2 66 | 68.6 77 | I   | 89 75   | 84.1 | 2.1                                     | 84.0   | 44 81  | 52.9 | 6.4  | 51.5   | JUL    |  |  |  |
| AUG                               | 18  | 70.7 | 5.2  | 68.0   | 80.2 67 | 63.3 76 | I   | 88 67   | 83.4 | 2.9                                     | 83.5   | 41 64  | 51.8 | 8.8  | 49.5   | AUG    |  |  |  |
| SEP                               | 12  | 61.8 | 5.6  | 60.5   | 68.4 67 | 52.8 65 | I   | 84 67   | 77.4 | 4.2                                     | 77.5   | 29 65  | 40.9 | 8.2  | 39.5   | SEP    |  |  |  |

## RELATIVE HUMIDITY

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101207 LANDMARK RS |     |      |      |        |           |           |   |         |           | 1964-1981                               |        |        |          |      |        |  |        |  |  |
|-----------------------------------|-----|------|------|--------|-----------|-----------|---|---------|-----------|-----------------------------------------|--------|--------|----------|------|--------|--|--------|--|--|
| 10-DAY AND MONTHLY PERIOD MEANS   |     |      |      |        |           |           |   |         |           | 10-DAY AND MONTHLY EXTREME DAILY VALUES |        |        |          |      |        |  |        |  |  |
| PRD.                              | NO. |      |      |        |           |           |   |         |           |                                         |        |        |          |      |        |  | PRD.   |  |  |
| BEGINS                            | YRS | MEAN | STD. | MEDIAN | HIGHEST   | LOWEST    | I | HIGH.YR | AVG. HIGH | STD.                                    | MEDIAN | LOW.YR | AVG. LOW | STD. | MEDIAN |  | BEGINS |  |  |
|                                   |     |      | DEV. |        | AVG.YR    | AVG.YR    | I |         |           | DEV.                                    | HIGH   |        |          | DEV. | LOW    |  |        |  |  |
| JUN 21                            | 10  | 35.1 | 9.9  | 34.0   | 51.3 70 M | 24.6 77 M | I | 93 68   | 60.6      | 20.4                                    | 64.5   | 13 79  | 19.7     | 6.9  | 17.5   |  | JUN 21 |  |  |
| JUL 1                             | 15  | 31.2 | 8.6  | 32.0   | 55.3 78 M | 22.0 79   | I | 87 78   | 56.9      | 18.3                                    | 53.0   | 12 68  | 19.3     | 7.0  | 18.0   |  | JUL 1  |  |  |
| JUL 11                            | 18  | 29.8 | 6.7  | 29.0   | 43.0 75   | 18.2 66   | I | 87 72   | 55.3      | 19.3                                    | 55.0   | 11 79  | 17.3     | 4.5  | 16.0   |  | JUL 11 |  |  |
| JUL 21                            | 18  | 25.0 | 4.8  | 24.0   | 35.7 76   | 15.3 66   | I | 94 77   | 49.0      | 18.6                                    | 45.0   | 9 72   | 14.3     | 3.1  | 14.0   |  | JUL 21 |  |  |
| AUG 1                             | 18  | 25.6 | 8.2  | 24.0   | 43.5 76   | 14.6 69   | I | 89 81   | 51.9      | 23.3                                    | 52.0   | 7 79   | 13.9     | 4.0  | 14.0   |  | AUG 1  |  |  |
| AUG 11                            | 18  | 32.0 | 13.0 | 28.5   | 61.0 68   | 14.7 67   | I | 93 68   | 55.9      | 25.0                                    | 48.0   | 7 80   | 15.9     | 6.0  | 16.0   |  | AUG 11 |  |  |
| AUG 21                            | 18  | 33.0 | 10.3 | 32.0   | 50.6 77   | 17.2 67   | I | 93 73   | 62.8      | 25.0                                    | 60.0   | 10 67  | 16.8     | 4.1  | 16.0   |  | AUG 21 |  |  |
| SEP 1                             | 18  | 31.9 | 9.5  | 28.5   | 52.0 78   | 18.4 66   | I | 93 73   | 59.5      | 24.3                                    | 52.5   | 8 69   | 15.9     | 4.1  | 16.5   |  | SEP 1  |  |  |
| SEP 11                            | 18  | 41.4 | 12.5 | 44.0   | 60.6 76   | 14.1 79 M | I | 94 76   | 74.0      | 21.1                                    | 83.0   | 12 79  | 20.1     | 8.3  | 17.5   |  | SEP 11 |  |  |
| SEP 21                            | 12  | 37.0 | 12.3 | 35.5   | 61.8 77   | 20.2 74   | I | 100 77  | 69.5      | 24.4                                    | 69.5   | 13 71  | 19.8     | 5.6  | 18.5   |  | SEP 21 |  |  |
| OCT 1                             | 9   | 38.1 | 16.0 | 31.0   | 65.3 67   | 16.4 79   | I | 94 75   | 64.2      | 24.4                                    | 72.0   | 11 64  | 20.4     | 13.8 | 15.0   |  | OCT 1  |  |  |
| MONTH                             |     |      |      |        |           |           |   |         |           | MONTH                                   |        |        |          |      |        |  |        |  |  |
| JUL                               | 16  | 28.1 | 4.2  | 27.0   | 34.8 78 M | 19.5 66   | I | 94 77   | 72.3      | 15.6                                    | 76.5   | 9 72   | 13.3     | 2.6  | 13.5   |  | JUL    |  |  |
| AUG                               | 18  | 30.3 | 7.6  | 28.5   | 42.3 76   | 16.5 67   | I | 93 73   | 74.0      | 21.6                                    | 84.5   | 7 80   | 11.8     | 3.4  | 11.0   |  | AUG    |  |  |
| SEP                               | 12  | 35.3 | 7.8  | 33.5   | 44.9 77   | 24.0 79 M | I | 100 77  | 84.5      | 13.3                                    | 88.5   | 8 69   | 13.9     | 2.9  | 13.0   |  | SEP    |  |  |

(con.)

Table 25 (Con.)

## DRY BULB TEMPERATURE

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101805 LITTLE CREEK GS<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                   |                  |     |         |              | 1964-1983<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |                |        |             |              |               |                |  |       |  |
|--------------------------------------------------------------------------|------------|------|--------------|--------|-------------------|------------------|-----|---------|--------------|------------------------------------------------------|----------------|--------|-------------|--------------|---------------|----------------|--|-------|--|
| PRD.<br>BEGINS                                                           | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG.YR | LOWEST<br>AVG.YR |     | HIGH.YR | AVG.<br>HIGH | STD.<br>DEV.                                         | MEDIAN<br>HIGH | LOW.YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRD.<br>BEGINS |  |       |  |
| MAY 21                                                                   | 8          | 63.1 | 5.2          | 63.0   | 69.8 79           | 56.2 80          | I   | 88 66   | 78.1         | 5.6                                                  | 78.5           | 40 78  | 45.9        | 4.4          | 44.5          | MAY 21         |  |       |  |
| JUN 1                                                                    | 16         | 70.6 | 6.6          | 71.5   | 80.0 77           | 59.3 82          | M I | 93 77   | 81.6         | 5.9                                                  | 82.5           | 44 66  | 56.3        | 8.2          | 55.0          | JUN 1          |  |       |  |
| JUN 11                                                                   | 16         | 71.4 | 6.0          | 70.5   | 87.2 74           | 60.2 81          | I   | 95 74   | 83.8         | 5.8                                                  | 83.0           | 44 81  | 56.6        | 6.8          | 57.0          | JUN 11         |  |       |  |
| JUN 21                                                                   | 17         | 75.6 | 6.2          | 75.0   | 85.9 74           | 59.7 69          | I   | 96 79   | 87.5         | 5.7                                                  | 88.0           | 46 70  | 61.1        | 9.7          | 61.0          | JUN 21         |  |       |  |
| JUL 1                                                                    | 19         | 79.8 | 6.1          | 80.0   | 89.3 75           | 70.0 78          | I   | 99 73   | 90.4         | 4.7                                                  | 90.0           | 51 83  | 64.9        | 9.0          | 65.0          | JUL 1          |  |       |  |
| JUL 11                                                                   | 20         | 83.2 | 4.0          | 82.0   | 90.1 66           | 73.3 83          | I   | 97 79   | 91.8         | 3.6                                                  | 92.0           | 49 83  | 69.0        | 8.7          | 70.5          | JUL 11         |  |       |  |
| JUL 21                                                                   | 20         | 86.2 | 3.2          | 85.5   | 91.1 68           | 80.0 77          | I   | 97 75   | 93.2         | 2.5                                                  | 93.5           | 62 77  | 75.6        | 7.0          | 74.5          | JUL 21         |  |       |  |
| AUG 1                                                                    | 20         | 84.5 | 5.2          | 85.0   | 91.3 66           | 70.6 76          | I   | 98 71   | 92.1         | 4.5                                                  | 92.0           | 56 74  | 73.2        | 8.2          | 72.5          | AUG 1          |  |       |  |
| AUG 11                                                                   | 20         | 80.4 | 7.7          | 80.0   | 93.0 67           | 66.3 68          | I   | 98 71   | 89.8         | 4.8                                                  | 90.0           | 53 74  | 67.4        | 11.4         | 65.5          | AUG 11         |  |       |  |
| AUG 21                                                                   | 19         | 76.9 | 6.9          | 73.0   | 90.1 67           | 67.5 77          | I   | 95 66   | 86.9         | 5.4                                                  | 85.0           | 49 77  | 63.0        | 9.0          | 63.0          | AUG 21         |  |       |  |
| SEP 1                                                                    | 19         | 74.6 | 5.2          | 74.0   | 82.7 66           | 66.0 70          | I   | 94 67   | 84.9         | 4.3                                                  | 86.0           | 50 73  | 60.4        | 7.8          | 60.0          | SEP 1          |  |       |  |
| SEP 11                                                                   | 18         | 66.1 | 6.4          | 66.0   | 79.0 81           | 54.1 78          | I   | 85 81   | 78.4         | 5.1                                                  | 80.0           | 38 65  | 50.1        | 7.3          | 48.5          | SEP 11         |  |       |  |
| SEP 21                                                                   | 12         | 66.3 | 7.2          | 66.0   | 79.2 67           | 55.4 81          | I   | 89 66   | 75.6         | 7.5                                                  | 76.0           | 42 81  | 52.9        | 6.6          | 51.0          | SEP 21         |  |       |  |
| MONTH                                                                    |            |      |              |        |                   |                  | I   |         |              |                                                      |                |        |             |              |               |                |  | MONTH |  |
| JUN                                                                      | 15         | 72.7 | 3.5          | 72.0   | 80.0 74           | 68.0 80          | M I | 96 79   | 89.7         | 4.9                                                  | 91.0           | 44 81  | 50.1        | 5.4          | 49.0          | JUN            |  |       |  |
| JUL                                                                      | 19         | 83.1 | 3.3          | 83.0   | 87.9 66           | 75.3 83          | I   | 99 73   | 94.9         | 2.3                                                  | 95.0           | 49 83  | 61.4        | 6.7          | 61.0          | JUL            |  |       |  |
| AUG                                                                      | 19         | 80.2 | 5.3          | 78.0   | 90.4 67           | 71.7 76          | I   | 98 71   | 92.6         | 3.4                                                  | 92.0           | 49 77  | 60.6        | 8.4          | 56.0          | AUG            |  |       |  |
| SEP                                                                      | 12         | 69.3 | 4.9          | 68.5   | 77.0 67           | 62.7 65          | I   | 94 67   | 84.7         | 4.7                                                  | 85.0           | 38 65  | 47.7        | 6.3          | 48.0          | SEP            |  |       |  |

## RELATIVE HUMIDITY

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101805 LITTLE CREEK GS |     |      |      |        |           |         | 1964-1983                               |         |      |      |        |        |      |      |        |        |  |       |
|---------------------------------------|-----|------|------|--------|-----------|---------|-----------------------------------------|---------|------|------|--------|--------|------|------|--------|--------|--|-------|
| 10-DAY AND MONTHLY PERIOD MEANS       |     |      |      |        |           |         | 10-DAY AND MONTHLY EXTREME DAILY VALUES |         |      |      |        |        |      |      |        |        |  |       |
| PRD.                                  | NO. |      | STD. |        | HIGHEST   | LOWEST  |                                         |         | AVG. | STD. | MEDIAN |        | AVG. | STD. | MEDIAN | PRD.   |  |       |
| BEGINS                                | YRS | MEAN | DEV. | MEDIAN | AVG.YR    | AVG.YR  |                                         | HIGH.YR | HIGH | DEV. | HIGH   | LOW.YR | LOW  | DEV. | LOW    | BEGINS |  |       |
| MAY 21                                | 8   | 41.6 | 9.7  | 41.0   | 60.5 80   | 25.5 79 | I                                       | 100 80  | 81.9 | 12.3 | 82.0   | 13 66  | 20.0 | 6.8  | 17.5   | MAY 21 |  |       |
| JUN 1                                 | 16  | 33.4 | 10.4 | 30.5   | 52.9 81 M | 19.9 79 | I                                       | 87 81   | 60.1 | 21.0 | 59.5   | 7 73   | 17.7 | 8.1  | 16.0   | JUN 1  |  |       |
| JUN 11                                | 16  | 33.0 | 8.4  | 33.0   | 49.6 81   | 17.3 74 | I                                       | 100 81  | 65.4 | 18.4 | 67.0   | 6 79   | 16.4 | 7.1  | 15.0   | JUN 11 |  |       |
| JUN 21                                | 17  | 29.4 | 8.2  | 30.0   | 52.4 69   | 15.9 74 | I                                       | 88 69   | 55.1 | 17.9 | 50.0   | 7 74   | 15.2 | 5.2  | 14.0   | JUN 21 |  |       |
| JUL 1                                 | 19  | 26.6 | 10.3 | 24.0   | 47.5 78   | 13.1 73 | I                                       | 100 69  | 55.6 | 25.2 | 51.0   | 5 73   | 13.0 | 5.1  | 12.0   | JUL 1  |  |       |
| JUL 11                                | 20  | 23.9 | 6.6  | 22.5   | 38.3 67   | 13.8 79 | I                                       | 81 67   | 50.4 | 20.1 | 52.5   | 8 79   | 13.0 | 4.0  | 11.5   | JUL 11 |  |       |
| JUL 21                                | 20  | 20.7 | 6.4  | 19.5   | 32.5 77   | 12.3 68 | I                                       | 85 77   | 41.6 | 18.1 | 39.0   | 6 72   | 12.3 | 3.9  | 11.0   | JUL 21 |  |       |
| AUG 1                                 | 20  | 22.5 | 10.3 | 20.0   | 45.9 76   | 8.8 69  | I                                       | 95 74   | 45.0 | 23.5 | 42.5   | 6 72   | 12.1 | 6.3  | 10.5   | AUG 1  |  |       |
| AUG 11                                | 20  | 26.0 | 12.4 | 25.5   | 47.6 79   | 10.0 70 | I                                       | 100 79  | 50.7 | 27.7 | 46.0   | 5 72   | 12.9 | 6.2  | 13.5   | AUG 11 |  |       |
| AUG 21                                | 19  | 27.6 | 9.6  | 25.0   | 42.2 77   | 14.3 67 | I                                       | 94 65   | 58.4 | 20.3 | 55.0   | 5 67   | 13.0 | 4.8  | 13.0   | AUG 21 |  |       |
| SEP 1                                 | 19  | 27.9 | 8.4  | 24.0   | 44.6 73   | 18.9 81 | I                                       | 94 80   | 53.7 | 23.9 | 43.0   | 5 72   | 14.0 | 4.0  | 14.0   | SEP 1  |  |       |
| SEP 11                                | 18  | 36.2 | 11.0 | 34.0   | 53.2 80   | 16.8 79 | I                                       | 92 64   | 68.9 | 19.6 | 73.5   | 10 83  | 18.0 | 6.6  | 17.5   | SEP 11 |  |       |
| SEP 21                                | 12  | 34.6 | 10.6 | 33.0   | 51.3 73 M | 19.5 75 | I                                       | 100 67  | 62.8 | 26.0 | 67.5   | 11 67  | 19.4 | 7.2  | 17.5   | SEP 21 |  |       |
| MONTH                                 |     |      |      |        |           |         | I                                       |         |      |      |        |        |      |      |        |        |  | MONTH |
| JUN                                   | 15  | 32.0 | 6.3  | 31.0   | 43.8 81 M | 21.1 79 | I                                       | 100 81  | 78.8 | 13.0 | 80.0   | 6 79   | 11.9 | 4.8  | 11.0   | JUN    |  |       |
| JUL                                   | 19  | 23.7 | 6.2  | 22.0   | 36.4 83   | 15.7 79 | I                                       | 100 69  | 70.1 | 14.6 | 73.0   | 5 73   | 10.7 | 3.6  | 10.0   | JUL    |  |       |
| AUG                                   | 19  | 25.9 | 8.7  | 25.0   | 42.6 83   | 12.7 72 | I                                       | 100 79  | 69.9 | 20.6 | 73.0   | 5 72   | 9.4  | 4.3  | 9.0    | AUG    |  |       |
| SEP                                   | 12  | 33.0 | 7.6  | 33.0   | 45.4 73 M | 23.1 74 | I                                       | 100 67  | 80.4 | 15.8 | 84.0   | 5 72   | 13.3 | 3.0  | 13.0   | SEP    |  |       |

(con.)

Table 25 (Con.)

DRY BULB TEMPERATURE

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101209 MC CALL SO<br>10-DAY AND MONTHLY PERIOD MEANS |            |      |              |        |                    |                   |   |         |              | 1964-1983<br>10-DAY AND MONTHLY EXTREME DAILY VALUES |                |        |             |              |               |                |  |  |  |
|---------------------------------------------------------------------|------------|------|--------------|--------|--------------------|-------------------|---|---------|--------------|------------------------------------------------------|----------------|--------|-------------|--------------|---------------|----------------|--|--|--|
| PRD.<br>BEGINS                                                      | NO.<br>YRS | MEAN | STD.<br>DEV. | MEDIAN | HIGHEST<br>AVG.,YR | LOWEST<br>AVG.,YR |   | HIGH,YR | AVG.<br>HIGH | STD.<br>DEV.                                         | MEDIAN<br>HIGH | LOW,YR | AVG.<br>LOW | STD.<br>DEV. | MEDIAN<br>LOW | PRD.<br>BEGINS |  |  |  |
| MAY 1                                                               | 11         | 51.3 | 5.4          | 51.0   | 60.9 76 M          | 44.6 77 M         | I | 75 69   | 64.3         | 5.5                                                  | 62.0           | 28 75  | 39.5        | 6.7          | 40.0          | MAY 1          |  |  |  |
| MAY 11                                                              | 16         | 57.9 | 5.7          | 56.5   | 72.8 73            | 50.2 81 M         | I | 80 73   | 70.3         | 5.7                                                  | 70.5           | 38 78  | 45.5        | 5.4          | 44.0          | MAY 11         |  |  |  |
| MAY 21                                                              | 16         | 59.5 | 6.3          | 60.0   | 74.1 83            | 50.5 78 M         | I | 85 66   | 73.9         | 7.0                                                  | 74.0           | 35 78  | 45.8        | 6.4          | 45.0          | MAY 21         |  |  |  |
| JUN 1                                                               | 17         | 64.3 | 5.7          | 65.0   | 73.7 69            | 54.0 82 I         | I | 87 77   | 76.1         | 5.5                                                  | 75.0           | 38 78  | 51.1        | 8.2          | 49.0          | JUN 1          |  |  |  |
| JUN 11                                                              | 17         | 63.1 | 5.7          | 62.0   | 73.7 82            | 53.7 81 I         | I | 83 68   | 75.8         | 6.3                                                  | 78.0           | 40 81  | 48.4        | 7.9          | 46.0          | JUN 11         |  |  |  |
| JUN 21                                                              | 19         | 68.2 | 4.9          | 68.0   | 74.9 77            | 54.7 69 I         | I | 87 73   | 80.4         | 5.0                                                  | 81.0           | 43 78  | 52.6        | 7.6          | 52.0          | JUN 21         |  |  |  |
| JUL 1                                                               | 17         | 74.1 | 5.6          | 74.0   | 83.9 68            | 65.0 83 I         | I | 90 73   | 83.6         | 4.4                                                  | 84.0           | 49 81  | 60.8        | 8.0          | 61.0          | JUL 1          |  |  |  |
| JUL 11                                                              | 20         | 76.0 | 3.8          | 76.0   | 82.1 67            | 68.0 83 I         | I | 91 67   | 85.3         | 3.9                                                  | 86.0           | 45 83  | 63.3        | 7.5          | 63.5          | JUL 11         |  |  |  |
| JUL 21                                                              | 20         | 79.5 | 3.0          | 79.5   | 84.3 68            | 74.9 70 I         | I | 91 68   | 86.4         | 2.4                                                  | 86.5           | 55 72  | 69.2        | 7.5          | 69.5          | JUL 21         |  |  |  |
| AUG 1                                                               | 20         | 78.7 | 4.9          | 79.5   | 85.4 71 M          | 65.4 76 I         | I | 95 83   | 86.4         | 4.4                                                  | 87.0           | 51 76  | 67.8        | 8.7          | 67.5          | AUG 1          |  |  |  |
| AUG 11                                                              | 19         | 75.3 | 8.2          | 74.0   | 89.7 67            | 60.8 68 I         | I | 92 67   | 84.6         | 4.6                                                  | 84.0           | 47 68  | 64.2        | 12.0         | 63.0          | AUG 11         |  |  |  |
| AUG 21                                                              | 19         | 71.8 | 7.0          | 69.0   | 83.5 70            | 60.2 77 I         | I | 92 69   | 81.4         | 5.9                                                  | 79.0           | 47 64  | 59.4        | 8.9          | 57.0          | AUG 21         |  |  |  |
| SEP 1                                                               | 19         | 70.2 | 4.8          | 70.0   | 79.0 66            | 61.2 64 I         | I | 88 67   | 80.5         | 4.7                                                  | 81.0           | 43 64  | 56.3        | 7.7          | 55.0          | SEP 1          |  |  |  |
| SEP 11                                                              | 16         | 63.3 | 7.4          | 62.5   | 76.2 81 M          | 49.8 78 M         | I | 86 81   | 74.8         | 6.1                                                  | 74.5           | 37 68  | 47.9        | 7.0          | 46.5          | SEP 11         |  |  |  |
| SEP 21                                                              | 16         | 61.8 | 7.7          | 61.5   | 71.9 67            | 50.1 77 M         | I | 83 67   | 73.5         | 6.3                                                  | 74.5           | 37 81  | 48.3        | 8.1          | 47.0          | SEP 21         |  |  |  |
| OCT 1                                                               | 14         | 57.9 | 8.5          | 56.5   | 71.7 79            | 45.6 82 M         | I | 78 79   | 68.5         | 7.0                                                  | 70.5           | 35 75  | 46.5        | 9.0          | 47.0          | OCT 1          |  |  |  |
| MONTH                                                               |            |      |              |        |                    |                   | I |         |              |                                                      |                |        |             |              | MONTH         |                |  |  |  |
| MAY                                                                 | 13         | 56.6 | 4.1          | 56.0   | 61.9 73            | 49.6 77 M         | I | 85 66   | 75.7         | 5.0                                                  | 76.0           | 28 75  | 38.5        | 5.0          | 39.0          | MAY            |  |  |  |
| JUN                                                                 | 15         | 65.1 | 2.7          | 65.0   | 70.7 77            | 61.0 76 M         | I | 87 77   | 82.5         | 3.9                                                  | 83.0           | 38 78  | 43.5        | 3.1          | 43.0          | JUN            |  |  |  |
| JUL                                                                 | 18         | 76.7 | 2.9          | 77.0   | 81.2 67            | 70.4 83 I         | I | 91 68   | 88.2         | 1.9                                                  | 89.0           | 45 83  | 57.4        | 6.6          | 58.0          | JUL            |  |  |  |
| AUG                                                                 | 19         | 75.1 | 5.3          | 74.0   | 84.5 67            | 66.1 76 I         | I | 95 83   | 87.9         | 3.8                                                  | 88.0           | 47 68  | 56.9        | 7.3          | 55.0          | AUG            |  |  |  |
| SEP                                                                 | 13         | 66.8 | 4.2          | 67.0   | 72.6 67            | 61.0 77 M         | I | 88 67   | 81.2         | 4.1                                                  | 81.0           | 37 81  | 46.1        | 5.4          | 46.0          | SEP            |  |  |  |

## RELATIVE HUMIDITY

## MEAN, STANDARD DEVIATION, AND EXTREME VALUES

| STATION NUMBER 101209 MC CALL SO |     |      |      |        |           |             |             |        |      | 1964-1983                               |        |       |      |      |        |        |  |  |  |
|----------------------------------|-----|------|------|--------|-----------|-------------|-------------|--------|------|-----------------------------------------|--------|-------|------|------|--------|--------|--|--|--|
| 10-DAY AND MONTHLY PERIOD MEANS  |     |      |      |        |           |             |             |        |      | 10-DAY AND MONTHLY EXTREME DAILY VALUES |        |       |      |      |        |        |  |  |  |
| PRD.                             | NO. | MEAN | STD. | MEDIAN | HIGHEST   | LOWEST      |             | HIGH   | AVG. | STD.                                    | MEDIAN |       | AVG. | STD. | MEDIAN | PRD.   |  |  |  |
| BEGINS                           | YRS |      | DEV. |        | AVG.YR    | AVG.YR      |             | YR     | HIGH | DEV.                                    | HIGH   |       | LOW  | DEV. | LOW    | BEGINS |  |  |  |
| MAY                              | 1   | 11   | 54.2 | 9.6    | 54.0      | 68.8 77 M   | 40.6 72 I   | 100 75 | 84.5 | 12.9                                    | 88.0   | 14 72 | 28.1 | 8.0  | 27.0   | MAY 1  |  |  |  |
| MAY                              | 11  | 16   | 42.6 | 10.1   | 40.0      | 60.7 78     | 22.1 73 I   | 100 66 | 70.2 | 17.7                                    | 73.5   | 14 73 | 24.9 | 6.1  | 23.5   | MAY 11 |  |  |  |
| MAY                              | 21  | 16   | 47.4 | 12.5   | 45.5      | 70.9 64     | 29.3 83 I   | 93 80  | 73.6 | 13.2                                    | 74.5   | 13 66 | 25.1 | 7.7  | 25.0   | MAY 21 |  |  |  |
| JUN                              | 1   | 17   | 44.0 | 10.5   | 46.0      | 59.7 80 M   | 26.0 65 I   | 99 78  | 74.5 | 21.3                                    | 84.0   | 9 64  | 22.2 | 6.8  | 25.0   | JUN 1  |  |  |  |
| JUN                              | 11  | 17   | 47.9 | 11.0   | 46.0      | 70.9 64     | 32.1 66 I   | 100 79 | 76.9 | 20.9                                    | 81.0   | 9 71  | 27.9 | 8.2  | 26.0   | JUN 11 |  |  |  |
| JUN                              | 21  | 19   | 42.1 | 10.1   | 41.0      | 61.2 69     | 26.1 81 I   | 100 70 | 72.9 | 20.9                                    | 76.0   | 5 64  | 23.6 | 9.0  | 23.0   | JUN 21 |  |  |  |
| JUL                              | 1   | 17   | 35.3 | 9.5    | 34.0      | 59.3 78 M   | 20.0 73 I   | 100 83 | 59.2 | 20.2                                    | 56.0   | 6 77  | 20.9 | 7.9  | 21.0   | JUL 1  |  |  |  |
| JUL                              | 11  | 20   | 33.6 | 7.1    | 32.5      | 51.2 75     | 24.4 66 I   | 100 76 | 58.1 | 19.3                                    | 53.0   | 14 79 | 21.9 | 6.0  | 21.0   | JUL 11 |  |  |  |
| JUL                              | 21  | 20   | 29.0 | 7.7    | 28.5      | 43.6 70     | 15.8 68 I   | 100 77 | 49.7 | 18.9                                    | 43.0   | 8 74  | 17.8 | 6.3  | 18.0   | JUL 21 |  |  |  |
| AUG                              | 1   | 20   | 29.8 | 12.0   | 25.5      | 66.5 76     | 16.9 69 I   | 100 76 | 52.1 | 25.0                                    | 39.0   | 7 78  | 17.4 | 6.6  | 15.0   | AUG 1  |  |  |  |
| AUG                              | 11  | 19   | 34.4 | 14.6   | 31.0      | 62.1 76     | 14.9 67 I   | 100 76 | 58.5 | 27.7                                    | 54.0   | 8 73  | 20.1 | 8.1  | 20.0   | AUG 11 |  |  |  |
| AUG                              | 21  | 19   | 35.8 | 13.7   | 33.0      | 60.7 75     | 15.4 69 I   | 100 83 | 66.7 | 27.1                                    | 63.0   | 6 74  | 19.3 | 9.2  | 19.0   | AUG 21 |  |  |  |
| SEP                              | 1   | 19   | 33.7 | 8.1    | 32.0      | 56.4 78     | 22.8 66 I   | 100 78 | 57.2 | 22.7                                    | 48.0   | 13 69 | 19.2 | 5.2  | 18.0   | SEP 1  |  |  |  |
| SEP                              | 11  | 16   | 45.3 | 14.6   | 46.0      | 64.6 76     | 16.0 79 M I | 100 80 | 79.9 | 23.6                                    | 84.5   | 8 79  | 24.0 | 9.2  | 23.5   | SEP 11 |  |  |  |
| SEP                              | 21  | 16   | 44.3 | 12.0   | 42.5      | 72.4 77 M   | 28.3 75 I   | 100 82 | 76.9 | 20.5                                    | 77.0   | 11 83 | 23.3 | 8.2  | 23.0   | SEP 21 |  |  |  |
| OCT                              | 1   | 14   | 46.6 | 15.8   | 45.0      | 72.3 67     | 21.2 79 I   | 100 81 | 75.2 | 23.2                                    | 82.0   | 13 79 | 25.4 | 9.0  | 22.5   | OCT 1  |  |  |  |
| MONTH                            |     |      |      |        |           |             | I           |        |      |                                         |        |       |      |      |        | MONTH  |  |  |  |
| MAY                              | 13  | 47.5 | 8.2  | 46.0   | 61.7 78 M | 33.7 73 I   | 100 75      | 89.6   | 8.1  | 92.0                                    | 13 66  | 21.8  | 6.2  | 22.0 | MAY    |        |  |  |  |
| JUN                              | 15  | 44.6 | 6.2  | 43.0   | 61.0 80 M | 34.6 73 I   | 100 79      | 92.1   | 9.1  | 94.0                                    | 5 64   | 19.0  | 6.1  | 18.0 | JUN    |        |  |  |  |
| JUL                              | 18  | 32.5 | 6.5  | 33.0   | 41.3 70   | 22.4 68 I   | 100 83      | 69.8   | 20.3 | 62.5                                    | 6 77   | 15.6  | 5.2  | 17.0 | JUL    |        |  |  |  |
| AUG                              | 19  | 33.6 | 11.0 | 34.0   | 61.0 76   | 18.4 69 I   | 100 83      | 76.5   | 25.4 | 87.0                                    | 6 74   | 14.5  | 7.0  | 13.0 | AUG    |        |  |  |  |
| SEP                              | 13  | 39.8 | 8.4  | 39.0   | 58.4 77 M | 26.8 79 M I | 100 82      | 89.7   | 13.4 | 94.0                                    | 8 79   | 16.2  | 5.5  | 15.0 | SEP    |        |  |  |  |

Table 26—Frequencies of observed afternoon dry bulb and relative humidity values, at stations as in table 25

| DRY BULB TEMPERATURE                  |            |        |          |          |          |          |          |          |          | PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES<br>-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED |          |          |          |          |          |          |          |          |          |          |          |                     |                |       |
|---------------------------------------|------------|--------|----------|----------|----------|----------|----------|----------|----------|------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------------|----------------|-------|
| STATION NUMBER 101039 CAMPBELLS FERRY |            |        |          |          |          |          |          |          |          | 1964-1978                                                                                            |          |          |          |          |          |          |          |          |          |          |          |                     |                |       |
|                                       |            |        |          |          |          |          |          |          |          | TEMPERATURE VALUES                                                                                   |          |          |          |          |          |          |          |          |          |          |          |                     |                |       |
| PRD.<br>BEGINS                        | BELOW<br>0 | 0<br>4 | 5<br>9   | 10<br>14 | 15<br>19 | 20<br>24 | 25<br>29 | 30<br>34 | 35<br>39 | 40<br>44                                                                                             | 45<br>49 | 50<br>54 | 55<br>59 | 60<br>64 | 65<br>69 | 70<br>74 | 75<br>79 | 80<br>84 | 85<br>89 | 90<br>94 | 95<br>99 | 100<br>AND<br>ABOVE | PRD.<br>BEGINS |       |
| MAY 1                                 |            |        |          |          |          |          |          |          |          | 34                                                                                                   | 80       | 57       | 148      | 125      | 159      | 148      | 114      | 91       | 45       |          |          |                     | MAY 1          |       |
| MAY 11                                |            |        |          |          |          |          |          |          |          | 11                                                                                                   | 56       | 100      | 89       | 133      | 156      | 144      | 89       | 100      | 67       | 56       |          |                     | MAY 11         |       |
| MAY 21                                |            |        |          |          |          |          |          |          |          |                                                                                                      | 27       | 55       | 100      | 100      | 118      | 245      | 118      | 127      | 73       | 27       | 9        |                     | MAY 21         |       |
| JUN 1                                 |            |        |          |          |          |          |          |          |          |                                                                                                      |          | 15       | 92       | 115      | 108      | 154      | 131      | 154      | 131      | 62       | 31       | 8                   | JUN 1          |       |
| JUN 11                                |            |        |          |          |          |          |          |          |          |                                                                                                      | 8        | 15       | 69       | 85       | 138      | 138      | 123      | 138      | 169      | 77       | 38       |                     | JUN 11         |       |
| JUN 21                                |            |        |          |          |          |          |          |          |          |                                                                                                      | 8        | 23       | 62       | 38       | 69       | 108      | 115      | 162      | 208      | 100      | 69       | 38                  | JUN 21         |       |
| JUL 1                                 |            |        |          |          |          |          |          |          |          |                                                                                                      |          |          | 7        | 13       | 47       | 87       | 100      | 167      | 113      | 227      | 193      | 47                  | JUL 1          |       |
| JUL 11                                |            |        |          |          |          |          |          |          |          |                                                                                                      |          |          | 7        | 7        | 27       | 20       | 80       | 167      | 173      | 213      | 187      | 120                 | JUL 11         |       |
| JUL 21                                |            |        |          |          |          |          |          |          |          |                                                                                                      |          |          |          | 6        | 30       | 24       | 30       | 133      | 152      | 230      | 242      | 152                 | JUL 21         |       |
| AUG 1                                 |            |        |          |          |          |          |          |          |          |                                                                                                      |          |          |          |          | 20       | 33       | 67       | 100      | 147      | 213      | 233      | 187                 | AUG 1          |       |
| AUG 11                                |            |        |          |          |          |          |          |          |          |                                                                                                      |          | 7        | 47       | 20       | 73       | 40       | 53       | 113      | 107      | 173      | 207      | 160                 | AUG 11         |       |
| AUG 21                                |            |        |          |          |          |          |          |          |          |                                                                                                      |          | 6        | 36       | 24       | 85       | 91       | 152      | 158      | 121      | 139      | 103      | 85                  | AUG 21         |       |
| SEP 1                                 |            |        |          |          |          |          |          |          |          |                                                                                                      |          |          | 13       | 47       | 73       | 100      | 120      | 107      | 193      | 180      | 87       | 53                  | 27             | SEP 1 |
| SEP 11                                |            |        |          |          |          |          |          |          |          |                                                                                                      |          | 7        | 80       | 43       | 152      | 210      | 145      | 138      | 152      | 51       | 22       |                     | SEP 11         |       |
| SEP 21                                |            |        |          |          |          |          |          |          |          |                                                                                                      | 16       | 8        | 32       | 104      | 40       | 176      | 232      | 208      | 96       | 24       | 32       | 32                  | SEP 21         |       |
| OCT 1                                 |            |        |          |          |          |          |          |          |          |                                                                                                      |          | 56       | 144      | 133      | 111      | 156      | 278      | 111      | 11       |          |          |                     | OCT 1          |       |
| OCT 11                                |            |        |          |          |          |          |          |          |          |                                                                                                      |          | 12       | 99       | 111      | 235      | 259      | 210      |          |          |          |          |                     | OCT 11         |       |
| OCT 21                                |            |        |          |          |          |          |          |          |          |                                                                                                      |          | 96       | 164      | 260      | 247      | 151      | 82       |          |          |          |          |                     | OCT 21         |       |
| MONTH                                 |            |        |          |          |          |          |          |          |          | MONTH                                                                                                |          |          |          |          |          |          |          |          |          |          |          |                     |                |       |
| MAY                                   |            |        |          |          |          |          |          |          |          | 14                                                                                                   | 52       | 69       | 111      | 118      | 142      | 184      | 108      | 108      | 63       | 28       | 3        |                     | MAY            |       |
| JUN                                   |            |        |          |          |          |          |          |          |          |                                                                                                      | 5        | 18       | 74       | 79       | 105      | 133      | 123      | 151      | 169      | 79       | 46       | 15                  | JUN            |       |
| JUL                                   |            |        |          |          |          |          |          |          |          |                                                                                                      |          |          | 4        | 9        | 34       | 43       | 69       | 155      | 146      | 224      | 209      | 108                 | JUL            |       |
| AUG                                   |            |        |          |          |          |          |          |          |          |                                                                                                      |          | 4        | 28       | 15       | 60       | 56       | 92       | 125      | 125      | 174      | 178      | 142                 | AUG            |       |
| SEP                                   |            |        |          |          |          |          |          |          |          |                                                                                                      | 5        | 5        | 41       | 63       | 90       | 160      | 162      | 148      | 150      | 90       | 48       | 29                  | 10             | SEP   |
| OCT                                   |            |        |          |          |          |          |          |          |          |                                                                                                      | 33       | 102      | 168      | 201      | 172      | 152      | 119      | 49       | 4        |          |          |                     | OCT            |       |
| RELATIVE HUMIDITY                     |            |        |          |          |          |          |          |          |          | PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES<br>-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED |          |          |          |          |          |          |          |          |          |          |          |                     |                |       |
| STATION NUMBER 101039 CAMPBELLS FERRY |            |        |          |          |          |          |          |          |          | 1964-1978                                                                                            |          |          |          |          |          |          |          |          |          |          |          |                     |                |       |
|                                       |            |        |          |          |          |          |          |          |          | HUMIDITY VALUES                                                                                      |          |          |          |          |          |          |          |          |          |          |          |                     |                |       |
| PRD.<br>BEGINS                        | 0<br>4     | 5<br>9 | 10<br>14 | 15<br>19 | 20<br>24 | 25<br>29 | 30<br>34 | 35<br>39 | 40<br>44 | 45<br>49                                                                                             | 50<br>54 | 55<br>59 | 60<br>64 | 65<br>69 | 70<br>74 | 75<br>79 | 80<br>84 | 85<br>89 | 90<br>94 | 95<br>99 | 100      | PRD.<br>BEGINS      |                |       |
| MAY 1                                 |            |        |          | 68       | 114      | 91       | 102      | 159      | 80       | 80                                                                                                   | 57       | 45       | 23       | 23       | 34       | 34       | 23       | 23       | 11       | 34       |          | MAY 1               |                |       |
| MAY 11                                |            |        | 11       | 89       | 78       | 100      | 89       | 133      | 111      | 67                                                                                                   | 56       | 78       | 22       | 22       | 33       | 44       | 33       | 22       | 11       |          |          | MAY 11              |                |       |
| MAY 21                                |            |        |          | 100      | 91       | 136      | 145      | 82       | 82       | 100                                                                                                  | 91       | 27       | 45       | 9        | 36       | 9        | 27       | 9        |          | 9        |          | MAY 21              |                |       |
| JUN 1                                 |            |        | 8        | 38       | 92       | 146      | 185      | 92       | 85       | 85                                                                                                   | 85       | 15       | 46       | 8        | 15       |          | 54       | 23       | 15       | 8        |          | JUN 1               |                |       |
| JUN 11                                |            |        |          | 38       | 92       | 192      | 154      | 108      | 100      | 46                                                                                                   | 31       | 46       | 23       | 15       | 23       | 23       | 38       | 38       | 31       |          |          | JUN 11              |                |       |
| JUN 21                                |            |        |          | 69       | 169      | 162      | 115      | 162      | 85       | 62                                                                                                   | 23       | 15       | 15       | 31       | 8        | 23       | 38       | 15       |          | 8        |          | JUN 21              |                |       |
| JUL 1                                 |            |        | 47       | 187      | 160      | 113      | 127      | 140      | 53       | 53                                                                                                   | 20       | 27       | 13       | 13       | 13       |          | 7        |          |          |          |          | JUL 1               |                |       |
| JUL 11                                |            |        | 60       | 173      | 200      | 93       | 167      | 127      | 47       | 47                                                                                                   | 33       | 13       | 13       |          | 7        |          |          | 13       |          | 7        |          | JUL 11              |                |       |
| JUL 21                                |            |        | 109      | 224      | 236      | 164      | 67       | 85       | 30       | 6                                                                                                    | 24       | 6        | 24       | 6        |          |          | 12       |          | 6        |          |          | JUL 21              |                |       |
| AUG 1                                 |            |        | 147      | 240      | 187      | 173      | 80       | 27       | 47       | 20                                                                                                   | 13       | 13       | 13       | 20       | 13       |          |          |          | 7        |          |          | AUG 1               |                |       |
| AUG 11                                |            |        | 127      | 247      | 220      | 73       | 47       | 60       | 27       | 27                                                                                                   | 13       | 27       | 13       | 27       | 13       | 13       | 20       | 20       |          |          |          | AUG 11              |                |       |
| AUG 21                                |            |        | 115      | 188      | 91       | 145      | 73       | 115      | 61       | 61                                                                                                   | 30       | 30       | 18       | 6        | 12       | 12       | 12       | 30       |          |          |          | AUG 21              |                |       |
| SEP 1                                 |            |        | 47       | 133      | 120      | 160      | 187      | 127      | 40       | 33                                                                                                   | 27       | 7        | 20       | 27       | 13       | 7        | 7        | 13       | 27       |          | 7        | SEP 1               |                |       |
| SEP 11                                |            |        | 7        | 51       | 109      | 181      | 145      | 65       | 101      | 51                                                                                                   | 72       | 22       | 36       | 7        | 36       | 22       | 36       | 29       | 14       | 14       |          | SEP 11              |                |       |
| SEP 21                                |            |        | 24       | 40       | 120      | 144      | 136      | 152      | 112      | 88                                                                                                   | 48       | 24       | 16       | 16       |          | 24       | 16       | 24       | 8        | 8        |          | SEP 21              |                |       |
| OCT 1                                 |            |        |          |          | 33       | 89       | 189      | 167      | 111      | 56                                                                                                   | 33       | 22       | 11       | 44       | 67       | 44       | 44       | 56       | 22       | 11       |          | OCT 1               |                |       |
| OCT 11                                |            |        |          | 12       | 25       | 86       | 111      | 173      | 136      | 136                                                                                                  | 49       | 74       | 12       | 37       | 25       | 12       | 37       | 12       | 37       | 25       |          | OCT 11              |                |       |
| OCT 21                                |            |        |          |          |          |          | 55       | 110      | 178      | 164                                                                                                  | 82       | 110      | 68       | 96       | 41       | 41       | 14       | 14       | 27       |          |          | OCT 21              |                |       |
| MONTH                                 |            |        |          |          |          |          |          |          |          | MONTH                                                                                                |          |          |          |          |          |          |          |          |          |          |          |                     |                |       |
| MAY                                   |            |        | 3        | 87       | 94       | 111      | 115      | 122      | 90       | 83                                                                                                   | 69       | 49       | 31       | 17       | 35       | 28       | 28       | 17       | 7        | 14       |          | MAY                 |                |       |
| JUN                                   |            |        | 3        | 49       | 118      | 167      | 151      | 121      | 90       | 64                                                                                                   | 46       | 26       | 28       | 18       | 15       | 15       | 44       | 26       | 15       | 5        |          | JUN                 |                |       |
| JUL                                   |            |        | 73       | 196      | 200      | 125      | 118      | 116      | 43       | 34                                                                                                   | 26       | 15       | 17       | 4        | 9        | 6        | 2        | 6        | 4        | 2        | 2        | JUL                 |                |       |
| AUG                                   |            |        | 129      | 224      | 163      | 131      | 67       | 69       | 45       | 37                                                                                                   | 24       | 19       | 19       | 13       | 17       | 9        | 9        | 6        | 19       |          |          | AUG                 |                |       |
| SEP                                   |            |        | 27       | 77       | 116      | 162      | 157      | 114      | 82       | 56                                                                                                   | 48       | 17       | 24       | 17       | 17       | 17       | 19       | 22       | 17       | 7        | 2        | SEP                 |                |       |
| OCT                                   |            |        |          | 4        | 20       | 61       | 107      | 135      | 119      | 119                                                                                                  | 78       | 57       | 41       | 49       | 61       | 33       | 41       | 29       | 25       | 20       |          | OCT                 |                |       |

| RELATIVE HUMIDITY                     |        |        |          |          |          |          |          |          |          | PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES<br>-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED |          |          |          |          |          |          |          |          |          |          |     |                |  |  |
|---------------------------------------|--------|--------|----------|----------|----------|----------|----------|----------|----------|------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|----------------|--|--|
| STATION NUMBER 101039 CAMPBELLS FERRY |        |        |          |          |          |          |          |          |          | 1964-1978                                                                                            |          |          |          |          |          |          |          |          |          |          |     |                |  |  |
|                                       |        |        |          |          |          |          |          |          |          | HUMIDITY VALUES                                                                                      |          |          |          |          |          |          |          |          |          |          |     |                |  |  |
| PRD.<br>BEGINS                        | 0<br>4 | 5<br>9 | 10<br>14 | 15<br>19 | 20<br>24 | 25<br>29 | 30<br>34 | 35<br>39 | 40<br>44 | 45<br>49                                                                                             | 50<br>54 | 55<br>59 | 60<br>64 | 65<br>69 | 70<br>74 | 75<br>79 | 80<br>84 | 85<br>89 | 90<br>94 | 95<br>99 | 100 | PRD.<br>BEGINS |  |  |
| MAY 1                                 |        |        | 68       | 114      | 91       | 102      | 159      | 80       | 80       | 57                                                                                                   | 45       | 23       | 23       | 34       | 34       | 23       | 23       | 11       | 34       |          |     | MAY 1          |  |  |
| MAY 11                                |        | 11     | 89       | 78       | 100      | 89       | 133      | 111      | 67       | 56                                                                                                   | 78       | 22       | 22       | 33       | 44       | 33       | 22       | 11       |          |          |     | MAY 11         |  |  |
| MAY 21                                |        |        | 100      | 91       | 136      | 145      | 82       | 82       | 100      | 91                                                                                                   | 27       | 45       | 9        | 36       | 9        | 27       | 9        |          | 9        |          |     | MAY 21         |  |  |
| JUN 1                                 |        | 8      | 38       | 92       | 146      | 185      | 92       | 85       | 85       | 85                                                                                                   | 15       | 46       | 8        | 15       | 54       | 23       | 15       | 8        |          |          |     | JUN 1          |  |  |
| JUN 11                                |        |        | 38       | 92       | 192      | 154      | 108      | 100      | 46       | 31                                                                                                   | 46       | 23       | 15       | 23       | 23       | 38       | 38       | 31       |          |          |     | JUN 11         |  |  |
| JUN 21                                |        |        | 69       | 169      | 162      | 115      | 162      | 85       | 62       | 23                                                                                                   | 15       | 15       | 31       | 8        | 23       | 38       | 15       |          | 8        |          |     | JUN 21         |  |  |
| JUL 1                                 |        | 47     | 187      | 160      | 113      | 127      | 140      | 53       | 53       | 20                                                                                                   | 27       | 13       | 13       | 13       | 20       | 7        | 7        |          |          |          |     | JUL 1          |  |  |
| JUL 11                                |        | 60     | 173      | 200      | 93       | 167      | 127      | 47       | 47       | 33                                                                                                   | 13       | 13       |          | 7        |          |          |          | 13       |          | 7        |     | JUL 11         |  |  |
| JUL 21                                |        | 109    | 224      | 236      | 164      | 67       | 85       | 30       | 6        | 24                                                                                                   | 6        | 24       |          | 6        |          |          | 12       |          | 6        |          |     | JUL 21         |  |  |
| AUG 1                                 |        | 147    | 240      | 187      | 173      | 80       | 27       | 47       | 20       | 13                                                                                                   | 13       | 13       | 20       | 13       |          |          |          | 7        |          |          |     | AUG 1          |  |  |
| AUG 11                                |        | 127    | 247      | 220      | 73       | 47       | 60       | 27       | 27       | 13                                                                                                   | 27       | 13       | 27       | 13       | 13       | 20       | 20       |          |          |          |     | AUG 11         |  |  |
| AUG 21                                |        | 115    | 188      | 91       | 145      | 73       | 115      | 61       | 61       | 30                                                                                                   | 30       | 18       | 6        | 12       | 12       | 12       | 30       |          |          |          |     | AUG 21         |  |  |
| SEP 1                                 |        | 47     | 133      | 120      | 160      | 187      | 127      | 40       | 33       | 27                                                                                                   | 7        | 20       | 27       | 13       | 7        | 7        | 13       | 27       |          | 7        |     | SEP 1          |  |  |
| SEP 11                                |        | 7      | 51       | 109      | 181      | 145      | 65       | 101      | 51       | 72                                                                                                   | 22       | 36       | 7        | 36       | 22       | 36       | 29       | 14       | 14       |          |     | SEP 11         |  |  |
| SEP 21                                |        | 24     | 40       | 120      | 144      | 136      | 152      | 112      | 88       | 48                                                                                                   | 24       | 16       | 16       | 24       | 16       | 24       | 8        | 8        |          |          |     | SEP 21         |  |  |
| OCT 1                                 |        |        |          | 33       | 89       | 189      | 167      | 111      | 56       | 33                                                                                                   | 22       | 11       | 44       | 67       | 44       | 44       | 56       | 22       | 11       |          |     | OCT 1          |  |  |
| OCT 11                                |        |        | 12       | 25       | 86       | 111      | 173      | 136      | 136      | 49                                                                                                   | 74       | 12       | 37       | 25       | 12       | 37       | 12       | 37       | 25       |          |     | OCT 11         |  |  |
| OCT 21                                |        |        |          |          |          |          | 55       | 110      | 178      | 164                                                                                                  | 82       | 110      | 68       | 96       | 41       | 41       | 14       | 14       | 27       |          |     | OCT 21         |  |  |
| MONTH                                 |        |        |          |          |          |          |          |          |          | MONTH                                                                                                |          |          |          |          |          |          |          |          |          |          |     |                |  |  |
| MAY                                   |        | 3      | 87       | 94       | 111      | 115      | 122      | 90       | 83       | 69                                                                                                   | 49       | 31       | 17       | 35       | 28       | 28       | 17       | 7        | 14       |          |     | MAY            |  |  |
| JUN                                   |        | 3      | 49       | 118      | 167      | 151      | 121      | 90       | 64       | 46                                                                                                   | 26       | 28       | 18       | 15       | 15       | 44       | 26       | 15       | 5        |          |     | JUN            |  |  |
| JUL                                   |        | 73     | 196      | 200      | 125      | 118      | 116      | 43       | 34       | 26                                                                                                   | 15       | 17       | 4        | 9        | 6        | 2        | 6        | 4        | 2        | 2        |     | JUL            |  |  |
| AUG                                   |        | 129    | 224      | 163      | 131      | 67       | 69       | 45       | 37       | 24                                                                                                   | 19       | 19       | 13       | 17       | 9        | 9        | 6        | 19       |          |          |     | AUG            |  |  |
| SEP                                   |        | 27     | 77       | 116      | 162      | 157      | 114      | 82       | 56       | 48                                                                                                   | 17       | 24       | 17       | 17       | 17       | 19       | 22       | 17       | 7        | 2        |     | SEP            |  |  |
| OCT                                   |        |        | 4        | 20       | 61       | 107      | 135      | 119      | 119      | 78                                                                                                   | 57       | 41       | 49       | 61       | 33       | 41       | 29       | 25       | 20       |          |     | OCT            |  |  |
| (con.)                                |        |        |          |          |          |          |          |          |          |                                                                                                      |          |          |          |          |          |          |          |          |          |          |     |                |  |  |

(con.)

Table 26 (Con.)

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 101019             |   | HELLS HALF ACRE LO |    |    |    |    |    |    |    |     |     |     |     |     |     |    |    |    |    | 1964-1983 |  |  |                |       |  |  |  |  |       | PRD.<br>BEGINS |
|----------------|-------|--------------------|---|--------------------|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----------|--|--|----------------|-------|--|--|--|--|-------|----------------|
|                |       | TEMPERATURE VALUES |   |                    |    |    |    |    |    |    |    |     |     |     |     |     |     |    |    |    |    |           |  |  |                |       |  |  |  |  |       |                |
| PRD.           | BELOW | 0                  | 5 | 10                 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50  | 55  | 60  | 65  | 70  | 75  | 80 | 85 | 90 | 95 | 100       |  |  | PRD.<br>BEGINS |       |  |  |  |  |       |                |
| BEGINS         | 0     | 4                  | 9 | 14                 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54  | 59  | 64  | 69  | 74  | 79  | 84 | 89 | 94 | 99 | AND ABOVE |  |  |                |       |  |  |  |  |       |                |
| JUL 1          |       |                    |   |                    |    |    |    | 19 | 6  | 45 | 45 | 116 | 103 | 206 | 232 | 200 | 19  | 6  |    |    |    |           |  |  |                | JUL 1 |  |  |  |  |       |                |
| JUL 11         |       |                    |   |                    |    |    | 5  | 5  | 10 | 31 | 46 | 51  | 143 | 179 | 224 | 214 | 92  |    |    |    |    |           |  |  | JUL 11         |       |  |  |  |  |       |                |
| JUL 21         |       |                    |   |                    |    |    |    |    |    | 9  | 23 | 42  | 83  | 176 | 269 | 287 | 106 | 5  |    |    |    |           |  |  | JUL 21         |       |  |  |  |  |       |                |
| AUG 1          |       |                    |   |                    |    |    |    |    |    | 5  | 15 | 60  | 95  | 161 | 251 | 256 | 131 | 10 |    |    |    |           |  |  | AUG 1          |       |  |  |  |  |       |                |
| AUG 11         |       |                    |   |                    |    |    | 5  | 11 | 16 | 22 | 54 | 81  | 124 | 188 | 172 | 220 | 97  | 11 |    |    |    |           |  |  | AUG 11         |       |  |  |  |  |       |                |
| AUG 21         |       |                    |   |                    |    |    | 5  | 31 | 31 | 46 | 82 | 92  | 133 | 159 | 190 | 154 | 67  | 10 |    |    |    |           |  |  | AUG 21         |       |  |  |  |  |       |                |
| SEP 1          |       |                    |   |                    |    |    |    | 43 | 71 | 78 | 64 | 99  | 170 | 149 | 199 | 113 | 14  |    |    |    |    |           |  |  | SEP 1          |       |  |  |  |  |       |                |
| MONTH          |       |                    |   |                    |    |    |    |    |    |    |    |     |     |     |     |     |     |    |    |    |    |           |  |  |                |       |  |  |  |  | MONTH |                |
| JUL            |       |                    |   |                    |    |    | 2  | 7  | 5  | 26 | 37 | 65  | 109 | 185 | 243 | 238 | 78  | 4  |    |    |    |           |  |  | JUL            |       |  |  |  |  |       |                |
| AUG            |       |                    |   |                    |    |    | 3  | 14 | 17 | 28 | 50 | 78  | 117 | 169 | 205 | 210 | 98  | 10 |    |    |    |           |  |  | AUG            |       |  |  |  |  |       |                |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 101019 |                     |                     |                      | HELLS HALF ACRE LO   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |        | 1964-1983 |       |  |  |  |  |  |  |  |  |  |
|-----------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------|-----------|-------|--|--|--|--|--|--|--|--|--|
|                       |                     |                     |                      | HUMIDITY VALUES      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |        |           |       |  |  |  |  |  |  |  |  |  |
| PRD.                  | 0                   | 5                   | 10                   | 15                   | 20                   | 25                   | 30                   | 35                   | 40                   | 45                   | 50                   | 55                   | 60                   | 65                   | 70                   | 75                   | 80                   | 85                   | 90                   | 95                   | 100    | PRD.      |       |  |  |  |  |  |  |  |  |  |
| BEGINS                | T <sub>0</sub><br>4 | T <sub>0</sub><br>9 | T <sub>0</sub><br>14 | T <sub>0</sub><br>19 | T <sub>0</sub><br>24 | T <sub>0</sub><br>29 | T <sub>0</sub><br>34 | T <sub>0</sub><br>39 | T <sub>0</sub><br>44 | T <sub>0</sub><br>49 | T <sub>0</sub><br>54 | T <sub>0</sub><br>59 | T <sub>0</sub><br>64 | T <sub>0</sub><br>69 | T <sub>0</sub><br>74 | T <sub>0</sub><br>79 | T <sub>0</sub><br>84 | T <sub>0</sub><br>89 | T <sub>0</sub><br>94 | T <sub>0</sub><br>99 |        | BEGINS    |       |  |  |  |  |  |  |  |  |  |
| JUL 1                 |                     |                     |                      | 6                    | 65                   | 103                  | 123                  | 52                   | 148                  | 103                  | 84                   | 97                   | 39                   | 32                   | 45                   | 19                   | 6                    | 39                   | 19                   |                      | 19     | JUL 1     |       |  |  |  |  |  |  |  |  |  |
| JUL 11                |                     |                     |                      | 15                   | 31                   | 97                   | 77                   | 133                  | 97                   | 117                  | 97                   | 56                   | 61                   | 46                   | 41                   | 31                   | 36                   | 5                    | 10                   | 36                   | 15     | JUL 11    |       |  |  |  |  |  |  |  |  |  |
| JUL 21                |                     | 5                   | 14                   | 51                   | 111                  | 162                  | 130                  | 93                   | 102                  | 102                  | 60                   | 42                   | 23                   | 19                   | 37                   | 9                    | 9                    | 9                    | 19                   | 5                    | JUL 21 |           |       |  |  |  |  |  |  |  |  |  |
| AUG 1                 |                     |                     | 20                   | 70                   | 131                  | 141                  | 151                  | 85                   | 85                   | 70                   | 65                   | 25                   | 35                   | 45                   | 20                   | 15                   | 15                   | 10                   | 10                   | 5                    | AUG 1  |           |       |  |  |  |  |  |  |  |  |  |
| AUG 11                |                     |                     | 59                   | 108                  | 102                  | 124                  | 81                   | 65                   | 59                   | 48                   | 91                   | 54                   | 27                   | 38                   | 27                   | 27                   | 27                   | 16                   | 22                   | 27                   | AUG 11 |           |       |  |  |  |  |  |  |  |  |  |
| AUG 21                |                     | 10                  | 36                   | 92                   | 97                   | 62                   | 77                   | 87                   | 77                   | 56                   | 67                   | 72                   | 56                   | 36                   | 15                   | 26                   | 26                   | 36                   | 46                   | 26                   | AUG 21 |           |       |  |  |  |  |  |  |  |  |  |
| SEP 1                 |                     | 7                   | 14                   | 21                   | 106                  | 106                  | 106                  | 64                   | 113                  | 57                   | 92                   | 78                   | 71                   | 14                   | 21                   | 21                   | 14                   | 7                    | 14                   | 71                   | SEP 1  |           |       |  |  |  |  |  |  |  |  |  |
| MONTH                 |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |        |           | MONTH |  |  |  |  |  |  |  |  |  |
| JUL                   |                     | 2                   | 11                   | 32                   | 93                   | 116                  | 129                  | 83                   | 120                  | 101                  | 65                   | 63                   | 35                   | 30                   | 37                   | 21                   | 7                    | 18                   | 25                   |                      | 12     | JUL       |       |  |  |  |  |  |  |  |  |  |
| AUG                   |                     | 3                   | 38                   | 90                   | 110                  | 109                  | 103                  | 79                   | 74                   | 59                   | 74                   | 50                   | 40                   | 40                   | 21                   | 22                   | 22                   | 21                   | 26                   |                      | 19     | AUG       |       |  |  |  |  |  |  |  |  |  |

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 101019             |   | HELLS HALF ACRE LO |    |    |    |    |    |     |    |     |     |     |     |     |     |    |    |    |    |           |  | 1954-1970 |  |  |  |                |        |       |  |       |  | PRD.<br>BEGINS |
|----------------|-------|--------------------|---|--------------------|----|----|----|----|----|-----|----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----------|--|-----------|--|--|--|----------------|--------|-------|--|-------|--|----------------|
|                |       | TEMPERATURE VALUES |   |                    |    |    |    |    |    |     |    |     |     |     |     |     |     |    |    |    |    |           |  |           |  |  |  |                |        |       |  |       |  |                |
| PRD.           | BELOW | 0                  | 5 | 10                 | 15 | 20 | 25 | 30 | 35 | 40  | 45 | 50  | 55  | 60  | 65  | 70  | 75  | 80 | 85 | 90 | 95 | 100       |  |           |  |  |  | PRD.<br>BEGINS |        |       |  |       |  |                |
| BEGINS         | 0     | 4                  | 9 | 14                 | 19 | 24 | 29 | 34 | 39 | 44  | 49 | 54  | 59  | 64  | 69  | 74  | 79  | 84 | 89 | 94 | 99 | AND ABOVE |  |           |  |  |  |                |        |       |  |       |  |                |
| JUL 1          |       |                    |   |                    |    |    |    | 7  | 7  | 22  | 52 | 133 | 141 | 207 | 207 | 178 | 44  |    |    |    |    |           |  |           |  |  |  |                |        | JUL 1 |  |       |  |                |
| JUL 11         |       |                    |   |                    |    |    |    |    |    | 13  | 38 | 88  | 169 | 244 | 263 | 150 |     | 19 | 6  |    |    |           |  |           |  |  |  |                | JUL 11 |       |  |       |  |                |
| JUL 21         |       |                    |   |                    |    |    |    |    | 6  |     | 11 | 23  | 91  | 165 | 188 | 324 | 165 | 28 |    |    |    |           |  |           |  |  |  |                | JUL 21 |       |  |       |  |                |
| AUG 1          |       |                    |   |                    |    |    |    |    |    | 18  | 35 | 29  | 88  | 141 | 224 | 265 | 176 | 24 |    |    |    |           |  |           |  |  |  |                | AUG 1  |       |  |       |  |                |
| AUG 11         |       |                    |   |                    |    |    | 6  |    | 13 | 31  | 31 | 75  | 56  | 119 | 238 | 238 | 181 | 13 |    |    |    |           |  |           |  |  |  |                | AUG 11 |       |  |       |  |                |
| AUG 21         |       |                    |   |                    |    |    | 6  | 18 | 42 | 103 | 55 | 91  | 115 | 127 | 182 | 182 | 67  | 12 |    |    |    |           |  |           |  |  |  |                | AUG 21 |       |  |       |  |                |
| MONTH          |       |                    |   |                    |    |    |    |    |    |     |    |     |     |     |     |     |     |    |    |    |    |           |  |           |  |  |  |                |        |       |  | MONTH |  |                |
| JUL            |       |                    |   |                    |    |    |    | 2  | 4  | 11  | 23 | 59  | 104 | 178 | 212 | 261 | 125 | 17 | 2  |    |    |           |  |           |  |  |  |                | JUL    |       |  |       |  |                |
| AUG            |       |                    |   |                    |    |    | 4  | 6  | 18 | 51  | 40 | 65  | 87  | 129 | 214 | 228 | 141 | 16 |    |    |    |           |  |           |  |  |  |                | AUG    |       |  |       |  |                |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |    | 101019          |    | HELLS HALF ACRE LO |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    | 1954-1970 |  |  |  |  |  |  |  |  |        | PRD.<br>BEGINS |  |
|----------------|----|-----------------|----|--------------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|-----------|--|--|--|--|--|--|--|--|--------|----------------|--|
|                |    | HUMIDITY VALUES |    |                    |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |           |  |  |  |  |  |  |  |  |        |                |  |
| PRD.           | TO | 0               | 5  | 10                 | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100       |  |  |  |  |  |  |  |  |        |                |  |
| BEGINS         | 4  | 9               | 14 | 19                 | 24  | 29  | 34  | 39  | 44  | 49  | 54  | 59 | 64 | 69 | 74 | 79 | 84 | 89 | 94 | 99 |    |           |  |  |  |  |  |  |  |  |        |                |  |
| JUL 1          |    |                 |    |                    | 15  | 74  | 119 | 119 | 59  | 119 | 111 | 74 | 44 | 37 | 59 | 52 | 44 | 7  | 15 | 52 |    |           |  |  |  |  |  |  |  |  | JUL 1  |                |  |
| JUL 11         |    |                 | 6  | 31                 | 44  | 106 | 125 | 156 | 131 | 88  | 69  | 94 | 25 | 31 | 25 | 13 | 25 | 13 | 6  | 13 |    |           |  |  |  |  |  |  |  |  | JUL 11 |                |  |
| JUL 21         |    |                 | 6  | 34                 | 68  | 114 | 210 | 114 | 102 | 80  | 63  | 45 | 51 | 28 | 34 | 17 | 11 | 17 | 6  |    |    |           |  |  |  |  |  |  |  |  | JUL 21 |                |  |
| AUG 1          |    |                 |    | 35                 | 82  | 147 | 171 | 135 | 100 | 65  | 59  | 29 | 18 | 29 | 24 | 12 | 41 | 12 | 24 |    |    |           |  |  |  |  |  |  |  |  | AUG 1  |                |  |
| AUG 11         |    |                 |    | 56                 | 125 | 194 | 113 | 88  | 75  | 56  | 69  | 50 | 25 | 13 | 25 | 19 | 25 | 6  | 13 | 31 |    |           |  |  |  |  |  |  |  |  | AUG 11 |                |  |
| AUG 21         |    |                 | 12 | 42                 | 115 | 91  | 109 | 67  | 85  | 48  | 36  | 48 | 48 | 36 | 24 | 24 | 42 | 24 | 24 | 73 |    |           |  |  |  |  |  |  |  |  | AUG 21 |                |  |
| MONTH          |    |                 |    |                    |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |           |  |  |  |  |  |  |  |  |        | MONTH          |  |
| JUL            |    |                 | 4  | 23                 | 45  | 100 | 155 | 130 | 100 | 93  | 79  | 70 | 40 | 32 | 38 | 25 | 25 | 6  | 13 | 21 |    |           |  |  |  |  |  |  |  |  | JUL    |                |  |
| AUG            |    |                 | 4  | 44                 | 107 | 143 | 131 | 97  | 87  | 57  | 55  | 42 | 30 | 26 | 24 | 18 | 36 | 14 | 20 | 34 |    |           |  |  |  |  |  |  |  |  | AUG    |                |  |

Table 26 (Con.)

DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101032 RED RIVER RS

**1964-1983**

### TEMPERATURE VALUES

| PRD,<br>BEGINS | BELOW<br>0 | 0       | 5       | 10       | 15       | 20       | 25       | 30       | 35       | 40       | 45       | 50       | 55       | 60       | 65       | 70       | 75       | 80       | 85       | 90       | 95       | 100          | PRD,<br>BEGINS |
|----------------|------------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|----------------|
|                |            | TO<br>4 | TO<br>9 | TO<br>14 | TO<br>19 | TO<br>24 | TO<br>29 | TO<br>34 | TO<br>39 | TO<br>44 | TO<br>49 | TO<br>54 | TO<br>59 | TO<br>64 | TO<br>69 | TO<br>74 | TO<br>79 | TO<br>84 | TO<br>89 | TO<br>94 | TO<br>99 | AND<br>ABOVE |                |
| MAY 11         |            |         |         |          |          |          |          |          | 40       | 95       | 103      | 135      | 143      | 127      | 159      | 95       | 63       | 40       |          |          |          |              | MAY 11         |
| MAY 21         |            |         |         |          |          |          |          |          | 34       | 94       | 87       | 134      | 188      | 101      | 107      | 121      | 74       | 54       | 7        |          |          |              | MAY 21         |
| JUN 1          |            |         |         |          |          |          |          |          | 7        | 20       | 106      | 99       | 152      | 146      | 172      | 152      | 113      | 33       |          |          |          |              | JUN 1          |
| JUN 11         |            |         |         |          |          |          |          |          |          | 19       | 71       | 141      | 128      | 135      | 135      | 141      | 122      | 64       | 26       | 19       |          |              | JUN 11         |
| JUN 21         |            |         |         |          |          |          |          |          | 6        | 11       | 33       | 61       | 88       | 138      | 122      | 160      | 182      | 122      | 72       | 6        |          |              | JUN 21         |
| JUL 1          |            |         |         |          |          |          |          |          |          |          | 20       | 107      | 76       | 147      | 157      | 157      | 203      | 107      | 25       |          |          |              | JUL 1          |
| JUL 11         |            |         |         |          |          |          |          |          |          |          |          | 10       | 15       | 35       | 60       | 146      | 181      | 186      | 181      | 161      | 25       |              | JUL 11         |
| JUL 21         |            |         |         |          |          |          |          |          |          |          |          |          | 9        | 9        | 18       | 96       | 87       | 242      | 320      | 183      | 37       |              | JUL 21         |
| AUG 1          |            |         |         |          |          |          |          |          |          |          |          |          | 25       | 15       | 81       | 142      | 188      | 310      | 168      | 66       | 5        |              | AUG 1          |
| AUG 11         |            |         |         |          |          |          |          |          |          |          |          | 25       | 35       | 40       | 70       | 110      | 160      | 165      | 190      | 160      | 45       |              | AUG 11         |
| AUG 21         |            |         |         |          |          |          |          |          |          | 5        | 18       | 41       | 83       | 106      | 110      | 183      | 151      | 174      | 87       | 32       | 9        |              | AUG 21         |
| SEP 1          |            |         |         |          |          |          |          |          |          | 10       | 30       | 76       | 66       | 122      | 117      | 203      | 168      | 127      | 71       | 10       |          |              | SEP 1          |
| SEP 11         |            |         |         |          |          |          |          |          | 12       | 52       | 69       | 145      | 133      | 98       | 150      | 173      | 87       | 58       | 6        | 17       |          |              | SEP 11         |
| SEP 21         |            |         |         |          |          |          |          |          | 12       | 65       | 113      | 77       | 149      | 107      | 190      | 125      | 113      | 30       | 18       |          |          |              | SEP 21         |
| MONTH          |            |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              | MONTH          |
| JUN            |            |         |         |          |          |          |          |          | 4        | 16       | 68       |          | 121      | 139      | 141      | 152      | 141      | 76       | 35       | 8        |          |              | JUN            |
| JUL            |            |         |         |          |          |          |          |          |          |          | 3        | 15       | 49       | 50       | 128      | 140      | 197      | 237      | 151      | 29       |          |              | JUL            |
| AUG            |            |         |         |          |          |          |          |          |          | 2        | 15       | 26       | 50       | 65       | 101      | 163      | 167      | 223      | 137      | 47       | 5        |              | AUG            |
| SEP            |            |         |         |          |          |          |          |          | 7        | 41       | 69       | 99       | 113      | 110      | 151      | 169      | 125      | 74       | 33       | 9        |          |              | SEP            |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101032 RED RIVER RS

1964-1983

HUMIDITY VALUES

| PRD.<br>BEGINS |  | 0       | 5       | 10       | 15       | 20       | 25       | 30       | 35       | 40       | 45       | 50       | 55       | 60       | 65       | 70       | 75       | 80       | 85       | 90       | 95       | 100    | PRD.<br>BEGINS |  |
|----------------|--|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|----------------|--|
|                |  | TO<br>4 | TO<br>9 | TO<br>14 | TO<br>19 | TO<br>24 | TO<br>29 | TO<br>34 | TO<br>39 | TO<br>44 | TO<br>49 | TO<br>54 | TO<br>59 | TO<br>64 | TO<br>69 | TO<br>74 | TO<br>79 | TO<br>84 | TO<br>89 | TO<br>94 | TO<br>99 |        |                |  |
| MAY 11         |  |         | 8       | 32       | 40       | 79       | 95       | 71       | 87       | 135      | 87       | 56       | 40       | 56       | 8        | 32       | 48       | 32       | 16       | 40       |          | 40     | MAY 11         |  |
| MAY 21         |  |         |         |          | 67       | 67       | 114      | 87       | 94       | 67       | 67       | 67       | 34       | 60       | 20       | 47       | 54       | 40       | 47       | 60       |          | 7      | MAY 21         |  |
| JUN 1          |  |         |         |          | 46       | 46       | 119      | 86       | 139      | 53       | 106      | 53       | 13       | 66       | 60       | 40       | 46       | 60       | 33       | 33       |          |        | JUN 1          |  |
| JUN 11         |  |         |         |          | 26       | 64       | 115      | 96       | 96       | 77       | 90       | 58       | 38       | 64       | 51       | 58       | 51       | 32       | 45       | 26       |          | 13     | JUN 11         |  |
| JUN 21         |  |         |         | 33       | 50       | 44       | 88       | 116      | 122      | 105      | 77       | 88       | 55       | 28       | 39       | 28       | 28       | 28       | 50       | 17       |          | 6      | JUN 21         |  |
| JUL 1          |  |         | 5       | 15       | 81       | 81       | 127      | 142      | 66       | 81       | 142      | 51       | 46       | 36       | 46       | 15       | 25       | 5        | 15       | 15       | 5        |        | JUL 1          |  |
| JUL 11         |  |         |         | 10       | 106      | 85       | 111      | 136      | 141      | 116      | 55       | 45       | 55       | 40       | 25       | 15       | 30       | 5        | 15       |          | 10       | JUL 11 |                |  |
| JUL 21         |  |         | 5       | 18       | 96       | 169      | 164      | 192      | 91       | 91       | 50       | 9        | 37       | 18       | 14       | 5        | 18       | 9        |          | 9        | 5        |        | JUL 21         |  |
| AUG 1          |  |         | 5       | 25       | 91       | 157      | 234      | 162      | 61       | 107      | 36       | 30       | 15       | 15       | 10       | 15       | 5        |          | 5        |          |          |        | AUG 1          |  |
| AUG 11         |  |         | 5       | 30       | 85       | 145      | 145      | 110      | 95       | 55       | 90       | 45       | 30       | 30       | 30       | 15       | 10       | 25       | 20       | 15       |          | 20     | AUG 11         |  |
| AUG 21         |  |         | 9       | 41       | 106      | 124      | 96       | 151      | 69       | 60       | 64       | 55       | 46       | 32       | 28       | 32       | 18       | 18       | 9        | 28       |          | 14     | AUG 21         |  |
| SEP 1          |  |         |         | 25       | 71       | 127      | 81       | 173      | 122      | 112      | 46       | 91       | 20       | 25       | 15       | 25       | 10       | 20       | 15       | 15       | 5        |        | SEP 1          |  |
| SEP 11         |  |         |         | 17       | 40       | 104      | 110      | 116      | 92       | 81       | 81       | 69       | 58       | 40       | 29       | 23       | 23       | 35       | 46       | 23       |          | 12     | SEP 11         |  |
| SEP 21         |  |         | 6       | 24       | 18       | 95       | 77       | 71       | 149      | 83       | 54       | 107      | 60       | 71       | 24       | 24       | 24       | 24       | 48       | 36       |          | 6      | SEP 21         |  |
| MONTH          |  |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |        | MONTH          |  |
| JUN            |  |         |         | 12       | 41       | 51       | 107      | 100      | 119      | 80       | 90       | 68       | 37       | 51       | 49       | 41       | 41       | 39       | 43       | 25       |          | 6      | JUN            |  |
| JUL            |  |         | 3       | 15       | 94       | 114      | 135      | 158      | 99       | 96       | 81       | 34       | 46       | 31       | 28       | 11       | 24       | 7        | 5        | 13       | 7        |        | JUL            |  |
| AUG            |  |         | 7       | 33       | 94       | 141      | 156      | 141      | 75       | 73       | 63       | 44       | 31       | 26       | 24       | 20       | 15       | 16       | 11       | 18       |          | 11     | AUG            |  |
| SEP            |  |         | 2       | 22       | 45       | 110      | 89       | 123      | 121      | 93       | 59       | 49       | 45       | 45       | 22       | 24       | 19       | 26       | 35       | 24       |          | 7      | SEP            |  |

(con.)

Table 26 (Con.)

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 101032 |       |   | RED RIVER RS       |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     | 1951-1970 |       |  |  |  |  |  |                |        |        | PRD.<br>BEGINS |  |  |       |
|-----------------------|-------|---|--------------------|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-------|--|--|--|--|--|----------------|--------|--------|----------------|--|--|-------|
|                       |       |   | TEMPERATURE VALUES |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |           |       |  |  |  |  |  |                |        |        |                |  |  |       |
| PRD.                  | BELOW | 0 | 5                  | 10 | 15 | 20 | 25 | 30 | 35 | 40  | 45  | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 95        | 100   |  |  |  |  |  | PRD.<br>BEGINS |        |        |                |  |  |       |
| BEGINS                | 0     | 4 | 9                  | 14 | 19 | 24 | 29 | 34 | 39 | 44  | 49  | 54  | 59  | 64  | 69  | 74  | 79  | 84  | 89  | 94  | 99        | ABOVE |  |  |  |  |  |                |        |        |                |  |  |       |
| MAY 11                |       |   |                    |    |    |    |    |    | 39 | 108 | 98  | 137 | 108 | 127 | 176 | 98  | 69  | 39  |     |     |           |       |  |  |  |  |  |                |        |        | MAY 11         |  |  |       |
| MAY 21                |       |   |                    |    |    |    |    |    | 7  | 57  | 135 | 135 | 156 | 113 | 184 | 113 | 57  | 35  | 7   |     |           |       |  |  |  |  |  |                |        | MAY 21 |                |  |  |       |
| JUN 1                 |       |   |                    |    |    |    |    |    |    | 51  | 73  | 147 | 153 | 141 | 124 | 119 | 113 | 73  | 6   |     |           |       |  |  |  |  |  |                | JUN 1  |        |                |  |  |       |
| JUN 11                |       |   |                    |    |    |    |    |    |    | 5   | 52  | 115 | 110 | 131 | 136 | 209 | 120 | 63  | 52  | 5   |           |       |  |  |  |  |  |                | JUN 11 |        |                |  |  |       |
| JUN 21                |       |   |                    |    |    |    |    |    | 5  | 10  | 62  | 92  | 123 | 103 | 169 | 128 | 133 | 97  | 62  | 15  |           |       |  |  |  |  |  |                | JUN 21 |        |                |  |  |       |
| JUL 1                 |       |   |                    |    |    |    |    |    |    | 5   | 10  | 15  | 60  | 80  | 136 | 181 | 146 | 211 | 121 | 35  |           |       |  |  |  |  |  |                | JUL 1  |        |                |  |  |       |
| JUL 11                |       |   |                    |    |    |    |    |    |    |     |     | 5   | 30  | 55  | 90  | 111 | 201 | 241 | 176 | 85  | 5         |       |  |  |  |  |  |                | JUL 11 |        |                |  |  |       |
| JUL 21                |       |   |                    |    |    |    |    |    |    |     |     |     | 5   | 9   | 23  | 77  | 82  | 250 | 277 | 195 | 73        | 9     |  |  |  |  |  |                | JUL 21 |        |                |  |  |       |
| AUG 1                 |       |   |                    |    |    |    |    |    |    |     |     |     | 5   | 35  | 25  | 85  | 150 | 200 | 300 | 140 | 50        | 5     |  |  |  |  |  |                | AUG 1  |        |                |  |  |       |
| AUG 11                |       |   |                    |    |    |    |    |    |    |     |     | 15  | 25  | 15  | 55  | 80  | 115 | 255 | 240 | 150 | 50        |       |  |  |  |  |  |                | AUG 11 |        |                |  |  |       |
| AUG 21                |       |   |                    |    |    |    |    |    |    |     | 14  | 14  | 36  | 77  | 145 | 155 | 136 | 145 | 150 | 86  | 32        | 9     |  |  |  |  |  |                | AUG 21 |        |                |  |  |       |
| SEP 1                 |       |   |                    |    |    |    |    |    |    |     | 11  | 21  | 47  | 74  | 147 | 121 | 147 | 168 | 168 | 79  | 16        |       |  |  |  |  |  |                | SEP 1  |        |                |  |  |       |
| SEP 11                |       |   |                    |    |    |    |    |    | 26 | 32  | 71  | 116 | 161 | 103 | 90  | 116 | 148 | 97  | 39  |     |           |       |  |  |  |  |  |                | SEP 11 |        |                |  |  |       |
| SEP 21                |       |   |                    |    |    |    |    |    |    | 37  | 46  | 65  | 111 | 74  | 185 | 111 | 130 | 167 | 74  |     |           |       |  |  |  |  |  |                | SEP 21 |        |                |  |  |       |
| MONTH                 |       |   |                    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |           |       |  |  |  |  |  |                |        |        |                |  |  | MONTH |
| JUN                   |       |   |                    |    |    |    |    |    | 2  | 21  | 62  | 117 | 128 | 124 | 144 | 153 | 123 | 78  | 41  | 7   |           |       |  |  |  |  |  |                | JUN    |        |                |  |  |       |
| JUL                   |       |   |                    |    |    |    |    |    |    | 2   | 3   | 8   | 32  | 52  | 100 | 123 | 201 | 244 | 165 | 65  | 5         |       |  |  |  |  |  |                | JUL    |        |                |  |  |       |
| AUG                   |       |   |                    |    |    |    |    |    |    | 5   | 10  | 23  | 44  | 77  | 108 | 134 | 198 | 227 | 124 | 44  | 5         | 2     |  |  |  |  |  |                | AUG    |        |                |  |  |       |
| SEP                   |       |   |                    |    |    |    |    |    | 9  | 24  | 44  | 75  | 113 | 115 | 126 | 128 | 152 | 143 | 64  | 7   |           |       |  |  |  |  |  |                | SEP    |        |                |  |  |       |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |         | 101032  |          | RED RIVER RS    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |     | 1951-1970      |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------|---------|---------|----------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                |         |         |          | HUMIDITY VALUES |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PRD.<br>BEGINS | 0       | 5       | 10       | 15              | 20       | 25       | 30       | 35       | 40       | 45       | 50       | 55       | 60       | 65       | 70       | 75       | 80       | 85       | 90       | 95       | 100 | PRD.<br>BEGINS |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                | TO<br>4 | TO<br>9 | TO<br>14 | TO<br>19        | TO<br>24 | TO<br>29 | TO<br>34 | TO<br>39 | TO<br>44 | TO<br>49 | TO<br>54 | TO<br>59 | TO<br>64 | TO<br>69 | TO<br>74 | TO<br>79 | TO<br>84 | TO<br>89 | TO<br>94 | TO<br>99 |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAY 11         |         |         | 39       | 49              | 59       | 118      | 78       | 69       | 118      | 88       | 20       | 20       | 49       | 39       | 49       | 49       | 20       | 39       | 39       | 10       | 49  | MAY 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAY 21         |         |         |          | 43              | 64       | 85       | 113      | 99       | 85       | 78       | 57       | 28       | 64       | 43       | 64       | 35       | 28       | 57       | 57       |          |     | MAY 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUN 1          |         |         |          | 40              | 40       | 90       | 119      | 85       | 51       | 96       | 79       | 51       | 73       | 34       | 34       | 51       | 45       | 51       | 62       |          |     | JUN 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUN 11         |         |         | 5        | 21              | 94       | 68       | 115      | 120      | 120      | 84       | 52       | 31       | 52       | 47       | 26       | 42       | 42       | 63       | 16       |          |     | JUN 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUN 21         |         |         | 15       | 41              | 62       | 138      | 138      | 118      | 97       | 51       | 56       | 46       | 26       | 36       | 21       | 36       | 21       | 41       | 46       | 5        | 5   | JUN 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUL 1          |         |         | 20       | 80              | 136      | 116      | 126      | 106      | 80       | 95       | 45       | 40       | 35       | 20       | 15       | 45       | 5        | 5        | 20       | 10       |     | JUL 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUL 11         |         |         | 35       | 95              | 156      | 161      | 141      | 131      | 80       | 60       | 40       | 10       | 15       | 15       | 15       | 15       | 10       | 10       | 10       |          |     | JUL 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUL 21         |         |         | 9        | 32              | 123      | 232      | 132      | 155      | 86       | 55       | 50       | 36       | 23       | 18       | 14       | 5        | 18       | 9        | 5        |          |     | JUL 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AUG 1          |         | 10      | 45       | 100             | 120      | 180      | 185      | 105      | 90       | 15       | 40       | 15       | 15       | 15       | 15       | 15       | 5        | 10       | 15       | 5        |     | AUG 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AUG 11         |         |         | 50       | 115             | 155      | 185      | 150      | 100      | 75       | 25       | 35       | 5        | 15       | 10       | 20       | 5        | 5        | 5        | 20       | 5        | 20  | AUG 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AUG 21         |         | 18      | 45       | 123             | 95       | 114      | 136      | 68       | 59       | 45       | 64       | 45       | 27       | 27       | 36       | 14       | 18       | 18       | 36       |          | 9   | AUG 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEP 1          |         |         | 37       | 79              | 158      | 121      | 147      | 132      | 74       | 42       | 63       | 5        | 26       | 37       | 5        | 16       | 21       | 21       | 16       |          |     | SEP 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEP 11         |         | 6       | 26       | 110             | 65       | 129      | 58       | 77       | 77       | 103      | 77       | 39       | 26       | 26       | 19       | 13       | 26       | 45       | 58       | 6        | 13  | SEP 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEP 21         |         | 9       | 37       | 139             | 120      | 111      | 102      | 93       | 65       | 28       | 74       | 46       | 65       | 19       | 19       | 19       | 19       | 28       |          | 9        |     | SEP 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MONTH          |         |         |          |                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |     | MONTH          |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUN            |         |         | 7        | 34              | 66       | 99       | 124      | 108      | 91       | 76       | 62       | 43       | 50       | 39       | 27       | 43       | 36       | 52       | 41       | 2        | 2   | JUN            |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUL            |         | 3       | 29       | 100             | 176      | 136      | 141      | 107      | 71       | 68       | 40       | 24       | 23       | 16       | 11       | 26       | 5        | 6        | 10       | 6        |     | JUL            |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AUG            |         | 10      | 47       | 113             | 123      | 158      | 156      | 90       | 74       | 29       | 47       | 23       | 19       | 18       | 24       | 11       | 10       | 11       | 24       | 3        | 10  | AUG            |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEP            |         | 4       | 33       | 104             | 117      | 121      | 106      | 104      | 73       | 60       | 71       | 26       | 35       | 29       | 13       | 15       | 18       | 29       | 33       | 2        | 7   | SEP            |  |  |  |  |  |  |  |  |  |  |  |  |  |

(con.)

Table 26 (Con.)

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 101033 |   | RIGGINS RS |    | TEMPERATURE VALUES |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |       |  |        |  | 1964-1983 |  |  |
|----------------|-------|--------|---|------------|----|--------------------|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--|--------|--|-----------|--|--|
| PRD.           | BELOW | 0      | 5 | 10         | 15 | 20                 | 25 | 30 | 35 | 40 | 45 | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 95  | 100   |  | PRD.   |  |           |  |  |
| BEGINS         | 0     | 4      | 9 | 14         | 19 | 24                 | 29 | 34 | 39 | 44 | 49 | 54  | 59  | 64  | 69  | 74  | 79  | 84  | 89  | 94  | 99  | ABOVE |  | BEGINS |  |           |  |  |
| MAY 1          |       |        |   |            |    |                    |    |    |    | 37 | 37 | 106 | 122 | 159 | 180 | 132 | 111 | 69  | 32  | 11  | 5   |       |  | MAY 1  |  |           |  |  |
| MAY 11         |       |        |   |            |    |                    |    |    |    | 5  | 26 | 79  | 100 | 116 | 153 | 200 | 126 | 84  | 89  | 21  |     |       |  | MAY 11 |  |           |  |  |
| MAY 21         |       |        |   |            |    |                    |    |    |    | 24 | 53 | 53  | 129 | 167 | 196 | 144 | 100 | 62  | 62  |     | 10  |       |  | MAY 21 |  |           |  |  |
| JUN 1          |       |        |   |            |    |                    |    |    |    | 5  | 11 | 53  | 105 | 132 | 211 | 163 | 142 | 111 | 63  | 5   |     |       |  | JUN 1  |  |           |  |  |
| JUN 11         |       |        |   |            |    |                    |    |    |    |    | 25 | 65  | 95  | 110 | 195 | 100 | 155 | 145 | 85  | 20  | 5   |       |  | JUN 11 |  |           |  |  |
| JUN 21         |       |        |   |            |    |                    |    |    |    | 5  | 5  | 40  | 76  | 40  | 141 | 152 | 187 | 162 | 111 | 51  | 30  |       |  | JUN 21 |  |           |  |  |
| JUL 1          |       |        |   |            |    |                    |    |    |    |    |    | 15  | 5   | 35  | 131 | 116 | 201 | 156 | 186 | 131 | 25  |       |  | JUL 1  |  |           |  |  |
| JUL 11         |       |        |   |            |    |                    |    |    |    |    |    | 5   | 5   | 25  | 50  | 120 | 210 | 250 | 145 | 110 | 80  |       |  | JUL 11 |  |           |  |  |
| JUL 21         |       |        |   |            |    |                    |    |    |    |    |    |     | 9   | 18  | 23  | 37  | 78  | 215 | 301 | 256 | 64  |       |  | JUL 21 |  |           |  |  |
| AUG 1          |       |        |   |            |    |                    |    |    |    |    |    |     |     | 10  | 30  | 60  | 85  | 170 | 300 | 225 | 120 |       |  | AUG 1  |  |           |  |  |
| AUG 11         |       |        |   |            |    |                    |    |    |    |    |    |     | 10  | 35  | 30  | 70  | 70  | 190 | 140 | 170 | 175 | 110   |  | AUG 11 |  |           |  |  |
| AUG 21         |       |        |   |            |    |                    |    |    |    |    |    |     | 14  | 32  | 73  | 118 | 132 | 164 | 145 | 182 | 82  | 59    |  | AUG 21 |  |           |  |  |
| SEP 1          |       |        |   |            |    |                    |    |    |    |    |    | 10  | 20  | 40  | 70  | 130 | 155 | 210 | 205 | 105 | 45  | 10    |  | SEP 1  |  |           |  |  |
| SEP 11         |       |        |   |            |    |                    |    |    |    | 5  | 42 | 74  | 95  | 174 | 153 | 142 | 158 | 116 | 32  | 11  |     |       |  | SEP 11 |  |           |  |  |
| SEP 21         |       |        |   |            |    |                    |    |    |    |    | 37 | 80  | 101 | 112 | 213 | 239 | 149 | 37  | 16  | 16  |     |       |  | SEP 21 |  |           |  |  |
| OCT 1          |       |        |   |            |    |                    |    |    |    |    | 18 | 72  | 145 | 114 | 102 | 181 | 223 | 114 | 30  |     |     |       |  | OCT 1  |  |           |  |  |
| OCT 11         |       |        |   |            |    |                    |    |    |    | 7  | 40 | 113 | 232 | 245 | 172 | 113 | 73  | 7   |     |     |     |       |  | OCT 11 |  |           |  |  |
| MONTH          |       |        |   |            |    |                    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |       |  |        |  | MONTH     |  |  |
| MAY            |       |        |   |            |    |                    |    |    |    | 14 | 29 | 78  | 90  | 134 | 167 | 177 | 128 | 85  | 61  | 32  | 5   |       |  | MAY    |  |           |  |  |
| JUN            |       |        |   |            |    |                    |    |    |    | 3  | 14 | 53  | 92  | 94  | 182 | 138 | 162 | 139 | 87  | 26  | 12  |       |  | JUN    |  |           |  |  |
| JUL            |       |        |   |            |    |                    |    |    |    |    |    | 6   | 6   | 26  | 66  | 89  | 160 | 207 | 214 | 168 | 57  |       |  | JUL    |  |           |  |  |
| AUG            |       |        |   |            |    |                    |    |    |    |    |    | 8   | 26  | 35  | 74  | 89  | 147 | 152 | 216 | 158 | 95  |       |  | AUG    |  |           |  |  |
| SEP            |       |        |   |            |    |                    |    |    |    | 2  | 29 | 57  | 78  | 118 | 164 | 178 | 173 | 121 | 52  | 24  | 3   |       |  | SEP    |  |           |  |  |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |              | 101033       |                | RIGGINS RS     |                | HUMIDITY VALUES |                |                |                |                |                |                |                |                |                |                |                |                |                |                |     |                |        |  |  | 1964-1983 |  |  |  |  |
|----------------|--------------|--------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|----------------|--------|--|--|-----------|--|--|--|--|
| PRD.<br>BEGINS | 0<br>TO<br>4 | 5<br>TO<br>9 | 10<br>TO<br>14 | 15<br>TO<br>19 | 20<br>TO<br>24 | 25<br>TO<br>29  | 30<br>TO<br>34 | 35<br>TO<br>39 | 40<br>TO<br>44 | 45<br>TO<br>49 | 50<br>TO<br>54 | 55<br>TO<br>59 | 60<br>TO<br>64 | 65<br>TO<br>69 | 70<br>TO<br>74 | 75<br>TO<br>79 | 80<br>TO<br>84 | 85<br>TO<br>89 | 90<br>TO<br>94 | 95<br>TO<br>99 | 100 | PRD.<br>BEGINS |        |  |  |           |  |  |  |  |
| MAY 1          |              | 5            | 21             | 58             | 111            | 153             | 138            | 95             | 127            | 69             | 53             | 37             | 37             | 21             | 21             | 16             | 16             |                | 21             |                |     |                | MAY 1  |  |  |           |  |  |  |  |
| MAY 11         |              | 5            | 42             | 111            | 105            | 189             | 174            | 84             | 47             | 53             | 26             | 63             | 26             | 21             | 26             | 11             |                | 16             |                |                |     |                | MAY 11 |  |  |           |  |  |  |  |
| MAY 21         |              | 10           | 48             | 67             | 177            | 148             | 124            | 110            | 81             | 72             | 19             | 24             | 24             | 48             | 14             | 10             | 5              | 5              | 5              | 5              | 5   |                | MAY 21 |  |  |           |  |  |  |  |
| JUN 1          |              | 5            | 21             | 111            | 121            | 158             | 137            | 89             | 89             | 58             | 42             | 42             | 11             | 47             | 26             | 21             | 11             | 11             |                |                |     |                | JUN 1  |  |  |           |  |  |  |  |
| JUN 11         |              | 15           | 15             | 70             | 135            | 145             | 145            | 85             | 110            | 70             | 45             | 55             | 10             | 15             | 35             | 15             | 10             | 25             |                |                |     |                | JUN 11 |  |  |           |  |  |  |  |
| JUN 21         |              | 10           | 76             | 136            | 146            | 157             | 146            | 66             | 66             | 25             | 25             | 51             | 30             | 25             | 15             | 15             | 10             |                |                |                |     | JUN 21         |        |  |  |           |  |  |  |  |
| JUL 1          |              | 30           | 106            | 136            | 161            | 146             | 146            | 75             | 75             | 40             | 30             | 15             | 10             | 10             | 20             |                |                |                |                |                |     | JUL 1          |        |  |  |           |  |  |  |  |
| JUL 11         |              | 25           | 95             | 150            | 165            | 185             | 140            | 115            | 50             | 30             |                | 15             | 5              | 5              | 10             | 5              | 5              |                |                |                |     | JUL 11         |        |  |  |           |  |  |  |  |
| JUL 21         |              | 18           | 183            | 283            | 196            | 183             | 41             | 23             | 18             | 14             | 14             | 5              | 5              |                | 5              | 9              |                | 5              |                |                |     | JUL 21         |        |  |  |           |  |  |  |  |
| AUG 1          |              | 50           | 215            | 260            | 200            | 125             | 70             | 25             | 15             |                | 15             | 5              |                | 10             |                |                | 5              | 5              |                |                |     | AUG 1          |        |  |  |           |  |  |  |  |
| AUG 11         |              | 75           | 195            | 180            | 145            | 110             | 80             | 60             | 30             | 25             | 20             | 20             | 25             | 5              | 5              | 10             |                | 5              | 5              | 5              | 5   | AUG 11         |        |  |  |           |  |  |  |  |
| AUG 21         |              | 68           | 123            | 168            | 150            | 109             | 114            | 73             | 68             | 50             | 14             | 9              | 9              | 5              | 14             |                | 18             | 9              |                |                |     | AUG 21         |        |  |  |           |  |  |  |  |
| SEP 1          |              | 30           | 110            | 155            | 200            | 190             | 95             | 80             | 40             | 15             | 10             | 10             | 25             | 5              | 5              | 5              | 15             | 5              | 5              |                |     | SEP 1          |        |  |  |           |  |  |  |  |
| SEP 11         |              |              | 53             | 184            | 111            | 153             | 137            | 68             | 58             | 42             | 47             | 32             | 42             | 21             | 11             | 21             | 11             | 11             |                |                |     | SEP 11         |        |  |  |           |  |  |  |  |
| SEP 21         |              | 16           | 16             | 117            | 128            | 207             | 154            | 106            | 101            | 27             | 37             | 32             | 11             | 16             | 21             |                | 5              | 5              |                |                |     | SEP 21         |        |  |  |           |  |  |  |  |
| OCT 1          |              | 12           | 30             | 90             | 157            | 175             | 133            | 72             | 78             | 72             | 54             | 12             | 24             | 24             | 6              | 18             | 6              | 24             |                |                | 12  | OCT 1          |        |  |  |           |  |  |  |  |
| OCT 11         |              |              | 7              | 46             | 126            | 132             | 132            | 132            | 106            | 106            | 53             | 46             | 7              | 13             | 7              | 26             | 13             | 7              | 26             |                | 13  | OCT 11         |        |  |  |           |  |  |  |  |
| MONTH          |              |              |                |                |                |                 |                |                |                |                |                |                |                |                |                |                |                |                |                |                |     | MONTH          |        |  |  |           |  |  |  |  |
| MAY            |              | 7            | 37             | 78             | 133            | 163             | 145            | 97             | 85             | 65             | 32             | 41             | 29             | 31             | 20             | 12             | 7              | 7              | 9              | 2              | 2   | MAY            |        |  |  |           |  |  |  |  |
| JUN            |              | 10           | 37             | 105            | 134            | 153             | 143            | 80             | 88             | 51             | 37             | 49             | 17             | 29             | 26             | 17             | 10             | 12             |                |                |     | JUN            |        |  |  |           |  |  |  |  |
| JUL            |              | 24           | 129            | 193            | 175            | 172             | 107            | 70             | 47             | 28             | 15             | 11             | 6              | 5              | 11             | 5              | 2              | 2              |                |                |     | JUL            |        |  |  |           |  |  |  |  |
| AUG            |              | 65           | 176            | 202            | 165            | 115             | 89             | 53             | 39             | 26             | 16             | 11             | 11             | 6              | 6              | 3              | 8              | 6              | 2              | 2              |     | AUG            |        |  |  |           |  |  |  |  |
| SEP            |              | 16           | 61             | 152            | 147            | 183             | 128            | 85             | 66             | 28             | 31             | 24             | 26             | 14             | 12             | 9              | 10             | 7              | 2              |                |     | SEP            |        |  |  |           |  |  |  |  |

(con.)

Table 26 (Con.)

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 101033 |      | RIGGINS RS |       | TEMPERATURE VALUES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |           |  |        |  | 1951-1970 |  |  |
|----------------|-------|--------|------|------------|-------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|--|--------|--|-----------|--|--|
| PRD.           | BELOW | 0      | 5    | 10         | 15    | 20                 | 25    | 30    | 35    | 40    | 45    | 50    | 55    | 60    | 65    | 70    | 75    | 80    | 85    | 90    | 95    | 100       |  | PRD.   |  |           |  |  |
| BEGINS         | 0     | TO 4   | TO 9 | TO 14      | TO 19 | TO 24              | TO 29 | TO 34 | TO 39 | TO 44 | TO 49 | TO 54 | TO 59 | TO 64 | TO 69 | TO 74 | TO 79 | TO 84 | TO 89 | TO 94 | TO 99 | AND ABOVE |  | BEGINS |  |           |  |  |
| MAY 1          |       |        |      |            |       |                    |       |       |       | 56    | 56    | 100   | 133   | 156   | 122   | 133   | 89    | 78    | 44    | 22    | 11    |           |  | MAY 1  |  |           |  |  |
| MAY 11         |       |        |      |            |       |                    |       |       |       | 10    | 100   | 80    | 150   | 110   | 250   | 90    | 140   | 60    | 10    |       |       |           |  | MAY 11 |  |           |  |  |
| MAY 21         |       |        |      |            |       |                    |       |       |       | 9     | 64    | 27    | 145   | 173   | 200   | 127   | 127   | 82    | 36    | 9     |       |           |  | MAY 21 |  |           |  |  |
| JUN 1          |       |        |      |            |       |                    |       |       |       |       | 28    | 39    | 128   | 112   | 196   | 123   | 145   | 156   | 56    | 11    | 6     |           |  | JUN 1  |  |           |  |  |
| JUN 11         |       |        |      |            |       |                    |       |       |       |       | 5     | 48    | 80    | 138   | 144   | 122   | 160   | 170   | 96    | 37    |       |           |  | JUN 11 |  |           |  |  |
| JUN 21         |       |        |      |            |       |                    |       |       |       |       | 5     | 41    | 67    | 92    | 154   | 154   | 144   | 174   | 87    | 51    | 31    |           |  | JUN 21 |  |           |  |  |
| JUL 1          |       |        |      |            |       |                    |       |       |       |       |       | 5     | 15    | 25    | 90    | 130   | 120   | 220   | 205   | 150   | 40    |           |  | JUL 1  |  |           |  |  |
| JUL 11         |       |        |      |            |       |                    |       |       |       |       |       |       |       | 20    | 25    | 65    | 135   | 210   | 230   | 185   | 130   |           |  | JUL 11 |  |           |  |  |
| JUL 21         |       |        |      |            |       |                    |       |       |       |       |       |       |       | 9     | 32    | 27    | 68    | 186   | 264   | 295   | 118   |           |  | JUL 21 |  |           |  |  |
| AUG 1          |       |        |      |            |       |                    |       |       |       |       |       |       | 15    | 10    | 25    | 40    | 120   | 150   | 330   | 220   | 90    |           |  | AUG 1  |  |           |  |  |
| AUG 11         |       |        |      |            |       |                    |       |       |       |       | 5     | 5     | 30    | 20    | 10    | 55    | 95    | 180   | 280   | 215   | 105   |           |  | AUG 11 |  |           |  |  |
| AUG 21         |       |        |      |            |       |                    |       |       |       |       | 5     | 23    | 32    | 55    | 82    | 191   | 145   | 145   | 155   | 91    | 77    |           |  | AUG 21 |  |           |  |  |
| SEP 1          |       |        |      |            |       |                    |       |       |       |       |       | 10    | 5     | 40    | 45    | 115   | 170   | 125   | 215   | 170   | 85    | 20        |  | SEP 1  |  |           |  |  |
| SEP 11         |       |        |      |            |       |                    |       |       |       |       | 5     | 42    | 47    | 105   | 153   | 153   | 111   | 111   | 168   | 74    | 21    | 11        |  | SEP 11 |  |           |  |  |
| SEP 21         |       |        |      |            |       |                    |       |       |       |       | 5     | 27    | 75    | 81    | 118   | 156   | 183   | 151   | 70    | 97    | 38    |           |  | SEP 21 |  |           |  |  |
| OCT 1          |       |        |      |            |       |                    |       |       |       |       | 16    | 70    | 117   | 109   | 148   | 148   | 188   | 172   | 23    | 8     |       |           |  | OCT 1  |  |           |  |  |
| OCT 11         |       |        |      |            |       |                    |       |       |       | 10    | 20    | 129   | 248   | 149   | 158   | 149   | 99    | 40    |       |       |       |           |  | OCT 11 |  |           |  |  |
| MONTH          |       |        |      |            |       |                    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |           |  |        |  | MONTH     |  |  |
| MAY            |       |        |      |            |       |                    |       |       |       | 17    | 23    | 87    | 77    | 150   | 137   | 197   | 103   | 117   | 63    | 23    | 7     |           |  | MAY    |  |           |  |  |
| JUN            |       |        |      |            |       |                    |       |       |       |       |       | 12    | 43    | 91    | 114   | 164   | 133   | 149   | 167   | 80    | 34    | 12        |  | JUN    |  |           |  |  |
| JUL            |       |        |      |            |       |                    |       |       |       |       |       |       | 2     | 5     | 18    | 48    | 73    | 106   | 205   | 234   | 213   | 97        |  | JUL    |  |           |  |  |
| AUG            |       |        |      |            |       |                    |       |       |       |       |       | 3     | 10    | 26    | 29    | 40    | 98    | 121   | 158   | 252   | 173   | 90        |  | AUG    |  |           |  |  |
| SEP            |       |        |      |            |       |                    |       |       |       |       | 3     | 26    | 42    | 75    | 104   | 141   | 155   | 128   | 153   | 115   | 49    | 10        |  | SEP    |  |           |  |  |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 101033 |        |        | RIGGINS RS |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |     | HUMIDITY VALUES |       |  |  |  |  |  |  |  |  | 1951-1970 |  |  |  |  |  |  |  |  |  |  |
|-----------------------|--------|--------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|-----------------|-------|--|--|--|--|--|--|--|--|-----------|--|--|--|--|--|--|--|--|--|--|
| PRD. BEGINS           | 0 TO 4 | 5 TO 9 | 10 TO 14   | 15 TO 19 | 20 TO 24 | 25 TO 29 | 30 TO 34 | 35 TO 39 | 40 TO 44 | 45 TO 49 | 50 TO 54 | 55 TO 59 | 60 TO 64 | 65 TO 69 | 70 TO 74 | 75 TO 79 | 80 TO 84 | 85 TO 89 | 90 TO 94 | 95 TO 99 | 100 | PRD. BEGINS     |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| MAY 1                 |        |        |            | 22       | 78       | 89       | 100      | 111      | 67       | 178      | 56       | 56       | 33       | 44       | 56       | 44       | 11       | 33       |          | 22       |     | MAY 1           |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| MAY 11                |        |        |            | 10       | 110      | 90       | 170      | 150      | 130      | 50       | 50       | 40       | 70       | 20       | 20       | 40       | 30       |          | 20       |          |     | MAY 11          |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| MAY 21                |        | 18     | 36         | 73       | 127      | 91       | 127      | 118      | 118      | 100      | 18       | 27       | 45       | 55       |          | 27       | 9        |          |          | 9        |     | MAY 21          |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUN 1                 |        |        | 11         | 67       | 106      | 151      | 112      | 106      | 128      | 39       | 101      | 56       | 39       | 11       | 28       | 17       | 22       |          |          |          |     | JUN 1           |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUN 11                |        |        | 11         | 90       | 96       | 165      | 170      | 96       | 117      | 64       | 69       | 32       | 11       | 16       | 16       | 11       | 21       |          | 5        | 5        | 5   | JUN 11          |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUN 21                |        | 5      | 51         | 128      | 209      | 128      | 128      | 87       | 61       | 41       | 20       | 41       | 41       | 10       | 15       | 15       | 15       |          | 5        |          |     | JUN 21          |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUL 1                 |        | 20     | 110        | 190      | 225      | 130      | 170      | 35       | 40       | 30       | 30       | 5        | 5        | 5        |          |          | 5        |          |          |          |     | JUL 1           |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUL 11                |        | 55     | 125        | 185      | 255      | 165      | 85       | 55       | 25       | 25       |          | 5        | 5        |          |          | 10       |          | 5        |          |          |     | JUL 11          |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUL 21                |        | 41     | 259        | 300      | 173      | 118      | 45       | 9        | 32       | 5        | 5        | 9        |          |          | 5        |          |          |          |          |          |     | JUL 21          |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| AUG 1                 |        | 55     | 190        | 315      | 190      | 110      | 40       | 20       | 25       | 10       | 5        |          |          | 15       | 10       |          | 5        | 5        |          | 5        |     | AUG 1           |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| AUG 11                |        | 70     | 205        | 300      | 170      | 110      | 40       | 30       | 10       | 10       | 5        | 5        | 10       | 5        | 10       | 5        | 15       |          |          |          |     | AUG 11          |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| AUG 21                |        | 64     | 164        | 195      | 159      | 109      | 59       | 91       | 32       | 50       | 18       | 5        | 9        |          | 14       | 5        | 14       | 14       |          |          |     | AUG 21          |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| SEP 1                 |        | 20     | 180        | 210      | 235      | 105      | 75       | 85       | 25       | 10       | 10       | 15       | 5        | 10       | 5        |          | 5        | 5        |          |          |     | SEP 1           |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| SEP 11                |        | 11     | 95         | 153      | 168      | 163      | 74       | 47       | 53       | 32       | 74       | 26       | 21       | 26       | 11       | 5        | 5        | 26       | 5        | 5        |     | SEP 11          |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| SEP 21                |        | 22     | 86         | 140      | 145      | 183      | 172      | 59       | 48       | 43       | 16       | 16       | 22       | 5        | 16       | 16       |          | 5        | 5        |          |     | SEP 21          |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| OCT 1                 |        | 8      | 63         | 109      | 164      | 133      | 78       | 148      | 70       | 55       | 39       | 39       | 8        | 16       | 8        | 31       | 8        | 23       |          |          |     | OCT 1           |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| OCT 11                |        |        | 20         | 79       | 129      | 139      | 129      | 129      | 69       | 59       | 40       | 69       | 30       | 30       | 10       | 30       | 20       |          | 20       |          |     | OCT 11          |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| MONTH                 |        |        |            |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |     |                 | MONTH |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| MAY                   |        | 7      | 23         | 87       | 103      | 120      | 130      | 107      | 113      | 70       | 37       | 43       | 37       | 43       | 27       | 23       | 13       |          | 13       | 3        |     | MAY             |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUN                   |        | 2      | 25         | 96       | 139      | 147      | 137      | 96       | 101      | 48       | 62       | 43       | 30       | 12       | 20       | 14       | 20       |          | 4        | 2        |     | JUN             |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUL                   |        | 39     | 168        | 227      | 216      | 137      | 98       | 32       | 32       | 19       | 11       | 6        | 3        | 2        | 2        | 3        | 2        |          | 2        |          |     | JUL             |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| AUG                   |        | 63     | 185        | 268      | 173      | 110      | 47       | 48       | 23       | 24       | 10       | 3        | 6        | 6        | 11       | 3        | 6        | 11       |          |          | 2   | AUG             |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| SEP                   |        | 17     | 122        | 168      | 184      | 149      | 106      | 64       | 42       | 28       | 33       | 19       | 16       | 14       | 10       | 7        | 3        | 12       | 3        | 2        |     | SEP             |       |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |

(con.)

Table 26 (Con.)

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 101801 BONANZA GS |    |    |    |    |    |    |    |    |     | TEMPERATURE VALUES |     |     |     |     |     |     |    |    |    | 1964-1983 |        |  |  |  |  |  |  |  |  | PRD.<br>BEGINS |       |  |  |  |
|----------------|-------|-------------------|----|----|----|----|----|----|----|----|-----|--------------------|-----|-----|-----|-----|-----|-----|----|----|----|-----------|--------|--|--|--|--|--|--|--|--|----------------|-------|--|--|--|
|                |       | 0                 | 5  | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45  | 50                 | 55  | 60  | 65  | 70  | 75  | 80  | 85 | 90 | 95 | 100       |        |  |  |  |  |  |  |  |  |                |       |  |  |  |
| PRD.           | BELOW | TO                | TO | TO | TO | TO | TO | TO | TO | TO | TO  | TO                 | TO  | TO  | TO  | TO  | TO  | TO  | TO | TO | TO | AND       |        |  |  |  |  |  |  |  |  |                |       |  |  |  |
| BEGINS         | 0     | 4                 | 9  | 14 | 19 | 24 | 29 | 34 | 39 | 44 | 49  | 54                 | 59  | 64  | 69  | 74  | 79  | 84  | 89 | 94 | 99 | ABOVE     |        |  |  |  |  |  |  |  |  |                |       |  |  |  |
| JUN 11         |       |                   |    |    |    |    |    |    |    | 32 | 43  | 43                 | 140 | 237 | 247 | 194 | 54  | 11  |    |    |    |           | JUN 11 |  |  |  |  |  |  |  |  |                |       |  |  |  |
| JUN 21         |       |                   |    |    |    |    |    |    | 7  | 28 | 70  | 35                 | 92  | 77  | 148 | 246 | 162 | 120 | 14 |    |    |           | JUN 21 |  |  |  |  |  |  |  |  |                |       |  |  |  |
| JUL 1          |       |                   |    |    |    |    |    |    |    |    | 17  | 39                 | 83  | 78  | 156 | 194 | 256 | 144 | 28 | 6  |    |           | JUL 1  |  |  |  |  |  |  |  |  |                |       |  |  |  |
| JUL 11         |       |                   |    |    |    |    |    |    |    |    |     | 15                 | 20  | 41  | 127 | 259 | 239 | 244 | 56 |    |    |           | JUL 11 |  |  |  |  |  |  |  |  |                |       |  |  |  |
| JUL 21         |       |                   |    |    |    |    |    |    |    |    |     | 14                 | 14  | 41  | 55  | 129 | 300 | 364 | 74 | 9  |    |           | JUL 21 |  |  |  |  |  |  |  |  |                |       |  |  |  |
| AUG 1          |       |                   |    |    |    |    |    |    |    |    | 5   | 10                 | 20  | 30  | 110 | 150 | 250 | 335 | 85 | 5  |    |           | AUG 1  |  |  |  |  |  |  |  |  |                |       |  |  |  |
| AUG 11         |       |                   |    |    |    |    |    |    |    | 5  | 10  | 50                 | 65  | 65  | 106 | 166 | 261 | 236 | 35 |    |    |           | AUG 11 |  |  |  |  |  |  |  |  |                |       |  |  |  |
| AUG 21         |       |                   |    |    |    |    |    |    |    | 15 | 15  | 59                 | 54  | 117 | 137 | 210 | 220 | 151 | 24 |    |    |           | AUG 21 |  |  |  |  |  |  |  |  |                |       |  |  |  |
| SEP 1          |       |                   |    |    |    |    |    |    |    | 17 | 17  | 39                 | 84  | 106 | 140 | 229 | 285 | 73  | 11 |    |    |           | SEP 1  |  |  |  |  |  |  |  |  |                |       |  |  |  |
| SEP 11         |       |                   |    |    |    |    |    |    | 28 | 28 | 105 | 105                | 112 | 119 | 189 | 119 | 154 | 42  |    |    |    |           | SEP 11 |  |  |  |  |  |  |  |  |                |       |  |  |  |
| SEP 21         |       |                   |    |    |    |    |    |    | 67 | 76 | 59  | 84                 | 126 | 134 | 143 | 210 | 92  | 8   |    |    |    |           | SEP 21 |  |  |  |  |  |  |  |  |                |       |  |  |  |
| MONTH          |       |                   |    |    |    |    |    |    |    |    |     | HUMIDITY VALUES    |     |     |     |     |     |     |    |    |    | 1964-1983 |        |  |  |  |  |  |  |  |  |                | MONTH |  |  |  |
| JUL            |       |                   |    |    |    |    |    |    |    |    | 5   | 22                 | 37  | 52  | 109 | 192 | 266 | 258 | 54 | 5  |    |           | JUL    |  |  |  |  |  |  |  |  |                |       |  |  |  |
| AUG            |       |                   |    |    |    |    |    |    |    | 7  | 10  | 40                 | 46  | 71  | 118 | 175 | 243 | 240 | 48 | 2  |    |           | AUG    |  |  |  |  |  |  |  |  |                |       |  |  |  |
| SEP            |       |                   |    |    |    |    |    |    | 27 | 36 | 57  | 73                 | 104 | 118 | 156 | 188 | 190 | 45  | 5  |    |    |           | SEP    |  |  |  |  |  |  |  |  |                |       |  |  |  |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |         | 101801  |          |          |          |          |          |          |          |          |          | BONANZA GS |          |          |          |          |          |          |          |          |    | HUMIDITY VALUES |                |  |  |  |  |  |  |  |  | 1964-1983 |  |  |  |  |  |  |  |  |  |  |
|----------------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----|-----------------|----------------|--|--|--|--|--|--|--|--|-----------|--|--|--|--|--|--|--|--|--|--|
| PRD.<br>BEGINS | TO<br>4 | 0       | 5        | 10       | 15       | 20       | 25       | 30       | 35       | 40       | 45       | 50         | 55       | 60       | 65       | 70       | 75       | 80       | 85       | 90       | 95 | 100             | PRD.<br>BEGINS |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
|                |         | TO<br>9 | TO<br>14 | TO<br>19 | TO<br>24 | TO<br>29 | TO<br>34 | TO<br>39 | TO<br>44 | TO<br>49 | TO<br>54 | TO<br>59   | TO<br>64 | TO<br>69 | TO<br>74 | TO<br>79 | TO<br>84 | TO<br>89 | TO<br>94 | TO<br>99 |    |                 |                |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUN 11         |         |         |          | 11       | 32       | 54       | 194      | 118      | 172      | 75       | 75       | 54         | 65       | 43       | 22       | 54       |          |          | 22       | 11       |    |                 | JUN 11         |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUN 21         |         |         |          | 56       | 120      | 113      | 113      | 134      | 92       | 77       | 92       | 49         | 14       | 21       | 21       |          | 35       | 21       | 28       | 14       |    |                 | JUN 21         |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUL 1          |         | 6       | 100      | 183      | 200      | 133      | 100      | 61       | 17       | 28       | 17       | 22         | 33       | 28       | 28       | 6        | 17       | 6        | 6        |          | 11 |                 | JUL 1          |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUL 11         |         |         | 96       | 213      | 173      | 127      | 91       | 102      | 36       | 61       | 25       | 25         | 20       | 5        | 10       |          | 15       |          |          |          |    |                 | JUL 11         |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| JUL 21         |         | 14      | 147      | 263      | 166      | 115      | 97       | 78       | 37       | 18       | 5        | 9          | 9        | 5        | 5        | 18       | 5        | 5        |          |          | 5  |                 | JUL 21         |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| AUG 1          |         | 30      | 135      | 235      | 235      | 115      | 65       | 50       | 25       | 15       | 20       | 5          | 20       | 10       | 20       | 5        | 5        |          | 5        |          | 5  |                 | AUG 1          |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| AUG 11         |         | 10      | 131      | 191      | 181      | 131      | 80       | 45       | 65       | 20       | 15       | 30         | 20       | 10       | 35       | 10       | 10       | 5        | 5        | 5        |    |                 | AUG 11         |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| AUG 21         |         | 5       | 122      | 171      | 185      | 156      | 102      | 54       | 68       | 24       | 24       | 15         | 5        | 15       | 15       | 15       | 10       | 10       | 5        |          |    |                 | AUG 21         |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| SEP 1          |         | 17      | 101      | 201      | 229      | 134      | 84       | 78       | 39       | 17       | 11       | 17         | 22       | 11       | 6        | 22       |          | 11       |          |          |    |                 | SEP 1          |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| SEP 11         |         | 7       | 168      | 154      | 77       | 105      | 119      | 49       | 35       | 56       | 49       | 35         | 35       | 28       | 49       | 7        | 14       |          |          | 7        |    |                 | SEP 11         |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| SEP 21         |         | 8       | 42       | 176      | 160      | 126      | 84       | 76       | 84       | 25       | 42       | 25         | 42       | 17       | 17       | 17       | 17       | 17       | 17       | 17       |    | 8               | SEP 21         |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| MONTH          |         |         |          |          |          |          |          |          |          |          |          |            |          |          |          |          |          |          |          |          |    |                 |                |  |  |  |  |  |  |  |  | MONTH     |  |  |  |  |  |  |  |  |  |  |
| JUL            |         | 7       | 116      | 222      | 178      | 125      | 96       | 81       | 30       | 35       | 15       | 19         | 20       | 12       | 13       | 8        | 12       | 3        | 2        |          | 5  |                 | JUL            |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| AUG            |         | 15      | 129      | 199      | 200      | 134      | 83       | 50       | 53       | 20       | 20       | 17         | 15       | 12       | 23       | 10       | 8        | 5        | 5        |          | 2  | 2               | AUG            |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |
| SEP            |         | 11      | 107      | 179      | 161      | 122      | 95       | 68       | 50       | 32       | 32       | 25         | 32       | 18       | 23       | 16       | 9        | 9        | 7        |          | 5  |                 | SEP            |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |

(con.)

Table 26 (Con.)

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | CASCADE RS         |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     | 1964-1983 |    |       |        |    |  |  |  |  |  |       |  |
|----------------|-------|--------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|----|-------|--------|----|--|--|--|--|--|-------|--|
|                |       | TEMPERATURE VALUES |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |           |    |       |        |    |  |  |  |  |  |       |  |
|                |       | 0                  | 5  | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45  | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90        | 95 | 100   |        |    |  |  |  |  |  |       |  |
| PRD.           | BELOW | TO                 | TO | TO | TO | TO | TO | TO | TO | TO | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO        | TO | AND   | PRD.   |    |  |  |  |  |  |       |  |
| BEGINS         | 0     | 4                  | 9  | 14 | 19 | 24 | 29 | 34 | 39 | 44 | 49  | 54  | 59  | 64  | 69  | 74  | 79  | 84  | 89  | 94        | 99 | ABOVE | BEGINS |    |  |  |  |  |  |       |  |
| MAY            | 1     |                    |    |    |    |    |    |    | 33 | 74 | 174 | 207 | 116 | 165 | 116 | 74  | 17  | 25  |     |           |    |       | MAY    | 1  |  |  |  |  |  |       |  |
| MAY            | 11    |                    |    |    |    |    |    |    | 31 | 47 | 102 | 189 | 205 | 110 | 134 | 118 | 55  | 8   |     |           |    |       | MAY    | 11 |  |  |  |  |  |       |  |
| MAY            | 21    |                    |    |    |    |    |    |    | 14 | 29 | 29  | 121 | 179 | 171 | 164 | 157 | 86  | 50  |     |           |    |       | MAY    | 21 |  |  |  |  |  |       |  |
| JUN            | 1     |                    |    |    |    |    |    |    |    | 7  | 61  | 122 | 95  | 196 | 182 | 149 | 142 | 47  |     |           |    |       | JUN    | 1  |  |  |  |  |  |       |  |
| JUN            | 11    |                    |    |    |    |    |    |    |    | 12 | 61  | 55  | 147 | 147 | 172 | 196 | 153 | 49  | 6   |           |    |       | JUN    | 11 |  |  |  |  |  |       |  |
| JUN            | 21    |                    |    |    |    |    |    |    |    | 6  | 24  | 72  | 30  | 138 | 174 | 150 | 222 | 90  | 96  |           |    |       | JUN    | 21 |  |  |  |  |  |       |  |
| JUL            | 1     |                    |    |    |    |    |    |    |    |    |     | 16  | 27  | 93  | 77  | 192 | 198 | 247 | 137 | 5         | 5  |       | JUL    | 1  |  |  |  |  |  |       |  |
| JUL            | 11    |                    |    |    |    |    |    |    |    |    |     | 5   | 10  | 31  | 82  | 184 | 219 | 265 | 179 | 26        |    |       | JUL    | 11 |  |  |  |  |  |       |  |
| JUL            | 21    |                    |    |    |    |    |    |    |    |    |     |     |     | 28  | 28  | 61  | 196 | 402 | 252 | 33        |    |       | JUL    | 21 |  |  |  |  |  |       |  |
| AUG            | 1     |                    |    |    |    |    |    |    |    |    |     |     | 11  | 17  | 55  | 116 | 193 | 359 | 210 | 39        |    |       | AUG    | 1  |  |  |  |  |  |       |  |
| AUG            | 11    |                    |    |    |    |    |    |    |    |    | 5   | 48  | 32  | 53  | 70  | 150 | 219 | 214 | 182 | 27        |    |       | AUG    | 11 |  |  |  |  |  |       |  |
| AUG            | 21    |                    |    |    |    |    |    |    |    |    | 5   | 24  | 72  | 115 | 129 | 163 | 196 | 196 | 67  | 33        |    |       | AUG    | 21 |  |  |  |  |  |       |  |
| SEP            | 1     |                    |    |    |    |    |    |    |    |    |     | 21  | 11  | 90  | 122 | 96  | 213 | 239 | 165 | 43        |    |       | SEP    | 1  |  |  |  |  |  |       |  |
| SEP            | 11    |                    |    |    |    |    |    |    | 5  | 11 | 66  | 115 | 143 | 143 | 143 | 192 | 137 | 33  | 11  |           |    |       | SEP    | 11 |  |  |  |  |  |       |  |
| SEP            | 21    |                    |    |    |    |    |    |    |    | 18 | 91  | 67  | 152 | 212 | 188 | 170 | 55  | 42  | 6   |           |    |       | SEP    | 21 |  |  |  |  |  |       |  |
| OCT            | 1     |                    |    |    |    |    |    |    |    | 6  | 57  | 108 | 121 | 146 | 223 | 191 | 127 | 19  |     |           |    |       | OCT    | 1  |  |  |  |  |  |       |  |
| OCT            | 11    |                    |    |    |    |    |    |    |    | 41 | 117 | 145 | 234 | 179 | 200 | 69  | 14  |     |     |           |    |       | OCT    | 11 |  |  |  |  |  |       |  |
| OCT            | 21    |                    |    |    |    |    |    |    | 39 | 94 | 180 | 188 | 227 | 219 | 39  | 16  |     |     |     |           |    |       | OCT    | 21 |  |  |  |  |  |       |  |
| MONTH          |       |                    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |           |    |       |        |    |  |  |  |  |  | MONTH |  |
| MAY            |       |                    |    |    |    |    |    |    | 26 | 49 | 98  | 170 | 168 | 149 | 139 | 119 | 54  | 28  |     |           |    |       | MAY    |    |  |  |  |  |  |       |  |
| JUN            |       |                    |    |    |    |    |    |    |    | 8  | 48  | 82  | 90  | 159 | 176 | 165 | 174 | 63  | 36  |           |    |       | JUN    |    |  |  |  |  |  |       |  |
| JUL            |       |                    |    |    |    |    |    |    |    |    |     | 7   | 12  | 49  | 61  | 142 | 204 | 309 | 193 |           | 2  |       | JUL    |    |  |  |  |  |  |       |  |
| AUG            |       |                    |    |    |    |    |    |    |    |    |     | 3   | 24  | 40  | 64  | 87  | 144 | 203 | 253 | 149       | 33 |       | AUG    |    |  |  |  |  |  |       |  |
| SEP            |       |                    |    |    |    |    |    |    | 2  | 9  | 58  | 64  | 127 | 157 | 140 | 193 | 148 | 82  | 21  |           |    |       | SEP    |    |  |  |  |  |  |       |  |
| OCT            |       |                    |    |    |    |    |    |    | 12 | 44 | 114 | 144 | 191 | 179 | 160 | 98  | 51  | 7   |     |           |    |       | OCT    |    |  |  |  |  |  |       |  |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |    | 101204          |    | CASCADE RS |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    | 1964-1983 |        |       |  |  |  |  |  |  |  |  |  |
|----------------|----|-----------------|----|------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|-----------|--------|-------|--|--|--|--|--|--|--|--|--|
|                |    | HUMIDITY VALUES |    |            |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |           |        |       |  |  |  |  |  |  |  |  |  |
| PRD.           |    | 0               | 5  | 10         | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100       | PRD.   |       |  |  |  |  |  |  |  |  |  |
| BEGINS         |    | TO              | TO | TO         | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO | TO | TO | TO | TO | TO | TO | TO | TO |           | BEGINS |       |  |  |  |  |  |  |  |  |  |
|                |    | 4               | 9  | 14         | 19  | 24  | 29  | 34  | 39  | 44  | 49  | 54  | 59 | 64 | 69 | 74 | 79 | 84 | 89 | 94 | 99 |           |        |       |  |  |  |  |  |  |  |  |  |
| MAY            | 1  |                 |    | 17         | 91  | 74  | 66  | 149 | 124 | 74  | 83  | 116 | 74 | 25 | 25 | 17 | 41 | 8  | 17 |    |    |           | MAY    | 1     |  |  |  |  |  |  |  |  |  |
| MAY            | 11 |                 | 8  | 16         | 39  | 126 | 102 | 102 | 126 | 102 | 94  | 47  | 55 | 31 | 31 | 47 | 24 | 8  | 16 | 24 |    |           | MAY    | 11    |  |  |  |  |  |  |  |  |  |
| MAY            | 21 |                 |    |            | 43  | 179 | 121 | 107 | 129 | 93  | 93  | 21  | 21 | 64 | 29 | 43 | 7  | 7  | 14 | 21 |    | 7         | MAY    | 21    |  |  |  |  |  |  |  |  |  |
| JUN            | 1  |                 |    | 20         | 41  | 74  | 142 | 155 | 101 | 68  | 88  | 68  | 7  | 54 | 61 | 7  | 61 | 14 | 20 | 20 |    |           | JUN    | 1     |  |  |  |  |  |  |  |  |  |
| JUN            | 11 |                 | 6  | 6          | 43  | 110 | 86  | 129 | 123 | 98  | 86  | 67  | 31 | 49 | 37 | 25 | 31 | 37 | 37 |    |    |           | JUN    | 11    |  |  |  |  |  |  |  |  |  |
| JUN            | 21 |                 | 6  | 30         | 54  | 132 | 192 | 120 | 84  | 102 | 84  | 24  | 30 | 36 | 6  | 36 | 12 | 12 | 30 | 12 |    |           | JUN    | 21    |  |  |  |  |  |  |  |  |  |
| JUL            | 1  |                 | 5  | 38         | 121 | 159 | 220 | 148 | 93  | 33  | 55  | 38  | 49 | 11 | 5  | 5  | 5  | 5  | 11 |    |    |           | JUL    | 1     |  |  |  |  |  |  |  |  |  |
| JUL            | 11 |                 |    | 41         | 112 | 219 | 199 | 168 | 112 | 36  | 61  | 5   | 5  | 20 | 10 |    | 5  | 5  |    |    |    |           | JUL    | 11    |  |  |  |  |  |  |  |  |  |
| JUL            | 21 |                 | 5  | 75         | 206 | 238 | 210 | 98  | 65  | 28  | 28  | 28  | 5  | 5  | 5  |    | 5  | 5  |    |    |    |           | JUL    | 21    |  |  |  |  |  |  |  |  |  |
| AUG            | 1  |                 |    | 99         | 227 | 199 | 221 | 110 | 39  | 33  | 17  | 11  | 11 | 6  | 6  |    | 6  | 6  | 11 |    |    |           | AUG    | 1     |  |  |  |  |  |  |  |  |  |
| AUG            | 11 |                 | 5  | 70         | 230 | 176 | 112 | 128 | 70  | 43  | 32  | 27  | 16 | 11 | 11 | 16 | 11 | 21 | 11 | 5  | 5  |           | AUG    | 11    |  |  |  |  |  |  |  |  |  |
| AUG            | 21 |                 | 5  | 77         | 124 | 187 | 129 | 120 | 77  | 77  | 48  | 48  | 19 | 5  | 5  | 10 | 10 | 10 | 5  |    |    |           | AUG    | 21    |  |  |  |  |  |  |  |  |  |
| SEP            | 1  |                 | 11 | 37         | 133 | 186 | 181 | 186 | 85  | 53  | 27  | 16  | 16 | 21 |    | 5  | 5  | 11 | 21 | 5  |    |           | SEP    | 1     |  |  |  |  |  |  |  |  |  |
| SEP            | 11 |                 | 5  | 33         | 88  | 126 | 132 | 82  | 110 | 88  | 71  | 66  | 66 | 27 | 33 | 16 | 5  | 11 | 11 | 27 |    |           | SEP    | 11    |  |  |  |  |  |  |  |  |  |
| SEP            | 21 |                 | 6  | 12         | 48  | 91  | 176 | 133 | 145 | 79  | 103 | 48  | 36 | 24 | 18 | 18 | 18 | 18 | 6  |    |    |           | SEP    | 21    |  |  |  |  |  |  |  |  |  |
| OCT            | 1  |                 | 6  | 13         | 51  | 89  | 134 | 172 | 166 | 96  | 32  | 70  | 51 | 25 | 19 | 25 |    | 6  | 38 | 6  |    |           | OCT    | 1     |  |  |  |  |  |  |  |  |  |
| OCT            | 11 |                 |    |            | 14  | 41  | 69  | 138 | 152 | 97  | 138 | 97  | 48 | 69 | 14 | 34 | 41 | 28 |    | 14 |    | 7         | OCT    | 11    |  |  |  |  |  |  |  |  |  |
| OCT            | 21 |                 | 8  |            | 31  | 39  | 63  | 39  | 78  | 156 | 164 | 55  | 78 | 70 | 94 | 31 | 31 | 16 | 31 |    | 16 |           | OCT    | 21    |  |  |  |  |  |  |  |  |  |
| MONTH          |    |                 |    |            |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |           |        | MONTH |  |  |  |  |  |  |  |  |  |
| MAY            |    |                 | 3  | 10         | 57  | 129 | 98  | 119 | 126 | 90  | 90  | 59  | 49 | 41 | 28 | 36 | 23 | 8  | 15 | 15 |    | 3         | MAY    |       |  |  |  |  |  |  |  |  |  |
| JUN            |    |                 | 4  | 19         | 46  | 107 | 140 | 134 | 103 | 90  | 86  | 52  | 23 | 46 | 33 | 23 | 33 | 21 | 29 | 10 |    |           | JUN    |       |  |  |  |  |  |  |  |  |  |
| JUL            |    |                 | 3  | 52         | 149 | 208 | 209 | 137 | 90  | 32  | 47  | 24  | 17 | 12 | 7  | 2  | 3  | 5  | 3  |    |    |           | JUL    |       |  |  |  |  |  |  |  |  |  |
| AUG            |    |                 | 3  | 81         | 191 | 187 | 153 | 120 | 62  | 52  | 33  | 29  | 26 | 12 | 7  | 7  | 9  | 5  | 14 | 5  | 2  | 2         | AUG    |       |  |  |  |  |  |  |  |  |  |
| SEP            |    |                 | 7  | 28         | 92  | 136 | 163 | 135 | 112 | 73  | 65  | 43  | 39 | 24 | 17 | 13 | 9  | 13 | 17 | 13 |    |           | SEP    |       |  |  |  |  |  |  |  |  |  |
| OCT            |    |                 | 5  | 5          | 23  | 56  | 84  | 128 | 123 | 91  | 105 | 107 | 51 | 56 | 33 | 49 | 23 | 21 | 19 | 16 |    | 7         | OCT    |       |  |  |  |  |  |  |  |  |  |

Table 26 (Con.)

DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 101803  |         | CHALLIS RS |          | TEMPERATURE VALUES |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              |  |        |  |  |  | 1964-1983 |  |  |  |  |
|----------------|-------|---------|---------|------------|----------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--|--------|--|--|--|-----------|--|--|--|--|
| PRD.           | BELOW | 0       | 5       | 10         | 15       | 20                 | 25       | 30       | 35       | 40       | 45       | 50       | 55       | 60       | 65       | 70       | 75       | 80       | 85       | 90       | 95       | 100          |  | PRD.   |  |  |  |           |  |  |  |  |
| BEGINS         | 0     | TO<br>4 | TO<br>9 | TO<br>14   | TO<br>19 | TO<br>24           | TO<br>29 | TO<br>34 | TO<br>39 | TO<br>44 | TO<br>49 | TO<br>54 | TO<br>59 | TO<br>64 | TO<br>69 | TO<br>74 | TO<br>79 | TO<br>84 | TO<br>89 | TO<br>94 | TO<br>99 | AND<br>ABOVE |  | BEGINS |  |  |  |           |  |  |  |  |
| MAY 1          |       |         |         |            |          |                    |          |          | 13       | 93       | 120      | 93       | 80       | 187      | 107      | 107      | 107      | 53       | 40       |          |          |              |  | MAY 1  |  |  |  |           |  |  |  |  |
| MAY 11         |       |         |         |            |          |                    |          |          |          | 23       | 57       | 57       | 148      | 148      | 159      | 216      | 136      | 57       |          |          |          |              |  | MAY 11 |  |  |  |           |  |  |  |  |
| MAY 21         |       |         |         |            |          |                    |          |          |          | 8        | 34       | 110      | 136      | 161      | 161      | 153      | 161      | 59       | 17       |          |          |              |  | MAY 21 |  |  |  |           |  |  |  |  |
| JUN 1          |       |         |         |            |          |                    |          |          |          | 6        | 12       | 43       | 149      | 155      | 149      | 161      | 168      | 118      | 31       | 6        |          |              |  | JUN 1  |  |  |  |           |  |  |  |  |
| JUN 11         |       |         |         |            |          |                    |          |          |          |          | 12       | 36       | 90       | 157      | 151      | 211      | 217      | 102      | 24       |          |          |              |  | JUN 11 |  |  |  |           |  |  |  |  |
| JUN 21         |       |         |         |            |          |                    |          |          |          |          | 17       | 34       | 67       | 84       | 124      | 124      | 169      | 169      | 152      | 62       |          |              |  | JUN 21 |  |  |  |           |  |  |  |  |
| JUL 1          |       |         |         |            |          |                    |          |          |          |          |          | 5        | 42       | 37       | 63       | 164      | 122      | 307      | 196      | 58       | 5        |              |  | JUL 1  |  |  |  |           |  |  |  |  |
| JUL 11         |       |         |         |            |          |                    |          |          |          |          |          |          | 10       | 25       | 15       | 86       | 188      | 289      | 259      | 122      | 5        |              |  | JUL 11 |  |  |  |           |  |  |  |  |
| JUL 21         |       |         |         |            |          |                    |          |          |          |          |          |          |          | 5        | 9        | 28       | 37       | 156      | 271      | 339      | 151      | 5            |  | JUL 21 |  |  |  |           |  |  |  |  |
| AUG 1          |       |         |         |            |          |                    |          |          |          |          |          |          | 5        | 5        | 10       | 55       | 65       | 131      | 286      | 337      | 106      |              |  | AUG 1  |  |  |  |           |  |  |  |  |
| AUG 11         |       |         |         |            |          |                    |          |          |          |          |          | 20       | 40       | 55       | 65       | 90       | 175      | 225      | 240      | 90       |          |              |  | AUG 11 |  |  |  |           |  |  |  |  |
| AUG 21         |       |         |         |            |          |                    |          |          |          |          |          | 18       | 27       | 78       | 105      | 160      | 192      | 224      | 146      | 41       | 9        |              |  | AUG 21 |  |  |  |           |  |  |  |  |
| SEP 1          |       |         |         |            |          |                    |          |          |          |          |          | 15       | 40       | 95       | 151      | 176      | 231      | 196      | 90       | 5        |          |              |  | SEP 1  |  |  |  |           |  |  |  |  |
| SEP 11         |       |         |         |            |          |                    |          |          | 5        | 25       | 41       | 107      | 132      | 122      | 142      | 168      | 193      | 61       | 5        |          |          |              |  | SEP 11 |  |  |  |           |  |  |  |  |
| SEP 21         |       |         |         |            |          |                    |          |          | 5        | 26       | 47       | 52       | 145      | 150      | 155      | 249      | 114      | 52       | 5        |          |          |              |  | SEP 21 |  |  |  |           |  |  |  |  |
| OCT 1          |       |         |         |            |          |                    |          |          |          | 13       | 109      | 128      | 71       | 186      | 186      | 179      | 109      | 19       |          |          |          |              |  | OCT 1  |  |  |  |           |  |  |  |  |
| OCT 11         |       |         |         |            |          |                    |          |          |          | 70       | 85       | 186      | 233      | 171      | 93       |          |          |          |          |          |          |              |  | OCT 11 |  |  |  |           |  |  |  |  |
| OCT 21         |       |         |         |            |          | 24                 | 12       | 24       | 24       | 96       | 157      | 241      | 145      | 217      | 60       |          |          |          |          |          |          |              |  | OCT 21 |  |  |  |           |  |  |  |  |
| MONTH          |       |         |         |            |          |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              |  |        |  |  |  |           |  |  |  |  |
| MAY            |       |         |         |            |          |                    |          |          | 4        | 36       | 64       | 89       | 125      | 164      | 146      | 160      | 139      | 57       | 18       |          |          |              |  | MAY    |  |  |  |           |  |  |  |  |
| JUN            |       |         |         |            |          |                    |          |          |          | 2        | 14       | 38       | 101      | 131      | 141      | 164      | 184      | 131      | 71       | 24       |          |              |  | JUN    |  |  |  |           |  |  |  |  |
| JUL            |       |         |         |            |          |                    |          |          |          |          |          | 2        | 18       | 23       | 35       | 93       | 156      | 288      | 268      | 113      | 5        |              |  | JUL    |  |  |  |           |  |  |  |  |
| AUG            |       |         |         |            |          |                    |          |          |          |          |          | 15       | 24       | 49       | 76       | 107      | 167      | 244      | 238      | 78       | 3        |              |  | AUG    |  |  |  |           |  |  |  |  |
| SEP            |       |         |         |            |          |                    |          |          | 3        | 17       | 29       | 58       | 105      | 122      | 149      | 197      | 180      | 104      | 34       | 2        |          |              |  | SEP    |  |  |  |           |  |  |  |  |
| OCT            |       |         |         |            |          | 5                  | 3        | 5        | 11       | 52       | 111      | 174      | 144      | 188      | 125      | 114      | 60       | 8        |          |          |          |              |  | OCT    |  |  |  |           |  |  |  |  |

RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 101803 |              | CHALLIS RS   |                | HUMIDITY VALUES |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |     |                |        |       |  | 1964-1983 |  |  |
|-----------------------|--------------|--------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|----------------|--------|-------|--|-----------|--|--|
| PRD.<br>BEGINS        | 0<br>TO<br>4 | 5<br>TO<br>9 | 10<br>TO<br>14 | 15<br>TO<br>19  | 20<br>TO<br>24 | 25<br>TO<br>29 | 30<br>TO<br>34 | 35<br>TO<br>39 | 40<br>TO<br>44 | 45<br>TO<br>49 | 50<br>TO<br>54 | 55<br>TO<br>59 | 60<br>TO<br>64 | 65<br>TO<br>69 | 70<br>TO<br>74 | 75<br>TO<br>79 | 80<br>TO<br>84 | 85<br>TO<br>89 | 90<br>TO<br>94 | 95<br>TO<br>99 | 100 | PRD.<br>BEGINS |        |       |  |           |  |  |
| MAY 1                 |              | 27           | 120            | 213             | 200            | 120            | 67             | 40             | 27             | 13             | 67             | 27             | 27             | 13             | 40             |                |                |                |                |                |     |                | MAY 1  |       |  |           |  |  |
| MAY 11                |              | 23           | 102            | 341             | 102            | 159            | 114            | 57             | 45             | 11             | 11             | 23             | 11             |                |                |                |                |                |                |                |     |                | MAY 11 |       |  |           |  |  |
| MAY 21                |              |              | 76             | 237             | 153            | 144            | 76             | 59             | 76             | 17             | 25             | 51             |                | 25             | 17             |                | 17             | 17             | 8              |                |     |                | MAY 21 |       |  |           |  |  |
| JUN 1                 |              | 19           | 68             | 230             | 124            | 149            | 106            | 68             | 25             | 68             | 43             | 19             | 12             | 25             | 19             |                | 6              | 19             |                |                |     |                | JUN 1  |       |  |           |  |  |
| JUN 11                |              | 6            | 78             | 114             | 229            | 199            | 133            | 60             | 42             | 30             | 12             | 18             | 24             | 24             |                |                | 12             |                | 6              | 12             |     |                | JUN 11 |       |  |           |  |  |
| JUN 21                |              | 39           | 191            | 180             | 157            | 101            | 79             | 45             | 39             | 22             | 39             | 34             | 22             | 17             | 6              | 6              | 11             | 6              | 6              |                |     |                | JUN 21 |       |  |           |  |  |
| JUL 1                 |              | 69           | 180            | 175             | 164            | 164            | 53             | 53             | 48             | 26             | 37             |                | 5              |                | 11             | 11             |                |                | 5              |                |     |                | JUL 1  |       |  |           |  |  |
| JUL 11                |              | 76           | 234            | 264             | 107            | 117            | 51             | 20             | 30             | 30             | 41             | 10             | 10             |                |                |                |                |                |                | 5              |     |                | JUL 11 |       |  |           |  |  |
| JUL 21                |              | 46           | 275            | 239             | 183            | 73             | 46             | 64             | 28             | 14             | 14             |                | 9              |                |                |                | 5              |                |                |                |     |                | JUL 21 |       |  |           |  |  |
| AUG 1                 |              | 106          | 221            | 261             | 111            | 70             | 70             | 40             | 45             | 20             | 10             | 15             |                | 10             | 5              |                | 10             | 5              |                |                |     |                | AUG 1  |       |  |           |  |  |
| AUG 11                |              | 55           | 205            | 220             | 105            | 120            | 60             | 55             | 45             | 25             | 35             | 25             | 20             | 5              | 5              | 10             |                | 10             |                |                |     |                | AUG 11 |       |  |           |  |  |
| AUG 21                |              | 37           | 174            | 237             | 169            | 132            | 78             | 50             | 46             | 27             | 14             | 18             |                | 5              | 9              | 5              |                |                |                |                |     |                | AUG 21 |       |  |           |  |  |
| SEP 1                 |              | 30           | 171            | 307             | 176            | 126            | 50             | 25             | 60             | 15             | 15             |                | 10             | 10             |                | 5              |                |                |                |                |     |                | SEP 1  |       |  |           |  |  |
| SEP 11                |              | 10           | 112            | 173             | 188            | 117            | 86             | 96             | 71             | 36             | 25             | 15             | 15             | 30             | 10             | 5              | 5              | 5              |                |                |     |                | SEP 11 |       |  |           |  |  |
| SEP 21                |              |              | 67             | 181             | 228            | 181            | 119            | 57             | 21             | 52             | 26             | 21             | 26             |                | 16             |                | 5              |                |                |                |     |                | SEP 21 |       |  |           |  |  |
| OCT 1                 |              | 26           | 115            | 250             | 186            | 154            | 64             | 96             | 26             | 13             | 26             | 13             | 13             |                |                |                |                |                | 6              |                |     |                | OCT 1  |       |  |           |  |  |
| OCT 11                |              | 16           | 70             | 116             | 202            | 171            | 147            | 101            | 93             | 16             | 16             | 16             | 8              | 23             |                |                | 8              |                |                |                |     |                | OCT 11 |       |  |           |  |  |
| OCT 21                |              | 12           |                | 120             | 145            | 193            | 169            | 72             | 84             | 72             | 24             | 24             | 24             | 12             | 12             | 12             | 12             | 12             |                |                |     |                | OCT 21 |       |  |           |  |  |
| MONTH                 |              |              |                |                 |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |     |                |        | MONTH |  |           |  |  |
| MAY                   |              | 14           | 96             | 263             | 149            | 142            | 85             | 53             | 53             | 14             | 32             | 36             | 11             | 14             | 18             |                | 7              | 7              | 4              |                |     |                | MAY    |       |  |           |  |  |
| JUN                   |              | 22           | 115            | 174             | 170            | 149            | 105            | 57             | 36             | 40             | 32             | 24             | 20             | 22             | 8              | 8              | 4              | 10             | 6              |                |     |                | JUN    |       |  |           |  |  |
| JUL                   |              | 63           | 232            | 227             | 152            | 116            | 50             | 46             | 35             | 23             | 30             | 3              | 8              | 3              | 3              | 5              |                | 2              | 2              |                |     |                | JUL    |       |  |           |  |  |
| AUG                   |              | 65           | 199            | 239             | 129            | 108            | 70             | 49             | 45             | 24             | 19             | 19             | 8              | 8              | 5              | 3              | 3              | 5              |                |                |     |                | AUG    |       |  |           |  |  |
| SEP                   |              | 14           | 117            | 221             | 197            | 141            | 85             | 59             | 51             | 34             | 22             | 12             | 17             | 14             | 8              | 3              | 3              | 2              |                |                |     |                | SEP    |       |  |           |  |  |
| OCT                   |              | 19           | 73             | 174             | 182            | 168            | 117            | 92             | 63             | 27             | 22             | 16             | 14             | 16             | 3              | 3              | 5              | 5              |                |                |     |                | OCT    |       |  |           |  |  |

(con.)

Table 26 (Con.)

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 101303 |    |    |    |    |    |    |    |    |     | INDIANOLA RS |     |     |     |     |     |     |     |     |     | TEMPERATURE VALUES |  |  |  |  |  |       |  |  |  | 1964-1983 |        |  |  |  |  |  |  |  |  | PRD.<br>BEGINS |
|----------------|-------|--------|----|----|----|----|----|----|----|----|-----|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|--|--|--|--|--|-------|--|--|--|-----------|--------|--|--|--|--|--|--|--|--|----------------|
|                |       | 0      | 5  | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45  | 50           | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 95  | 100                |  |  |  |  |  |       |  |  |  |           |        |  |  |  |  |  |  |  |  |                |
| PRD.           | BELOW | TO     | TO | TO | TO | TO | TO | TO | TO | TO | TO  | TO           | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO  | AND |                    |  |  |  |  |  |       |  |  |  |           |        |  |  |  |  |  |  |  |  |                |
| BEGINS         | 0     | 4      | 9  | 14 | 19 | 24 | 29 | 34 | 39 | 44 | 49  | 54           | 59  | 64  | 69  | 74  | 79  | 84  | 89  | 94  | 99  | ABOVE              |  |  |  |  |  |       |  |  |  |           |        |  |  |  |  |  |  |  |  |                |
| MAY 1          |       |        |    |    |    |    |    |    | 6  | 47 | 88  | 112          | 165 | 224 | 124 | 147 | 82  | 6   |     |     |     |                    |  |  |  |  |  |       |  |  |  |           | MAY 1  |  |  |  |  |  |  |  |  |                |
| MAY 11         |       |        |    |    |    |    |    |    |    | 17 | 78  | 94           | 117 | 128 | 167 | 161 | 128 | 72  | 33  | 6   |     |                    |  |  |  |  |  |       |  |  |  |           | MAY 11 |  |  |  |  |  |  |  |  |                |
| MAY 21         |       |        |    |    |    |    |    |    |    | 21 | 21  | 94           | 126 | 178 | 105 | 188 | 152 | 99  | 16  |     |     |                    |  |  |  |  |  |       |  |  |  |           | MAY 21 |  |  |  |  |  |  |  |  |                |
| JUN 1          |       |        |    |    |    |    |    |    |    |    | 5   | 42           | 111 | 95  | 63  | 179 | 200 | 205 | 89  | 11  |     |                    |  |  |  |  |  |       |  |  |  |           | JUN 1  |  |  |  |  |  |  |  |  |                |
| JUN 11         |       |        |    |    |    |    |    |    |    |    | 5   | 47           | 74  | 100 | 179 | 147 | 153 | 179 | 58  | 42  | 16  |                    |  |  |  |  |  |       |  |  |  |           | JUN 11 |  |  |  |  |  |  |  |  |                |
| JUN 21         |       |        |    |    |    |    |    |    |    |    | 5   | 15           | 51  | 61  | 111 | 106 | 146 | 202 | 182 | 101 | 20  |                    |  |  |  |  |  |       |  |  |  |           | JUN 21 |  |  |  |  |  |  |  |  |                |
| JUL 1          |       |        |    |    |    |    |    |    |    |    | 16  | 31           | 42  | 42  | 57  | 172 | 151 | 245 | 198 | 47  |     |                    |  |  |  |  |  |       |  |  |  |           | JUL 1  |  |  |  |  |  |  |  |  |                |
| JUL 11         |       |        |    |    |    |    |    |    |    |    |     | 5            | 5   | 25  | 15  | 46  | 102 | 208 | 239 | 249 | 96  | 10                 |  |  |  |  |  |       |  |  |  |           | JUL 11 |  |  |  |  |  |  |  |  |                |
| JUL 21         |       |        |    |    |    |    |    |    |    |    |     |              |     | 5   | 9   | 37  | 41  | 146 | 279 | 356 | 123 | 5                  |  |  |  |  |  |       |  |  |  |           | JUL 21 |  |  |  |  |  |  |  |  |                |
| AUG 1          |       |        |    |    |    |    |    |    |    |    |     |              |     | 10  | 20  | 31  | 71  | 189 | 276 | 286 | 112 | 5                  |  |  |  |  |  |       |  |  |  |           | AUG 1  |  |  |  |  |  |  |  |  |                |
| AUG 11         |       |        |    |    |    |    |    |    |    |    | 5   |              | 25  | 60  | 45  | 50  | 105 | 160 | 245 | 185 | 120 |                    |  |  |  |  |  |       |  |  |  |           | AUG 11 |  |  |  |  |  |  |  |  |                |
| AUG 21         |       |        |    |    |    |    |    |    |    |    | 5   | 5            | 18  | 83  | 78  | 115 | 138 | 197 | 206 | 124 | 32  |                    |  |  |  |  |  |       |  |  |  |           | AUG 21 |  |  |  |  |  |  |  |  |                |
| SEP 1          |       |        |    |    |    |    |    |    |    |    |     | 10           | 50  | 70  | 75  | 156 | 141 | 296 | 156 | 40  | 5   |                    |  |  |  |  |  |       |  |  |  |           | SEP 1  |  |  |  |  |  |  |  |  |                |
| SEP 11         |       |        |    |    |    |    |    |    |    |    | 10  | 31           | 62  | 128 | 159 | 123 | 128 | 164 | 118 | 72  | 5   |                    |  |  |  |  |  |       |  |  |  |           | SEP 11 |  |  |  |  |  |  |  |  |                |
| SEP 21         |       |        |    |    |    |    |    |    |    |    | 10  | 30           | 81  | 96  | 162 | 162 | 213 | 147 | 76  | 20  |     |                    |  |  |  |  |  |       |  |  |  |           | SEP 21 |  |  |  |  |  |  |  |  |                |
| OCT 1          |       |        |    |    |    |    |    |    |    |    | 6   | 63           | 160 | 120 | 189 | 137 | 194 | 126 | 6   |     |     |                    |  |  |  |  |  |       |  |  |  |           | OCT 1  |  |  |  |  |  |  |  |  |                |
| OCT 11         |       |        |    |    |    |    |    |    |    | 25 | 34  | 126          | 227 | 218 | 160 | 134 | 50  | 25  |     |     |     |                    |  |  |  |  |  |       |  |  |  |           | OCT 11 |  |  |  |  |  |  |  |  |                |
| OCT 21         |       |        |    |    |    |    |    | 25 | 50 | 58 | 233 | 183          | 283 | 117 | 42  | 8   |     |     |     |     |     |                    |  |  |  |  |  |       |  |  |  |           | OCT 21 |  |  |  |  |  |  |  |  |                |
| MONTH          |       |        |    |    |    |    |    |    |    |    |     |              |     |     |     |     |     |     |     |     |     |                    |  |  |  |  |  | MONTH |  |  |  |           |        |  |  |  |  |  |  |  |  |                |
| MAY            |       |        |    |    |    |    |    |    | 2  | 28 | 61  | 100          | 135 | 176 | 131 | 166 | 122 | 61  | 17  | 2   |     |                    |  |  |  |  |  |       |  |  |  | MAY       |        |  |  |  |  |  |  |  |  |                |
| JUN            |       |        |    |    |    |    |    |    |    | 5  | 35  | 78           | 85  | 118 | 144 | 166 | 196 | 111 | 52  | 12  |     |                    |  |  |  |  |  |       |  |  |  | JUN       |        |  |  |  |  |  |  |  |  |                |
| JUL            |       |        |    |    |    |    |    |    |    |    | 7   | 12           | 23  | 21  | 46  | 102 | 168 | 255 | 271 | 90  | 5   |                    |  |  |  |  |  |       |  |  |  | JUL       |        |  |  |  |  |  |  |  |  |                |
| AUG            |       |        |    |    |    |    |    |    |    |    | 3   | 2            | 15  | 52  | 49  | 67  | 106 | 182 | 241 | 195 | 86  | 2                  |  |  |  |  |  |       |  |  |  | AUG       |        |  |  |  |  |  |  |  |  |                |
| SEP            |       |        |    |    |    |    |    |    |    |    | 7   | 20           | 51  | 91  | 130 | 120 | 166 | 151 | 164 | 83  | 15  | 2                  |  |  |  |  |  |       |  |  |  | SEP       |        |  |  |  |  |  |  |  |  |                |
| OCT            |       |        |    |    |    |    |    | 7  | 22 | 29 | 130 | 186          | 196 | 159 | 109 | 99  | 60  | 2   |     |     |     |                    |  |  |  |  |  |       |  |  |  | OCT       |        |  |  |  |  |  |  |  |  |                |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |    | INDIANOLA RS |     |     |     |     |     |     |     |     |    | HUMIDITY VALUES |    |    |    |    |    |    |    |    |    | 1964-1983 |  |       |  |  |  |  |  |  |  | PRD.<br>BEGINS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------|----|--------------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----------------|----|----|----|----|----|----|----|----|----|-----------|--|-------|--|--|--|--|--|--|--|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                |    | 0            | 5   | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45 | 50              | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100       |  |       |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PRD.           | TO | TO           | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO  | TO | TO              | TO | TO | TO | TO | TO | TO | TO | TO | TO | TO        |  |       |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BEGINS         | 4  | 9            | 14  | 19  | 24  | 29  | 34  | 39  | 44  | 49  | 54 | 59              | 64 | 69 | 74 | 79 | 84 | 89 | 94 | 99 |    |           |  |       |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAY 1          |    |              | 29  | 88  | 124 | 153 | 106 | 100 | 88  | 82  | 71 | 35              | 29 | 24 | 18 | 18 | 6  | 18 | 12 |    |    |           |  |       |  |  |  |  |  |  |  | MAY 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAY 11         |    | 22           | 83  | 83  | 144 | 156 | 111 | 89  | 89  | 39  | 50 | 44              | 22 | 22 | 22 |    | 17 |    |    |    |    |           |  |       |  |  |  |  |  |  |  | MAY 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAY 21         |    | 5            | 52  | 94  | 131 | 131 | 183 | 89  | 73  | 52  | 16 | 31              | 31 | 21 | 31 | 5  | 5  | 21 | 21 | 5  |    |           |  |       |  |  |  |  |  |  |  | MAY 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUN 1          |    | 5            | 47  | 142 | 184 | 132 | 95  | 100 | 74  | 26  | 47 | 32              | 32 | 16 | 16 |    | 26 | 21 | 5  |    |    |           |  |       |  |  |  |  |  |  |  | JUN 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUN 11         |    | 11           | 47  | 116 | 142 | 126 | 111 | 95  | 95  | 79  | 16 | 32              | 37 | 21 | 26 | 21 | 11 | 5  | 5  |    |    |           |  |       |  |  |  |  |  |  |  | JUN 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUN 21         |    | 10           | 66  | 146 | 197 | 167 | 106 | 56  | 61  | 40  | 56 | 25              | 20 | 20 | 10 | 10 | 5  | 5  |    |    |    |           |  |       |  |  |  |  |  |  |  | JUN 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUL 1          |    | 42           | 156 | 125 | 188 | 130 | 99  | 57  | 57  | 31  | 10 | 10              | 21 | 10 | 16 | 5  | 10 | 10 | 16 | 5  |    |           |  |       |  |  |  |  |  |  |  | JUL 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUL 11         |    | 56           | 142 | 218 | 188 | 112 | 107 | 36  | 61  | 25  | 10 | 15              | 5  | 5  | 5  |    |    | 10 | 10 | 5  |    |           |  |       |  |  |  |  |  |  |  | JUL 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUL 21         |    | 68           | 210 | 219 | 183 | 119 | 64  | 59  | 37  | 14  | 5  | 9               | 5  |    |    |    |    | 10 | 10 | 5  |    |           |  |       |  |  |  |  |  |  |  | JUL 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AUG 1          |    | 82           | 224 | 199 | 122 | 122 | 66  | 71  | 31  | 20  | 15 | 20              | 10 |    |    |    |    | 5  |    |    |    |           |  |       |  |  |  |  |  |  |  | AUG 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AUG 11         |    | 55           | 175 | 175 | 130 | 110 | 75  | 60  | 35  | 60  | 10 | 10              | 35 | 5  | 15 | 5  | 10 | 10 | 5  | 15 | 5  |           |  |       |  |  |  |  |  |  |  | AUG 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AUG 21         |    | 37           | 119 | 128 | 147 | 151 | 119 | 50  | 50  | 46  | 60 | 23              | 14 | 18 |    |    | 5  | 14 | 9  |    |    |           |  |       |  |  |  |  |  |  |  | AUG 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEP 1          |    | 15           | 95  | 166 | 191 | 186 | 85  | 55  | 70  | 20  | 20 | 30              | 25 | 10 | 15 | 5  | 5  | 5  |    |    |    |           |  |       |  |  |  |  |  |  |  | SEP 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEP 11         |    | 10           | 31  | 164 | 108 | 108 | 128 | 82  | 103 | 67  | 51 | 36              | 21 | 21 | 21 | 10 | 26 | 10 | 5  |    |    |           |  |       |  |  |  |  |  |  |  | SEP 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEP 21         |    | 10           | 41  | 61  | 132 | 173 | 117 | 122 | 122 | 56  | 41 | 15              | 36 | 25 | 10 | 15 | 10 | 5  | 5  |    |    |           |  |       |  |  |  |  |  |  |  | SEP 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OCT 1          |    |              | 34  | 126 | 114 | 183 | 137 | 120 | 91  | 51  | 40 | 17              | 17 | 17 | 29 |    | 11 | 6  | 6  |    |    |           |  |       |  |  |  |  |  |  |  | OCT 1          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OCT 11         |    |              | 17  | 42  | 67  | 134 | 126 | 126 | 126 | 92  | 42 | 42              | 67 | 34 | 17 | 8  | 25 | 17 | 8  |    |    |           |  |       |  |  |  |  |  |  |  | OCT 11         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OCT 21         |    |              |     | 58  | 50  | 175 | 117 | 117 | 150 | 100 | 58 | 50              | 42 | 17 | 17 | 8  |    | 17 |    | 25 |    |           |  |       |  |  |  |  |  |  |  | OCT 21         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MONTH          |    |              |     |     |     |     |     |     |     |     |    |                 |    |    |    |    |    |    |    |    |    |           |  | MONTH |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAY            |    | 9            | 55  | 89  | 133 | 146 | 135 | 92  | 83  | 57  | 44 | 37              | 28 | 22 | 24 | 7  | 4  | 18 | 11 |    |    |           |  |       |  |  |  |  |  |  |  | MAY            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUN            |    | 9            | 54  | 135 | 175 | 142 | 104 | 83  | 76  | 48  | 40 | 29              | 29 | 19 | 17 | 10 | 14 | 10 | 3  |    |    |           |  |       |  |  |  |  |  |  |  | JUN            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUL            |    | 56           | 171 | 189 | 186 | 120 | 89  | 51  | 51  | 23  | 8  | 12              | 10 | 5  | 7  | 2  | 3  | 7  | 7  | 5  |    |           |  |       |  |  |  |  |  |  |  | JUL            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AUG            |    | 57           | 171 | 166 | 134 | 129 | 88  | 60  | 39  | 42  | 29 | 18              | 20 | 8  | 5  | 7  | 8  | 8  | 2  | 8  |    |           |  |       |  |  |  |  |  |  |  | AUG            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEP            |    | 12           | 56  | 130 | 144 | 156 | 110 | 86  | 98  | 47  | 37 | 27              | 27 | 19 | 15 | 10 | 14 | 7  | 3  |    |    |           |  |       |  |  |  |  |  |  |  | SEP            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OCT            |    |              | 19  | 65  | 85  | 130 | 145 | 121 | 109 | 92  | 58 | 36              | 41 | 29 | 22 | 7  | 14 | 7  | 10 |    |    |           |  |       |  |  |  |  |  |  |  | OCT            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

(con.)

Table 26 (Con.)

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |        | 101206 |   | KRASSEL RS |    | TEMPERATURE VALUES |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |    |           |             |     | 1964-1983 |  |  |
|----------------|--------|--------|---|------------|----|--------------------|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----------|-------------|-----|-----------|--|--|
|                |        | BELOW  | 0 | 5          | 10 | 15                 | 20 | 25 | 30 | 35 | 40 | 45  | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 95 | 100       |             |     |           |  |  |
| PRD.           | BEGINS | 0      | 4 | 9          | 14 | 19                 | 24 | 29 | 34 | 39 | 44 | 49  | 54  | 59  | 64  | 69  | 74  | 79  | 84  | 89  | 94  | 99 | AND ABOVE | PRD. BEGINS |     |           |  |  |
| MAY            | 1      |        |   |            |    |                    |    |    |    | 15 | 74 | 147 | 44  | 147 | 221 | 118 | 132 | 103 |     |     |     |    |           |             | MAY | 1         |  |  |
| MAY            | 11     |        |   |            |    |                    |    |    |    | 11 | 57 | 34  | 102 | 102 | 102 | 182 | 159 | 114 | 68  | 68  |     |    |           |             | MAY | 11        |  |  |
| MAY            | 21     |        |   |            |    |                    |    |    |    |    | 52 | 72  | 113 | 72  | 186 | 93  | 124 | 155 | 113 | 21  |     |    |           |             | MAY | 21        |  |  |
| JUN            | 1      |        |   |            |    |                    |    |    |    | 16 | 8  | 64  | 120 | 96  | 160 | 136 | 176 | 152 | 40  | 32  |     |    |           |             | JUN | 1         |  |  |
| JUN            | 11     |        |   |            |    |                    |    |    |    |    | 15 | 80  | 95  | 73  | 153 | 197 | 117 | 182 | 80  | 7   |     |    |           |             | JUN | 11        |  |  |
| JUN            | 21     |        |   |            |    |                    |    |    |    | 6  | 12 | 36  | 65  | 89  | 95  | 95  | 213 | 178 | 124 | 71  | 18  |    |           |             | JUN | 21        |  |  |
| JUL            | 1      |        |   |            |    |                    |    |    |    |    | 6  | 11  | 22  | 50  | 50  | 94  | 138 | 215 | 182 | 166 | 61  | 6  |           |             | JUL | 1         |  |  |
| JUL            | 11     |        |   |            |    |                    |    |    |    |    |    | 15  | 5   | 15  | 30  | 76  | 107 | 254 | 198 | 234 | 61  | 5  |           |             | JUL | 11        |  |  |
| JUL            | 21     |        |   |            |    |                    |    |    |    |    |    |     |     | 18  | 14  | 18  | 73  | 169 | 279 | 324 | 105 |    |           |             | JUL | 21        |  |  |
| AUG            | 1      |        |   |            |    |                    |    |    |    |    |    |     | 5   | 10  | 15  | 31  | 97  | 179 | 276 | 270 | 112 | 5  |           |             | AUG | 1         |  |  |
| AUG            | 11     |        |   |            |    |                    |    |    |    |    |    |     | 30  | 30  | 36  | 46  | 86  | 76  | 162 | 228 | 244 | 61 |           |             | AUG | 11        |  |  |
| AUG            | 21     |        |   |            |    |                    |    |    |    |    |    | 23  | 37  | 51  | 97  | 120 | 143 | 189 | 180 | 124 | 23  | 14 |           |             | AUG | 21        |  |  |
| SEP            | 1      |        |   |            |    |                    |    |    |    |    |    | 27  | 48  | 53  | 90  | 128 | 176 | 255 | 176 | 43  | 5   |    |           |             | SEP | 1         |  |  |
| SEP            | 11     |        |   |            |    |                    |    |    |    |    | 18 | 29  | 117 | 111 | 111 | 111 | 123 | 170 | 146 | 58  | 6   |    |           |             | SEP | 11        |  |  |
| SEP            | 21     |        |   |            |    |                    |    |    |    |    | 23 | 69  | 38  | 160 | 191 | 137 | 214 | 76  | 84  | 8   |     |    |           |             | SEP | 21        |  |  |
| OCT            | 1      |        |   |            |    |                    |    |    |    |    | 36 | 108 | 133 | 48  | 241 | 145 | 229 | 60  |     |     |     |    |           |             | OCT | 1         |  |  |
| MONTH          |        |        |   |            |    |                    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |    |           | MONTH       |     |           |  |  |
| MAY            |        |        |   |            |    |                    |    |    |    | 8  | 59 | 79  | 91  | 103 | 166 | 130 | 138 | 126 | 67  | 32  |     |    |           |             | MAY |           |  |  |
| JUN            |        |        |   |            |    |                    |    |    |    |    | 7  | 12  | 58  | 90  | 86  | 132 | 139 | 172 | 172 | 86  | 39  | 7  |           |             | JUN |           |  |  |
| JUL            |        |        |   |            |    |                    |    |    |    |    |    | 2   | 8   | 8   | 27  | 30  | 60  | 104 | 211 | 223 | 246 | 77 | 3         |             | JUL |           |  |  |
| AUG            |        |        |   |            |    |                    |    |    |    |    |    | 18  | 25  | 33  | 54  | 80  | 107 | 177 | 226 | 210 | 64  | 7  |           |             | AUG |           |  |  |
| SEP            |        |        |   |            |    |                    |    |    |    |    | 12 | 29  | 61  | 100 | 110 | 110 | 149 | 147 | 171 | 90  | 18  | 2  |           |             | SEP |           |  |  |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |    | 101206 |    | KRASSEL RS |     | HUMIDITY VALUES |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |        |        | 1964-1983 |  |  |
|----------------|----|--------|----|------------|-----|-----------------|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|--------|--------|-----------|--|--|
|                |    | 0      | 5  | 10         | 15  | 20              | 25  | 30  | 35  | 40  | 45  | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100    |        |           |  |  |
| PRD.           | TO | 4      | 9  | 14         | 19  | 24              | 29  | 34  | 39  | 44  | 49  | 54 | 59 | 64 | 69 | 74 | 79 | 84 | 89 | 94 | 99 |        | PRD.   |           |  |  |
| BEGINS         |    |        |    |            |     |                 |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    | BEGINS |        |           |  |  |
| MAY 1          |    |        |    | 29         | 103 | 147             | 74  | 103 | 59  | 147 | 74  | 74 | 74 | 29 | 15 | 15 | 29 |    | 15 | 15 |    |        | MAY 1  |           |  |  |
| MAY 11         |    |        | 23 | 114        | 159 | 193             | 91  | 45  | 91  | 91  | 57  |    | 11 | 23 | 11 | 23 |    | 23 | 23 | 23 |    |        | MAY 11 |           |  |  |
| MAY 21         |    |        |    | 72         | 186 | 165             | 113 | 82  | 52  | 82  | 41  | 10 | 62 | 62 | 10 | 21 |    |    | 10 | 21 | 10 |        | MAY 21 |           |  |  |
| JUN 1          |    |        |    | 120        | 168 | 136             | 144 | 48  | 88  | 88  | 32  | 16 | 24 | 32 | 16 | 8  | 16 | 16 | 16 | 24 |    | 8      | JUN 1  |           |  |  |
| JUN 11         |    |        | 7  | 29         | 139 | 168             | 182 | 102 | 109 | 29  | 36  | 36 | 36 | 15 | 22 | 15 | 15 | 15 | 44 |    |    | JUN 11 |        |           |  |  |
| JUN 21         |    |        | 12 | 83         | 189 | 172             | 124 | 89  | 43  | 41  | 41  | 41 | 30 | 6  | 6  | 12 | 12 | 6  | 24 | 18 |    | 12     | JUN 21 |           |  |  |
| JUL 1          |    |        | 44 | 160        | 287 | 188             | 94  | 22  | 44  | 50  | 11  | 33 | 11 | 6  | 6  | 6  |    | 17 |    | 6  |    | 17     | JUL 1  |           |  |  |
| JUL 11         |    |        | 25 | 269        | 264 | 183             | 86  | 66  | 20  | 20  | 20  | 5  |    | 5  |    | 10 |    | 15 | 10 |    |    | JUL 11 |        |           |  |  |
| JUL 21         |    |        | 50 | 333        | 228 | 137             | 142 | 23  | 23  | 27  | 5   |    | 9  |    | 5  |    | 5  |    | 5  | 9  |    |        | JUL 21 |           |  |  |
| AUG 1          |    |        | 77 | 321        | 276 | 122             | 66  | 46  | 31  | 10  | 15  | 5  | 10 |    |    |    | 5  | 5  | 5  | 5  |    |        | AUG 1  |           |  |  |
| AUG 11         |    |        | 81 | 289        | 188 | 91              | 96  | 66  | 25  | 36  | 15  | 20 | 25 |    | 15 |    | 30 | 5  | 5  | 5  |    | 5      | AUG 11 |           |  |  |
| AUG 21         |    |        | 83 | 147        | 180 | 157             | 106 | 101 | 65  | 37  | 18  | 18 | 14 | 23 | 9  | 5  | 9  | 5  | 14 | 5  |    | 5      | AUG 21 |           |  |  |
| SEP 1          |    |        | 27 | 138        | 255 | 239             | 74  | 85  | 43  | 32  | 21  | 27 |    | 5  | 5  | 11 | 5  | 16 | 5  | 11 |    |        | SEP 1  |           |  |  |
| SEP 11         |    |        | 6  | 117        | 158 | 135             | 111 | 88  | 82  | 47  | 47  | 18 | 23 | 18 |    | 29 | 53 | 18 | 29 | 18 |    | 6      | SEP 11 |           |  |  |
| SEP 21         |    |        | 8  | 76         | 92  | 137             | 53  | 145 | 168 | 69  | 115 | 46 | 8  | 15 | 8  |    | 8  | 15 | 23 | 15 |    |        | SEP 21 |           |  |  |
| OCT 1          |    |        | 12 | 108        | 169 | 60              | 133 | 181 | 48  | 12  | 48  | 60 | 24 | 12 |    | 24 | 24 | 12 | 12 | 60 |    |        | OCT 1  |           |  |  |
| MONTH          |    |        |    |            |     |                 |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |        | MONTH  |           |  |  |
| MAY            |    |        | 8  | 75         | 154 | 170             | 95  | 75  | 67  | 103 | 55  | 24 | 47 | 40 | 12 | 20 | 8  | 8  | 16 | 20 | 4  |        | MAY    |           |  |  |
| JUN            |    |        | 7  | 77         | 167 | 160             | 148 | 81  | 93  | 51  | 37  | 32 | 30 | 16 | 14 | 12 | 14 | 12 | 28 | 14 |    | 7      | JUN    |           |  |  |
| JUL            |    |        | 40 | 260        | 258 | 168             | 109 | 37  | 28  | 32  | 12  | 12 | 7  | 3  | 3  | 5  | 2  | 10 | 5  | 5  |    | 5      | JUL    |           |  |  |
| AUG            |    |        | 80 | 249        | 213 | 125             | 90  | 72  | 41  | 28  | 16  | 15 | 16 | 8  | 8  | 2  | 15 | 5  | 8  | 5  |    | 3      | AUG    |           |  |  |
| SEP            |    |        | 14 | 114        | 178 | 176             | 82  | 102 | 90  | 47  | 55  | 29 | 10 | 12 | 4  | 16 | 24 | 12 | 18 | 14 |    | 2      | SEP    |           |  |  |

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Table 26 (Con.)

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 101207 |   | LANDMARK RS |    | TEMPERATURE VALUES |    |    |    |    |     |     |     |     |     |     |     |     |    |    |    |       |        |        |  | 1964-1981 |  |  |  |  |
|----------------|-------|--------|---|-------------|----|--------------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-------|--------|--------|--|-----------|--|--|--|--|
| PRD.           | BELOW | 0      | 5 | 10          | 15 | 20                 | 25 | 30 | 35 | 40 | 45  | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85 | 90 | 95 | 100   | AND    | PRD.   |  |           |  |  |  |  |
| BEGINS         | 0     | 4      | 9 | 14          | 19 | 24                 | 29 | 34 | 39 | 44 | 49  | 54  | 59  | 64  | 69  | 74  | 79  | 84  | 89 | 94 | 99 | ABOVE | BEGINS |        |  |           |  |  |  |  |
| JUN 21         |       |        |   |             |    |                    |    |    | 10 | 20 | 51  | 61  | 102 | 153 | 163 | 214 | 163 | 61  |    |    |    |       |        | JUN 21 |  |           |  |  |  |  |
| JUL 1          |       |        |   |             |    |                    |    |    |    | 6  | 19  | 13  | 64  | 122 | 179 | 269 | 218 | 90  | 19 |    |    |       |        | JUL 1  |  |           |  |  |  |  |
| JUL 11         |       |        |   |             |    |                    |    |    |    |    | 17  | 6   | 22  | 67  | 197 | 247 | 242 | 169 | 34 |    |    |       |        | JUL 11 |  |           |  |  |  |  |
| JUL 21         |       |        |   |             |    |                    |    |    |    |    |     | 15  | 10  | 35  | 66  | 222 | 354 | 278 | 20 |    |    |       |        | JUL 21 |  |           |  |  |  |  |
| AUG 1          |       |        |   |             |    |                    |    |    |    |    | 6   | 11  | 34  | 45  | 157 | 185 | 292 | 247 | 22 |    |    |       |        | AUG 1  |  |           |  |  |  |  |
| AUG 11         |       |        |   |             |    |                    |    |    |    | 17 | 45  | 34  | 63  | 91  | 136 | 210 | 170 | 210 | 23 |    |    |       |        | AUG 11 |  |           |  |  |  |  |
| AUG 21         |       |        |   |             |    |                    |    |    |    | 15 | 66  | 51  | 117 | 107 | 173 | 157 | 188 | 112 | 15 |    |    |       |        | AUG 21 |  |           |  |  |  |  |
| SEP 1          |       |        |   |             |    |                    |    |    |    | 40 | 28  | 68  | 136 | 102 | 169 | 271 | 130 | 56  |    |    |    |       |        | SEP 1  |  |           |  |  |  |  |
| SEP 11         |       |        |   |             |    |                    | 6  | 11 | 17 | 86 | 121 | 132 | 109 | 144 | 161 | 138 | 63  | 11  |    |    |    |       |        | SEP 11 |  |           |  |  |  |  |
| SEP 21         |       |        |   |             |    |                    |    | 15 | 74 | 81 | 67  | 119 | 156 | 163 | 119 | 156 | 37  | 15  |    |    |    |       |        | SEP 21 |  |           |  |  |  |  |
| OCT 1          |       |        |   |             |    |                    |    |    | 11 | 44 | 88  | 154 | 143 | 110 | 132 | 143 | 143 | 33  |    |    |    |       |        | OCT 1  |  |           |  |  |  |  |
| MONTH          |       |        |   |             |    |                    |    |    |    |    |     |     |     |     |     |     |     |     |    |    |    |       |        |        |  |           |  |  |  |  |
| JUL            |       |        |   |             |    |                    |    |    |    | 2  | 11  | 11  | 30  | 71  | 143 | 244 | 276 | 186 | 24 |    |    |       |        | JUL    |  |           |  |  |  |  |
| AUG            |       |        |   |             |    |                    |    |    |    | 11 | 40  | 33  | 73  | 82  | 156 | 183 | 216 | 187 | 20 |    |    |       |        | AUG    |  |           |  |  |  |  |
| SEP            |       |        |   |             |    |                    | 2  | 8  | 27 | 68 | 72  | 105 | 132 | 134 | 152 | 191 | 80  | 29  |    |    |    |       |        | SEP    |  |           |  |  |  |  |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |    | 101207 |   | LANDMARK RS |    | HUMIDITY VALUES |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |        |        | 1964-1981 |  |  |  |
|----------------|----|--------|---|-------------|----|-----------------|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|--------|--------|-----------|--|--|--|
| PRD.           | TO | 0      | 5 | 10          | 15 | 20              | 25  | 30  | 35  | 40  | 45  | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100    | PRD.   |           |  |  |  |
|                |    | 4      | 9 | 14          | 19 | 24              | 29  | 34  | 39  | 44  | 49  | 54 | 59 | 64 | 69 | 74 | 79 | 84 | 89 | 94 | 99 | BEGINS |        |           |  |  |  |
| JUN 21         |    |        |   |             | 20 | 143             | 133 | 194 | 102 | 102 | 92  | 82 | 31 | 10 | 20 |    | 20 | 41 |    |    | 10 |        | JUN 21 |           |  |  |  |
| JUL 1          |    |        |   |             | 26 | 167             | 192 | 179 | 167 | 77  | 71  | 38 | 19 | 13 |    | 6  |    | 6  | 13 |    |    |        | JUL 1  |           |  |  |  |
| JUL 11         |    |        |   |             | 51 | 185             | 169 | 202 | 140 | 107 | 39  | 22 | 22 | 11 | 22 |    |    | 11 | 11 | 6  |    |        | JUL 11 |           |  |  |  |
| JUL 21         |    |        |   |             | 10 | 96              | 263 | 217 | 177 | 86  | 56  | 51 | 15 | 10 | 5  |    |    | 5  | 5  |    | 5  |        | JUL 21 |           |  |  |  |
| AUG 1          |    |        |   |             | 34 | 112             | 275 | 185 | 163 | 90  | 17  | 34 | 11 | 11 | 6  | 11 | 22 | 6  | 6  | 6  | 11 |        | AUG 1  |           |  |  |  |
| AUG 11         |    |        |   |             | 11 | 102             | 205 | 136 | 136 | 97  | 85  | 34 | 40 | 23 | 11 | 28 | 11 | 23 | 11 | 11 | 28 | 6      | AUG 11 |           |  |  |  |
| AUG 21         |    |        |   |             |    | 46              | 183 | 162 | 168 | 107 | 81  | 71 | 41 | 25 | 15 | 30 | 5  | 10 | 15 | 5  | 15 | 20     | AUG 21 |           |  |  |  |
| SEP 1          |    |        |   |             | 6  | 56              | 153 | 260 | 153 | 62  | 119 | 56 | 6  | 6  | 23 | 17 | 6  | 17 | 11 | 6  | 28 | 17     | SEP 1  |           |  |  |  |
| SEP 11         |    |        |   |             |    | 69              | 109 | 80  | 144 | 109 | 52  | 92 | 34 | 34 | 23 | 40 | 23 | 57 | 40 | 29 | 52 | 11     | SEP 11 |           |  |  |  |
| SEP 21         |    |        |   |             |    | 22              | 119 | 170 | 119 | 111 | 133 | 74 | 30 | 7  | 22 | 44 | 22 | 22 | 30 | 7  | 22 | 30     | 15     | SEP 21    |  |  |  |
| OCT 1          |    |        |   |             |    | 99              | 110 | 154 | 88  | 55  | 77  | 88 | 33 | 66 | 33 | 66 | 33 | 33 | 11 | 11 |    | 44     |        | OCT 1     |  |  |  |
| MONTH          |    |        |   |             |    |                 |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |        | MONTH  |           |  |  |  |
| JUL            |    |        |   |             | 4  | 60              | 209 | 194 | 186 | 128 | 79  | 53 | 24 | 17 | 11 | 11 |    | 2  | 8  | 8  | 6  | 2      | JUL    |           |  |  |  |
| AUG            |    |        |   |             | 15 | 85              | 220 | 162 | 156 | 98  | 62  | 47 | 31 | 20 | 11 | 24 | 13 | 13 | 11 | 7  | 18 | 9      | AUG    |           |  |  |  |
| SEP            |    |        |   |             | 2  | 51              | 128 | 171 | 140 | 93  | 99  | 74 | 23 | 16 | 23 | 33 | 16 | 33 | 27 | 14 | 35 | 19     | 4      | SEP       |  |  |  |

(con.)

Table 26 (Con.)

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |       | 101805             |   | LITTLE CREEK GS |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     | 1964-1983 |  |        |        |  |  |  |  |  |       |  |
|----------------|-------|--------------------|---|-----------------|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|--|--------|--------|--|--|--|--|--|-------|--|
|                |       | TEMPERATURE VALUES |   |                 |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |           |  |        |        |  |  |  |  |  |       |  |
| PRD.           | BELOW | 0                  | 5 | 10              | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 95  | 100       |  | PRD.   |        |  |  |  |  |  |       |  |
| BEGINS         | 0     | 4                  | 9 | 14              | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54  | 59  | 64  | 69  | 74  | 79  | 84  | 89  | 94  | 99  | AND ABOVE |  | BEGINS |        |  |  |  |  |  |       |  |
| MAY 21         |       |                    |   |                 |    |    |    |    |    | 44 | 89 | 100 | 133 | 178 | 111 | 156 | 100 | 67  | 22  |     |     |           |  | MAY 21 |        |  |  |  |  |  |       |  |
| JUN 1          |       |                    |   |                 |    |    |    |    |    | 6  | 25 | 38  | 95  | 108 | 139 | 158 | 209 | 146 | 57  | 19  |     |           |  | JUN 1  |        |  |  |  |  |  |       |  |
| JUN 11         |       |                    |   |                 |    |    |    |    |    | 6  | 68 | 68  | 136 | 136 | 191 | 185 | 99  | 68  | 31  | 6   |     |           |  | JUN 11 |        |  |  |  |  |  |       |  |
| JUN 21         |       |                    |   |                 |    |    |    |    |    |    | 18 | 24  | 53  | 47  | 124 | 142 | 201 | 160 | 154 | 59  | 18  |           |  | JUN 21 |        |  |  |  |  |  |       |  |
| JUL 1          |       |                    |   |                 |    |    |    |    |    |    |    | 16  |     |     | 58  | 105 | 141 | 215 | 220 | 147 | 26  |           |  | JUL 1  |        |  |  |  |  |  |       |  |
| JUL 11         |       |                    |   |                 |    |    |    |    |    |    | 5  |     | 10  | 20  | 20  | 71  | 117 | 289 | 228 | 203 | 36  |           |  | JUL 11 |        |  |  |  |  |  |       |  |
| JUL 21         |       |                    |   |                 |    |    |    |    |    |    |    |     |     |     | 5   | 9   | 50  | 96  | 161 | 330 | 307 | 41        |  |        | JUL 21 |  |  |  |  |  |       |  |
| AUG 1          |       |                    |   |                 |    |    |    |    |    |    |    |     | 10  | 10  | 30  | 71  | 131 | 177 | 237 | 283 | 51  |           |  | AUG 1  |        |  |  |  |  |  |       |  |
| AUG 11         |       |                    |   |                 |    |    |    |    |    |    |    | 10  | 51  | 66  | 45  | 61  | 141 | 222 | 212 | 162 | 30  |           |  | AUG 11 |        |  |  |  |  |  |       |  |
| AUG 21         |       |                    |   |                 |    |    |    |    |    |    | 5  | 24  | 33  | 53  | 124 | 163 | 148 | 177 | 148 | 120 | 5   |           |  | AUG 21 |        |  |  |  |  |  |       |  |
| SEP 1          |       |                    |   |                 |    |    |    |    |    |    |    | 48  | 37  | 85  | 106 | 138 | 222 | 238 | 111 | 16  |     |           |  | SEP 1  |        |  |  |  |  |  |       |  |
| SEP 11         |       |                    |   |                 |    |    |    |    | 6  | 17 | 57 | 103 | 98  | 144 | 149 | 126 | 172 | 109 | 17  |     |     |           |  | SEP 11 |        |  |  |  |  |  |       |  |
| SEP 21         |       |                    |   |                 |    |    |    |    |    | 16 | 56 | 40  | 152 | 176 | 168 | 184 | 128 | 40  | 40  |     |     |           |  | SEP 21 |        |  |  |  |  |  |       |  |
| MONTH          |       |                    |   |                 |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |           |  |        |        |  |  |  |  |  | MONTH |  |
| JUN            |       |                    |   |                 |    |    |    |    |    | 4  | 16 | 43  | 72  | 96  | 133 | 164 | 198 | 135 | 94  | 37  | 8   |           |  | JUN    |        |  |  |  |  |  |       |  |
| JUL            |       |                    |   |                 |    |    |    |    |    |    | 2  | 5   | 12  | 23  | 28  | 74  | 117 | 219 | 262 | 223 | 35  |           |  | JUL    |        |  |  |  |  |  |       |  |
| AUG            |       |                    |   |                 |    |    |    |    |    |    | 2  | 12  | 31  | 43  | 68  | 99  | 140 | 192 | 198 | 187 | 28  |           |  | AUG    |        |  |  |  |  |  |       |  |
| SEP            |       |                    |   |                 |    |    |    |    | 2  | 10 | 35 | 66  | 88  | 129 | 137 | 145 | 180 | 141 | 59  | 6   |     |           |  | SEP    |        |  |  |  |  |  |       |  |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |         | 101805 LITTLE CREEK GS |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 1964-1983 |        |                |  |  |  |  |  |  |  |  |  |  |  |
|----------------|---------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|--------|----------------|--|--|--|--|--|--|--|--|--|--|--|
|                |         | HUMIDITY VALUES        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |        |                |  |  |  |  |  |  |  |  |  |  |  |
| PRD.<br>BEGINS | 0       | 5                      | 10       | 15       | 20       | 25       | 30       | 35       | 40       | 45       | 50       | 55       | 60       | 65       | 70       | 75       | 80       | 85       | 90       | 95        | 100    | PRD.<br>BEGINS |  |  |  |  |  |  |  |  |  |  |  |
|                | TO<br>4 | TO<br>9                | TO<br>14 | TO<br>19 | TO<br>24 | TO<br>29 | TO<br>34 | TO<br>39 | TO<br>44 | TO<br>49 | TO<br>54 | TO<br>59 | TO<br>64 | TO<br>69 | TO<br>74 | TO<br>79 | TO<br>84 | TO<br>89 | TO<br>94 | TO<br>99  |        |                |  |  |  |  |  |  |  |  |  |  |  |
| MAY 21         |         |                        | 22       | 144      | 111      | 78       | 122      | 56       | 56       | 78       | 44       | 78       | 44       | 44       | 44       | 22       | 11       | 22       | 11       |           | 11     | MAY 21         |  |  |  |  |  |  |  |  |  |  |  |
| JUN 1          |         | 13                     | 38       | 152      | 190      | 139      | 95       | 82       | 70       | 63       | 44       | 32       | 25       | 13       |          | 6        | 25       | 13       |          |           | JUN 1  |                |  |  |  |  |  |  |  |  |  |  |  |
| JUN 11         |         | 25                     | 74       | 130      | 167      | 93       | 99       | 142      | 56       | 49       | 37       | 31       | 25       | 31       | 12       | 19       |          |          |          |           | 12     | JUN 11         |  |  |  |  |  |  |  |  |  |  |  |
| JUN 21         |         | 12                     | 142      | 136      | 154      | 166      | 112      | 89       | 53       | 41       | 12       | 24       | 12       | 6        | 12       |          | 18       | 12       |          |           | JUN 21 |                |  |  |  |  |  |  |  |  |  |  |  |
| JUL 1          |         | 31                     | 225      | 183      | 173      | 120      | 84       | 26       | 21       | 16       | 10       | 31       | 10       | 21       | 10       | 21       | 5        | 5        |          |           | 5      | JUL 1          |  |  |  |  |  |  |  |  |  |  |  |
| JUL 11         |         | 10                     | 208      | 269      | 152      | 162      | 86       | 25       | 15       | 10       |          | 10       | 5        | 20       | 10       | 10       | 5        |          |          |           | JUL 11 |                |  |  |  |  |  |  |  |  |  |  |  |
| JUL 21         |         | 37                     | 317      | 234      | 151      | 83       | 73       | 55       | 9        | 9        | 14       | 9        |          |          | 5        |          |          | 5        |          |           | JUL 21 |                |  |  |  |  |  |  |  |  |  |  |  |
| AUG 1          |         | 106                    | 273      | 192      | 126      | 106      | 45       | 30       | 35       | 10       | 25       | 10       | 5        | 10       | 10       |          |          | 10       |          | 5         | AUG 1  |                |  |  |  |  |  |  |  |  |  |  |  |
| AUG 11         |         | 131                    | 177      | 187      | 81       | 136      | 81       | 25       | 35       | 40       | 5        | 25       | 20       | 10       | 25       |          | 5        |          | 5        |           | 10     | AUG 11         |  |  |  |  |  |  |  |  |  |  |  |
| AUG 21         |         | 62                     | 139      | 225      | 115      | 115      | 86       | 38       | 53       | 62       | 24       | 24       | 10       | 5        | 14       | 10       | 10       | 5        | 5        |           | AUG 21 |                |  |  |  |  |  |  |  |  |  |  |  |
| SEP 1          |         | 21                     | 95       | 180      | 275      | 164      | 74       | 48       | 16       | 16       | 21       |          | 16       | 26       | 11       | 21       | 5        |          | 11       |           | SEP 1  |                |  |  |  |  |  |  |  |  |  |  |  |
| SEP 11         |         |                        | 69       | 178      | 138      | 98       | 98       | 75       | 46       | 75       | 34       | 29       | 57       | 23       | 6        | 34       | 11       | 23       | 6        |           | SEP 11 |                |  |  |  |  |  |  |  |  |  |  |  |
| SEP 21         |         |                        | 24       | 136      | 160      | 144      | 152      | 104      | 72       | 40       | 24       | 24       | 32       | 24       |          | 32       |          | 16       | 8        |           | SEP 21 |                |  |  |  |  |  |  |  |  |  |  |  |
| MONTH          |         | MONTH                  |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |        |                |  |  |  |  |  |  |  |  |  |  |  |
| JUN            |         | 16                     | 86       | 139      | 170      | 133      | 102      | 104      | 59       | 51       | 31       | 29       | 20       | 16       | 8        | 8        | 14       | 8        |          |           | 4      | JUN            |  |  |  |  |  |  |  |  |  |  |  |
| JUL            |         | 26                     | 252      | 229      | 158      | 120      | 81       | 36       | 15       | 12       | 8        | 17       | 5        | 13       | 8        | 10       | 3        | 3        |          |           | 2      | JUL            |  |  |  |  |  |  |  |  |  |  |  |
| AUG            |         | 99                     | 195      | 202      | 107      | 119      | 71       | 31       | 41       | 38       | 18       | 20       | 12       | 8        | 17       | 3        | 5        | 5        |          | 3         | 3      | AUG            |  |  |  |  |  |  |  |  |  |  |  |
| SEP            |         | 8                      | 68       | 168      | 197      | 135      | 102      | 72       | 41       | 43       | 27       | 16       | 35       | 25       | 6        | 29       | 6        | 12       | 8        | 2         | 2      | SEP            |  |  |  |  |  |  |  |  |  |  |  |

(con.)

Table 26 (Con.)

## DRY BULB TEMPERATURE

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |            | 101209       |              | MC CALL SO     |                | TEMPERATURE VALUES |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     | 1964-1983 |        |  |  | PRD.<br>BEGINS |
|----------------|------------|--------------|--------------|----------------|----------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|-----------|--------|--|--|----------------|
| PRD.<br>BEGINS | BELOW<br>0 | 0<br>TO<br>4 | 5<br>TO<br>9 | 10<br>TO<br>14 | 15<br>TO<br>19 | 20<br>TO<br>24     | 25<br>TO<br>29 | 30<br>TO<br>34 | 35<br>TO<br>39 | 40<br>TO<br>44 | 45<br>TO<br>49 | 50<br>TO<br>54 | 55<br>TO<br>59 | 60<br>TO<br>64 | 65<br>TO<br>69 | 70<br>TO<br>74 | 75<br>TO<br>79 | 80<br>TO<br>84 | 85<br>TO<br>89 | 90<br>TO<br>94 | 95<br>TO<br>99 | 100<br>AND<br>ABOVE |           |        |  |  |                |
| MAY 1          |            |              |              |                |                |                    | 9              | 36             | 36             | 180            | 153            | 135            | 135            | 171            | 99             | 36             | 9              |                |                |                |                |                     |           | MAY 1  |  |  |                |
| MAY 11         |            |              |              |                |                |                    |                |                | 19             | 83             | 89             | 217            | 159            | 178            | 115            | 83             | 51             | 6              |                |                |                |                     |           | MAY 11 |  |  |                |
| MAY 21         |            |              |              |                |                |                    |                |                | 17             | 68             | 73             | 192            | 164            | 141            | 107            | 119            | 90             | 23             | 6              |                |                |                     |           | MAY 21 |  |  |                |
| JUN 1          |            |              |              |                |                |                    |                |                | 6              | 24             | 65             | 76             | 153            | 153            | 171            | 212            | 100            | 24             | 18             |                |                |                     |           | JUN 1  |  |  |                |
| JUN 11         |            |              |              |                |                |                    |                |                |                | 40             | 62             | 147            | 119            | 141            | 186            | 164            | 107            | 34             |                |                |                |                     |           | JUN 11 |  |  |                |
| JUN 21         |            |              |              |                |                |                    |                |                |                | 16             | 38             | 71             | 93             | 120            | 158            | 197            | 137            | 120            | 49             |                |                |                     |           | JUN 21 |  |  |                |
| JUL 1          |            |              |              |                |                |                    |                |                |                |                | 6              | 39             | 45             | 73             | 96             | 208            | 247            | 169            | 112            | 6              |                |                     |           | JUL 1  |  |  |                |
| JUL 11         |            |              |              |                |                |                    |                |                |                |                | 5              | 5              | 21             | 46             | 113            | 191            | 294            | 186            | 124            | 15             |                |                     |           | JUL 11 |  |  |                |
| JUL 21         |            |              |              |                |                |                    |                |                |                |                |                |                | 14             | 19             | 28             | 135            | 223            | 381            | 191            | 9              |                |                     |           | JUL 21 |  |  |                |
| AUG 1          |            |              |              |                |                |                    |                |                |                |                |                | 15             | 5              | 41             | 67             | 103            | 227            | 330            | 186            | 21             | 5              |                     |           | AUG 1  |  |  |                |
| AUG 11         |            |              |              |                |                |                    |                |                |                |                | 22             | 65             | 16             | 65             | 76             | 141            | 211            | 200            | 168            | 38             |                |                     |           | AUG 11 |  |  |                |
| AUG 21         |            |              |              |                |                |                    |                |                |                |                | 10             | 44             | 99             | 113            | 123            | 177            | 187            | 143            | 84             | 20             |                |                     |           | AUG 21 |  |  |                |
| SEP 1          |            |              |              |                |                |                    |                |                |                | 11             | 11             | 38             | 65             | 152            | 120            | 217            | 245            | 120            | 22             |                |                |                     |           | SEP 1  |  |  |                |
| SEP 11         |            |              |              |                |                |                    |                |                | 6              | 25             | 107            | 119            | 138            | 138            | 107            | 176            | 126            | 50             | 6              |                |                |                     |           | SEP 11 |  |  |                |
| SEP 21         |            |              |              |                |                |                    |                |                | 19             | 51             | 77             | 103            | 115            | 192            | 179            | 147            | 90             | 26             |                |                |                |                     |           | SEP 21 |  |  |                |
| OCT 1          |            |              |              |                |                |                    |                |                | 26             | 113            | 99             | 132            | 139            | 166            | 139            | 146            | 40             |                |                |                |                |                     |           | OCT 1  |  |  |                |
| MONTH          |            |              |              |                |                |                    |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                     |           | MONTH  |  |  |                |
| MAY            |            |              |              |                |                |                    | 2              | 9              | 22             | 101            | 99             | 187            | 155            | 162            | 108            | 85             | 56             | 11             | 2              |                |                |                     |           | MAY    |  |  |                |
| JUN            |            |              |              |                |                |                    |                |                | 2              | 26             | 55             | 98             | 121            | 138            | 172            | 191            | 115            | 60             | 23             |                |                |                     |           | JUN    |  |  |                |
| JUL            |            |              |              |                |                |                    |                |                |                |                | 3              | 14             | 26             | 44             | 77             | 175            | 254            | 252            | 145            | 10             |                |                     |           | JUL    |  |  |                |
| AUG            |            |              |              |                |                |                    |                |                |                |                | 10             | 41             | 41             | 74             | 89             | 141            | 208            | 223            | 144            | 26             | 2              |                     |           | AUG    |  |  |                |
| SEP            |            |              |              |                |                |                    |                |                | 8              | 28             | 62             | 84             | 104            | 160            | 134            | 182            | 158            | 68             | 10             |                |                |                     |           | SEP    |  |  |                |

## RELATIVE HUMIDITY

PERCENTAGE FREQUENCY DISTRIBUTION OF DAILY VALUES  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER |    | 101209 |    | MC CALL SO |     | HUMIDITY VALUES |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |        | 1964-1983 |  |  |
|----------------|----|--------|----|------------|-----|-----------------|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|--------|-----------|--|--|
|                |    | 0      | 5  | 10         | 15  | 20              | 25  | 30  | 35  | 40  | 45  | 50  | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100    |           |  |  |
| PRD.           | TO | 4      | 9  | 14         | 19  | 24              | 29  | 34  | 39  | 44  | 49  | 54  | 59 | 64 | 69 | 74 | 79 | 84 | 89 | 94 | 99 |        | PRD.      |  |  |
| BEGINS         |    |        |    |            |     |                 |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    | BEGINS |           |  |  |
| MAY 1          |    |        |    | 9          | 18  |                 | 99  | 126 | 126 | 54  | 108 | 54  | 63 | 54 | 54 | 81 | 27 | 36 | 27 | 36 | 9  | 18     | MAY 1     |  |  |
| MAY 11         |    |        |    | 13         | 38  | 64              | 127 | 172 | 134 | 76  | 96  | 64  | 51 | 32 | 19 | 32 | 25 | 13 | 25 |    | 6  |        | MAY 11    |  |  |
| MAY 21         |    |        |    | 6          | 11  | 96              | 119 | 147 | 68  | 62  | 79  | 56  | 73 | 73 | 45 | 34 | 34 | 45 | 17 | 34 |    |        | MAY 21    |  |  |
| JUN 1          |    |        | 6  | 18         | 18  | 71              | 159 | 124 | 147 | 94  | 82  | 12  | 76 | 24 | 29 |    | 47 | 18 | 35 | 35 | 6  |        | JUN 1     |  |  |
| JUN 11         |    |        | 6  |            | 11  | 45              | 130 | 153 | 90  | 96  | 68  | 107 | 51 | 11 | 45 | 51 | 28 | 34 | 17 | 28 | 6  | 23     | JUN 11    |  |  |
| JUN 21         |    |        | 5  | 11         | 27  | 109             | 153 | 98  | 120 | 115 | 82  | 87  | 55 | 27 | 16 | 5  | 22 | 16 | 11 | 27 |    | 11     | JUN 21    |  |  |
| JUL 1          |    |        | 6  | 6          | 79  | 129             | 191 | 135 | 129 | 112 | 73  | 45  | 17 | 22 | 11 | 11 |    | 6  | 17 | 6  |    | 6      | JUL 1     |  |  |
| JUL 11         |    |        |    | 5          | 98  | 155             | 175 | 206 | 124 | 88  | 41  | 36  | 36 | 5  | 5  |    | 5  | 5  | 10 |    |    | 5      | JUL 11    |  |  |
| JUL 21         |    |        | 5  | 70         | 163 | 153             | 195 | 121 | 121 | 84  | 28  | 33  | 5  | 9  |    | 5  |    | 5  |    |    |    | 5      | JUL 21    |  |  |
| AUG 1          |    |        | 5  | 67         | 211 | 170             | 175 | 129 | 93  | 21  | 21  | 31  | 21 | 5  | 5  |    | 10 | 5  | 15 | 5  |    | 10     | AUG 1     |  |  |
| AUG 11         |    |        | 11 | 86         | 141 | 114             | 178 | 124 | 76  | 49  | 32  | 43  | 32 | 11 | 16 | 16 | 11 | 11 | 27 | 11 |    | 11     | AUG 11    |  |  |
| AUG 21         |    |        | 10 | 59         | 133 | 153             | 123 | 108 | 64  | 69  | 54  | 64  | 34 | 39 | 20 | 15 | 10 |    | 15 | 5  |    | 25     | AUG 21    |  |  |
| SEP 1          |    |        |    | 33         | 60  | 141             | 239 | 223 | 92  | 49  | 38  | 27  | 22 | 11 |    | 16 | 11 | 22 |    | 11 |    | 5      | SEP 1     |  |  |
| SEP 11         |    |        | 6  | 25         | 75  | 63              | 132 | 145 | 88  | 57  | 75  | 38  | 44 | 50 | 31 | 25 | 13 | 31 | 31 | 25 |    | 44     | SEP 11    |  |  |
| SEP 21         |    |        |    | 19         | 19  | 103             | 128 | 141 | 90  | 83  | 122 | 64  | 38 | 38 | 26 | 32 | 6  | 19 | 19 | 13 |    | 38     | SEP 21    |  |  |
| OCT 1          |    |        |    | 20         | 20  | 132             | 119 | 139 | 86  | 73  | 66  | 13  | 60 | 33 | 46 | 46 | 13 | 40 | 20 | 46 |    | 26     | OCT 1     |  |  |
| MONTH          |    |        |    |            |     |                 |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |        | MONTH     |  |  |
| MAY            |    |        |    | 9          | 22  | 61              | 117 | 151 | 106 | 65  | 92  | 58  | 63 | 54 | 38 | 45 | 29 | 31 | 22 | 27 | 2  | 7      | MAY       |  |  |
| JUN            |    | 6      | 9  | 19         | 75  | 147             | 125 | 119 | 102 | 77  | 70  | 60  | 21 | 30 | 19 | 32 | 23 | 21 | 30 | 4  | 11 |        | JUN       |  |  |
| JUL            |    | 3      | 29 | 116        | 147 | 187             | 153 | 124 | 94  | 46  | 37  | 19  | 12 | 5  | 5  | 2  | 5  | 9  | 2  |    | 5  |        | JUL       |  |  |
| AUG            |    | 9      | 70 | 162        | 146 | 158             | 120 | 77  | 46  | 36  | 46  | 29  | 19 | 14 | 10 | 10 | 5  | 19 | 7  |    | 15 |        | AUG       |  |  |
| SEP            |    | 2      | 26 | 52         | 104 | 170             | 172 | 90  | 62  | 76  | 42  | 34  | 32 | 18 | 24 | 10 | 24 | 16 | 16 |    | 28 |        | SEP       |  |  |

Table 27—Windspeed (miles/hour) averages and frequencies, by wind direction, during fire season. Based on available years of record during 1964-83, at early or mid-afternoon observation time (see table 25 caption)

| PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS<br>-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
|----------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|
| STATION NUMBER 101039 CAMPBELLS FERRY 1964-1978                                                                                  |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| MONTH MAY                                                                                                                        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| WIND SPEED, MPH                                                                                                                  |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| DIR.                                                                                                                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | DIR.   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL |
| N. PCT                                                                                                                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |
| NE                                                                                                                               | 4      | 15     | 8      | 29     | 6      | 22     | 2      | 7     | 20     | 73     | 6.5    | 1      | 3      | 1      | 3      | 36    |
| E                                                                                                                                |        |        |        |        |        |        |        |       | 5      | 18     | 5.8    | 1      | 3      | 8      | 22     | 12    |
| SE                                                                                                                               |        |        |        |        |        |        |        |       | 1      | 4      | 7.0    | 1      | 3      | 8      | 22     | 5     |
| S                                                                                                                                |        |        |        |        |        |        |        |       | 9      | 33     | 6.3    | 1      | 3      | 8      | 22     | 20    |
| SW                                                                                                                               | 17     | 62     | 91     | 332    | 33     | 120    | 9      | 33    | 2      | 7      | 3      | 11     | 155    | 566    | 7.1    | 198   |
| W                                                                                                                                | 3      | 11     | 7      | 26     | 7      | 26     | 1      | 4     | 18     | 66     | 7.4    | 1      | 3      | 8      | 22     | 11    |
| NW                                                                                                                               |        |        |        |        |        |        |        |       | 2      | 7      | 7.5    | 1      | 3      | 8      | 22     | 5     |
| N                                                                                                                                | 5      | 18     | 31     | 113    | 23     | 84     | 2      | 7     | 63     | 230    | 7.7    | 1      | 3      | 8      | 22     | 81    |
| CLM                                                                                                                              | 1      | 4      |        |        |        |        |        |       | 1      | 4      | 0.0    | 1      | 3      |        |        | 1     |
| TOT                                                                                                                              | 30     | 109    | 152    | 554    | 71     | 259    | 14     | 51    | 4      | 15     | 3      | 11     | 274    | 7.2    | 60     | 163   |
| MONTH JUN                                                                                                                        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| WIND SPEED, MPH                                                                                                                  |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| DIR.                                                                                                                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | DIR.   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL |
| N. PCT                                                                                                                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |
| NE                                                                                                                               | 2      | 4      | 20     | 43     | 13     | 28     | 1      | 2     | 36     | 77     | 7.2    | 1      | 3      | 7      | 10     | 27    |
| E                                                                                                                                | 1      | 2      | 8      | 17     | 2      | 4      |        |       | 11     | 24     | 6.5    | 1      | 3      | 7      | 10     | 11    |
| SE                                                                                                                               |        |        |        |        |        |        |        |       | 2      | 4      | 10.5   | 1      | 3      | 7      | 10     | 2     |
| S                                                                                                                                | 2      | 4      | 16     | 34     | 2      | 4      | 3      | 6     | 25     | 54     | 8.1    | 1      | 3      | 7      | 10     | 31    |
| SW                                                                                                                               | 24     | 52     | 166    | 357    | 61     | 131    | 18     | 39    | 270    | 581    | 6.7    | 1      | 3      | 7      | 10     | 259   |
| W                                                                                                                                |        |        |        |        |        |        |        |       | 17     | 37     | 8.1    | 1      | 3      | 7      | 10     | 25    |
| NW                                                                                                                               | 1      | 2      | 1      | 2      | 4      | 9      |        |       | 6      | 13     | 7.2    | 1      | 3      | 7      | 10     | 8     |
| N                                                                                                                                | 4      | 9      | 43     | 92     | 41     | 88     | 10     | 22    | 98     | 211    | 8.2    | 1      | 3      | 7      | 10     | 98    |
| CLM                                                                                                                              |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| TOT                                                                                                                              | 34     | 73     | 263    | 566    | 131    | 282    | 34     | 73    | 465    | 7.2    | 36     | 78     | 225    | 488    | 149    | 7.8   |
| MONTH JUL                                                                                                                        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| WIND SPEED, MPH                                                                                                                  |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| DIR.                                                                                                                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | DIR.   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL |
| N. PCT                                                                                                                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |
| NE                                                                                                                               | 3      | 8      | 16     | 41     | 8      | 21     | 3      | 8     | 31     | 79     | 7.7    | 1      | 3      | 7      | 10     | 12    |
| E                                                                                                                                |        |        |        |        |        |        |        |       | 6      | 15     | 10.3   | 1      | 3      | 7      | 10     | 5     |
| SE                                                                                                                               |        |        |        |        |        |        |        |       | 1      | 3      | 12.0   | 1      | 3      | 7      | 10     | 1     |
| S                                                                                                                                | 6      | 15     | 13     | 33     | 4      | 10     | 1      | 3     | 25     | 64     | 6.8    | 1      | 3      | 7      | 10     | 8     |
| SW                                                                                                                               | 55     | 141    | 127    | 326    | 23     | 59     | 5      | 13    | 31     | 79     | 4.6    | 1      | 3      | 7      | 10     | 111   |
| W                                                                                                                                | 9      | 23     | 20     | 51     | 2      | 5      |        |       | 31     | 79     | 4.6    | 1      | 3      | 7      | 10     | 13    |
| NW                                                                                                                               | 6      | 15     | 3      | 8      |        |        |        |       | 9      | 23     | 3.4    | 1      | 3      | 7      | 10     | 7     |
| N                                                                                                                                | 5      | 13     | 35     | 90     | 27     | 69     | 4      | 10    | 72     | 185    | 7.6    | 1      | 3      | 7      | 10     | 35    |
| CLM                                                                                                                              | 3      | 8      |        |        |        |        |        |       | 3      | 8      | 0.0    | 1      | 3      | 7      | 10     | 37    |
| TOT                                                                                                                              | 87     | 223    | 216    | 554    | 67     | 172    | 15     | 38    | 3      | 8      | 2      | 5      | 390    | 6.0    | 150    | 655   |
| MONTH SEP                                                                                                                        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| WIND SPEED, MPH                                                                                                                  |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| DIR.                                                                                                                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | DIR.   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL |
| N. PCT                                                                                                                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |
| NE                                                                                                                               | 16     | 31     | 16     | 31     | 13     | 25     |        |       | 45     | 88     | 5.3    | 1      | 3      | 7      | 10     | 55    |
| E                                                                                                                                | 6      | 12     | 10     | 19     |        |        |        |       | 16     | 31     | 4.0    | 1      | 3      | 7      | 10     | 18    |
| SE                                                                                                                               | 3      | 6      | 5      | 10     |        |        |        |       | 8      | 16     | 4.3    | 1      | 3      | 7      | 10     | 14    |
| S                                                                                                                                | 8      | 16     | 15     | 29     | 10     | 19     | 1      | 2     | 34     | 66     | 6.1    | 1      | 3      | 7      | 10     | 38    |
| SW                                                                                                                               | 36     | 70     | 63     | 123    | 19     | 37     | 3      | 6     | 121    | 236    | 5.2    | 1      | 3      | 7      | 10     | 113   |
| W                                                                                                                                | 31     | 60     | 63     | 123    | 19     | 37     | 1      | 2     | 114    | 222    | 5.2    | 1      | 3      | 7      | 10     | 123   |
| NW                                                                                                                               | 23     | 45     | 34     | 66     | 13     | 25     |        |       | 70     | 136    | 4.9    | 1      | 3      | 7      | 10     | 73    |
| N                                                                                                                                | 22     | 43     | 38     | 74     | 8      | 16     | 1      | 2     | 69     | 135    | 4.8    | 1      | 3      | 7      | 10     | 58    |
| CLM                                                                                                                              | 36     | 70     |        |        |        |        |        |       | 36     | 70     | 0.0    | 1      | 3      | 7      | 10     | 24    |
| TOT                                                                                                                              | 181    | 353    | 244    | 476    | 82     | 160    | 6      | 12    | 513    | 4.8    | 195    | 378    | 240    | 465    | 70     | 136   |
| MONTH OCT                                                                                                                        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| WIND SPEED, MPH                                                                                                                  |        |        |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
| DIR.                                                                                                                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | DIR.   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL |
| N. PCT                                                                                                                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |
| NE                                                                                                                               | 14     | 40     | 10     | 29     | 3      | 9      |        |       | 27     | 78     | 3.9    | 1      | 3      | 7      | 10     | 27    |
| E                                                                                                                                | 6      | 17     | 5      | 14     | 1      | 3      |        |       | 12     | 34     | 3.9    | 1      | 3      | 7      | 10     | 12    |
| SE                                                                                                                               | 4      | 11     | 10     | 29     | 2      | 6      |        |       | 16     | 46     | 4.4    | 1      | 3      | 7      | 10     | 16    |
| S                                                                                                                                | 5      | 14     | 12     | 34     | 5      | 14     |        |       | 22     | 63     | 5.5    | 1      | 3      | 7      | 10     | 22    |
| SW                                                                                                                               | 37     | 106    | 53     | 152    | 13     | 37     | 1      | 3     | 104    | 299    | 4.7    | 1      | 3      | 7      | 10     | 88    |
| W                                                                                                                                | 43     | 124    | 36     | 103    | 9      | 26     |        |       | 88     | 253    | 4.1    | 1      | 3      | 7      | 10     | 33    |
| NW                                                                                                                               | 14     | 40     | 15     | 43     | 4      | 11     |        |       | 33     | 95     | 4.3    | 1      | 3      | 7      | 10     | 23    |
| N                                                                                                                                | 7      | 20     | 11     | 32     | 4      | 11     | 1      | 3     | 23     | 66     | 5.5    | 1      | 3      | 7      | 10     | 23    |
| CLM                                                                                                                              | 23     | 66     |        |        |        |        |        |       | 23     | 66     | 0.0    | 1      | 3      | 7      | 10     | 23    |
| TOT                                                                                                                              | 153    | 440    | 152    | 437    | 41     | 118    | 2      | 6     | 348    | 4.2    | 153    | 440    | 152    | 437    | 41     | 118   |

(con.)

Table 27 (Con.)

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101032 RED RIVER RS

1964-1983

| MONTH JUN       |        |        |        |        |        |        |        |       |     | MONTH JUL       |        |        |        |        |        |        |        |       |     |     |     |     |
|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-----|-----|-----|
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |     | WIND SPEED, MPH |        |        |        |        |        |        |        |       |     |     |     |     |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     |     |     |     |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |     | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |     |     |     |     |
| NE              | 24     | 53     |        | 1      | 2      |        | 26     | 58    | 1.2 | 23              | 38     | 2      | 3      |        | 1      | 2      |        | 26    | 43  | 1.7 |     |     |
| E               | 8      | 18     | 4      | 9      | 1      | 2      | 13     | 29    | 2.9 | 6               | 10     | 8      | 13     | 3      | 5      |        | 17     | 28    | 4.8 |     |     |     |
| SE              | 3      | 7      | 3      | 7      | 1      | 2      | 7      | 15    | 3.4 | 4               | 7      | 3      | 5      | 4      | 7      |        | 11     | 18    | 5.3 |     |     |     |
| S               | 9      | 20     | 5      | 11     | 1      | 2      | 15     | 33    | 3.8 | 11              | 18     | 20     | 33     | 8      | 13     |        | 39     | 64    | 5.2 |     |     |     |
| SW              | 39     | 86     | 14     | 31     | 5      | 11     | 61     | 135   | 4.0 | 22              | 36     | 30     | 49     | 12     | 20     | 2      | 66     | 108   | 5.3 |     |     |     |
| W               | 41     | 91     | 29     | 64     | 20     | 44     | 88     | 181   | 5.6 | 27              | 44     | 53     | 87     | 33     | 54     | 2      | 115    | 189   | 6.0 |     |     |     |
| NW              | 66     | 146    | 78     | 173    | 41     | 91     | 5      | 11    | 190 | 5.4             | 60     | 98     | 141    | 231    | 71     | 116    | 4      | 276   | 452 | 5.9 |     |     |
| N               | 8      | 18     | 8      | 18     | 3      | 7      | 19     | 42    | 4.3 | 8               | 13     | 18     | 30     | 8      | 13     |        | 34     | 56    | 5.6 |     |     |     |
| CLM             | 22     | 49     |        |        |        |        | 22     | 49    | 0.0 | 26              | 43     |        |        |        |        |        | 26     | 43    | 0.0 |     |     |     |
| TOT             | 220    | 487    | 141    | 312    | 73     | 162    | 16     | 35    | 2   | 4               | 452    | 4.6    | 187    | 307    | 275    | 451    | 139    | 228   | 9   | 15  | 610 | 5.3 |

| MONTH AUG       |        |        |        |        |        |        |        |       |     | MONTH SEP       |        |        |        |        |        |        |        |       |     |     |   |   |     |     |
|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-----|---|---|-----|-----|
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |     | WIND SPEED, MPH |        |        |        |        |        |        |        |       |     |     |   |   |     |     |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     |     |   |   |     |     |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |     | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |     |     |   |   |     |     |
| NE              | 12     | 20     | 7      | 11     | 1      | 2      | 20     | 33    | 2.5 | 17              | 34     | 7      | 14     |        |        |        | 24     | 48    | 2.0 |     |   |   |     |     |
| E               | 9      | 15     | 6      | 10     | 3      | 5      | 18     | 30    | 4.3 | 9               | 18     | 7      | 14     | 2      | 4      |        | 18     | 36    | 3.9 |     |   |   |     |     |
| SE              | 3      | 5      | 13     | 21     | 5      | 8      | 23     | 38    | 6.8 | 6               | 12     | 3      | 6      | 5      | 10     | 3      | 17     | 34    | 7.1 |     |   |   |     |     |
| S               | 14     | 23     | 21     | 34     | 9      | 15     | 45     | 74    | 5.3 | 16              | 32     | 16     | 32     | 5      | 10     | 1      | 38     | 75    | 4.7 |     |   |   |     |     |
| SW              | 14     | 23     | 31     | 51     | 7      | 11     | 53     | 87    | 5.4 | 27              | 53     | 26     | 51     | 12     | 24     |        | 65     | 129   | 4.5 |     |   |   |     |     |
| W               | 35     | 57     | 67     | 110    | 40     | 66     | 2      | 3     | 144 | 5.8             | 22     | 44     | 46     | 91     | 17     | 34     | 1      | 86    | 170 | 5.4 |   |   |     |     |
| NW              | 60     | 98     | 111    | 182    | 75     | 123    | 7      | 11    | 1   | 2               | 63     | 125    | 81     | 160    | 40     | 79     | 7      | 193   | 382 | 5.7 |   |   |     |     |
| N               | 12     | 20     | 8      | 13     | 12     | 20     | 32     | 52    | 5.5 | 1               | 2      | 4      | 8      |        |        | 2      | 32     | 63    | 4.8 |     |   |   |     |     |
| CLM             | 21     | 34     |        |        |        |        | 21     | 34    | 0.0 | 32              | 63     |        |        |        |        | 1      | 32     | 63    | 0.0 |     |   |   |     |     |
| TOT             | 180    | 295    | 264    | 433    | 152    | 249    | 13     | 21    | 1   | 2               | 610    | 5.6    | 204    | 404    | 201    | 398    | 85     | 168   | 12  | 24  | 3 | 6 | 505 | 4.8 |

STATION NUMBER 101032 RED RIVER RS

1951-1970

| MONTH JUN       |        |        |        |        |        |        |        |       |     | MONTH JUL       |        |        |        |        |        |        |        |       |     |     |   |   |     |     |
|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-----|---|---|-----|-----|
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |     | WIND SPEED, MPH |        |        |        |        |        |        |        |       |     |     |   |   |     |     |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     |     |   |   |     |     |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |     | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |     |     |   |   |     |     |
| NE              | 9      | 18     | 8      | 16     |        | 1      | 2      | 18    | 35  | 4.1             | 4      | 7      | 9      | 15     | 2      | 3      | 1      | 2     | 1   | 2   |   |   |     |     |
| E               | 4      | 8      | 10     | 20     | 1      | 2      | 15     | 29    | 4.6 | 3               | 5      | 8      | 13     | 4      | 7      |        | 15     | 25    | 5.5 |     |   |   |     |     |
| SE              | 4      | 8      | 3      | 6      | 1      | 2      | 8      | 16    | 3.5 | 4               | 7      | 4      | 7      | 4      | 7      |        | 12     | 20    | 5.2 |     |   |   |     |     |
| S               | 3      | 6      | 4      | 8      | 1      | 2      | 8      | 16    | 4.8 | 4               | 7      | 9      | 15     | 3      | 5      |        | 16     | 26    | 5.3 |     |   |   |     |     |
| SW              | 10     | 20     | 3      | 6      | 4      | 8      | 2      | 4     | 1   | 2               | 8      | 13     | 10     | 16     | 7      | 12     | 1      | 2     | 26  | 43  |   |   |     |     |
| W               | 28     | 55     | 34     | 66     | 24     | 47     | 4      | 8     | 90  | 5.8             | 20     | 33     | 54     | 89     | 40     | 66     | 4      | 7     | 118 | 194 |   |   |     |     |
| NW              | 92     | 180    | 112    | 219    | 51     | 100    | 5      | 10    | 260 | 5.3             | 49     | 81     | 147    | 242    | 96     | 158    | 7      | 12    | 299 | 493 |   |   |     |     |
| N               | 19     | 37     | 41     | 80     | 22     | 43     | 2      | 4     | 84  | 5.7             | 16     | 26     | 48     | 79     | 36     | 59     | 1      | 2     | 1   | 2   |   |   |     |     |
| CLM             | 9      | 18     |        |        |        |        | 9      | 18    | 0.0 | 1               | 2      | 3      |        |        |        |        | 2      | 3     | 0.0 |     |   |   |     |     |
| TOT             | 178    | 348    | 215    | 420    | 104    | 203    | 14     | 27    | 1   | 2               | 512    | 5.3    | 110    | 181    | 289    | 476    | 192    | 316   | 14  | 23  | 2 | 3 | 607 | 6.4 |

| MONTH AUG       |        |        |        |        |        |        |        |       |     | MONTH SEP       |        |        |        |        |        |        |        |       |     |     |     |     |     |     |
|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-----|-----|-----|-----|-----|
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |     | WIND SPEED, MPH |        |        |        |        |        |        |        |       |     |     |     |     |     |     |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     |     |     |     |     |     |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |     | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |     |     |     |     |     |     |
| NE              | 1      | 2      | 4      | 7      | 2      | 3      | 7      | 11    | 6.4 | 3               | 7      | 2      | 5      |        |        | 1      | 2      | 6     | 14  | 5.3 |     |     |     |     |
| E               |        |        | 2      | 3      | 3      | 5      | 5      | 8     | 7.4 | 2               | 5      | 4      | 10     | 1      | 2      |        | 7      | 17    | 5.3 |     |     |     |     |     |
| SE              | 2      | 3      | 10     | 16     | 5      | 8      | 2      | 3     | 19  | 31              | 7.2    | 5      | 12     | 5      | 12     | 2      | 5      | 1     | 2   | 13  | 31  | 5.4 |     |     |
| S               | 9      | 15     | 11     | 18     | 6      | 10     | 26     | 43    | 5.4 | 11              | 26     | 7      | 17     | 3      | 7      |        | 21     | 50    | 3.7 |     |     |     |     |     |
| SW              | 3      | 5      | 9      | 15     | 8      | 13     | 20     | 33    | 6.8 | 13              | 31     | 12     | 29     | 4      | 10     |        | 29     | 69    | 4.2 |     |     |     |     |     |
| W               | 19     | 31     | 61     | 100    | 35     | 57     | 3      | 5     | 1   | 2               | 15     | 36     | 35     | 83     | 15     | 36     | 2      | 5     | 67  | 159 | 5.7 |     |     |     |
| NW              | 39     | 64     | 153    | 250    | 101    | 165    | 10     | 16    | 1   | 2               | 61     | 145    | 90     | 214    | 45     | 107    | 6      | 14    | 3   | 7   | 205 | 487 | 5.8 |     |
| N               | 23     | 38     | 40     | 65     | 44     | 72     | 3      | 5     | 110 | 6.5             | 16     | 38     | 31     | 74     | 20     | 48     | 1      | 2     | 68  | 162 | 5.9 |     |     |     |
| CLM             | 1      | 2      |        |        |        |        | 1      | 2     | 0.0 | 1               | 5      | 12     |        |        |        |        | 5      | 12    | 0.0 |     |     |     |     |     |
| TOT             | 97     | 159    | 290    | 475    | 204    | 334    | 18     | 29    | 2   | 3               | 611    | 6.6    | 131    | 311    | 186    | 442    | 90     | 214   | 11  | 26  | 3   | 7   | 421 | 5.5 |

(con.)

Table 27 (Con.)

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 101033 RIGGINS RS |        |        |        |        |        |        |        |       |   |        |        |        |        |        |        |        | 1964-1983        |     |        |        |        |        |        |        |        |       |      |     |     |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|---|--------|--------|--------|--------|--------|--------|--------|------------------|-----|--------|--------|--------|--------|--------|--------|--------|-------|------|-----|-----|
| MONTH MAY<br>---                 |        |        |        |        |        |        |        |       |   |        |        |        |        |        |        |        | MONTH JUN<br>--- |     |        |        |        |        |        |        |        |       |      |     |     |
| WIND SPEED, MPH                  |        |        |        |        |        |        |        |       |   |        |        |        |        |        |        |        | WIND SPEED, MPH  |     |        |        |        |        |        |        |        |       |      |     |     |
| DIR.                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG              | I   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I    |     |     |
| N. PCT                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED            | I   | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I    |     |     |
| NE                               | 38     | 79     | 95     | 197    | 70     | 145    | 10     | 21    |   | 213    | 441    | 6.5    | I      | 32     | 64     | 95     | 190              | 91  | 182    | 11     | 22     |        |        |        | 229    | 457   | 6.9  |     |     |
| E                                | 4      | 8      | 9      | 19     | 4      | 8      |        |       |   | 17     | 35     | 5.6    | I      | 5      | 10     | 14     | 28               | 6   | 12     |        |        |        |        |        | 25     | 50    | 5.4  |     |     |
| SE                               | 1      | 2      | 3      | 6      | 1      | 2      |        |       |   | 5      | 10     | 5.8    | I      | 1      | 2      | 4      | 8                | 1   | 2      | 1      | 2      |        |        |        | 7      | 14    | 6.7  |     |     |
| S                                | 8      | 17     | 15     | 31     | 9      | 19     | 6      | 12    | 1 | 2      |        |        |        |        |        |        |                  |     |        |        |        |        |        |        | 30     | 60    | 7.9  |     |     |
| SW                               | 5      | 10     | 16     | 33     | 11     | 23     | 2      | 4     | 1 | 2      | 1      | 2      |        |        |        |        |                  |     |        |        |        |        |        |        | 55     | 110   | 7.9  |     |     |
| W                                | 1      | 2      | 2      | 4      | 1      | 2      |        |       |   | 4      | 8      | 5.3    | I      |        |        |        |                  |     |        |        |        |        |        |        |        |       |      |     |     |
| NW                               |        |        | 2      | 4      | 1      | 2      |        |       |   | 3      | 6      | 6.3    | I      |        |        | 2      | 4                |     |        |        |        |        |        |        | 2      | 4     | 6.0  |     |     |
| N                                | 32     | 66     | 65     | 135    | 50     | 104    | 10     | 21    |   | 157    | 325    | 6.7    | I      | 27     | 54     | 49     | 98               | 63  | 126    | 8      | 16     |        |        | 1      | 2      | 148   | 295  | 7.3 |     |
| CLM                              | 9      | 19     |        |        |        |        |        |       |   | 9      | 19     | 0.0    | I      | 5      | 10     |        |                  |     |        |        |        |        |        |        | 5      | 10    | 0.0  |     |     |
| TOT                              | 98     | 203    | 207    | 429    | 147    | 304    | 28     | 58    | 2 | 4      | 1      | 2      | 483    | 6.6    | I      | 85     | 170              | 187 | 373    | 194    | 387    | 33     | 66     | 1      | 2      | 1     | 2    | 501 | 7.0 |
| MONTH JUL<br>---                 |        |        |        |        |        |        |        |       |   |        |        |        |        |        |        |        | MONTH AUG<br>--- |     |        |        |        |        |        |        |        |       |      |     |     |
| WIND SPEED, MPH                  |        |        |        |        |        |        |        |       |   |        |        |        |        |        |        |        | WIND SPEED, MPH  |     |        |        |        |        |        |        |        |       |      |     |     |
| DIR.                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG              | I   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I    |     |     |
| N. PCT                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED            | I   | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I    |     |     |
| NE                               | 40     | 76     | 113    | 214    | 161    | 304    | 20     | 38    |   | 334    | 631    | 7.6    | I      | 71     | 134    | 128    | 242              | 97  | 184    | 13     | 25     |        |        |        | 309    | 585   | 6.4  |     |     |
| E                                | 4      | 8      | 10     | 19     | 2      | 4      |        |       |   | 16     | 30     | 5.4    | I      | 7      | 13     | 13     | 25               | 7   | 13     |        |        |        |        |        | 27     | 51    | 5.6  |     |     |
| SE                               |        |        | 4      | 8      | 2      | 4      |        |       |   | 6      | 11     | 6.2    | I      |        |        | 2      | 4                | 1   | 2      |        |        |        |        |        | 3      | 6     | 6.0  |     |     |
| S                                | 8      | 15     | 6      | 11     | 6      | 11     | 7      | 13    |   | 27     | 51     | 7.7    | I      | 2      | 4      | 11     | 21               | 17  | 32     | 4      | 8      |        |        |        | 34     | 64    | 8.9  |     |     |
| SW                               | 2      | 4      | 14     | 26     | 19     | 36     |        |       |   | 35     | 66     | 7.9    | I      | 7      | 13     | 22     | 42               | 25  | 47     | 9      | 17     | 1      | 2      | 1      | 2      | 65    | 123  | 8.5 |     |
| W                                |        |        | 1      | 2      | 1      | 2      |        |       |   | 2      | 4      | 6.5    | I      |        |        |        |                  | 2   | 4      |        |        |        |        |        | 2      | 4     | 10.0 |     |     |
| NW                               |        |        |        |        |        |        |        |       |   |        |        |        |        |        |        |        |                  |     |        |        |        |        |        |        |        | 4     | 8    | 6.3 |     |
| N                                | 17     | 32     | 30     | 57     | 42     | 79     | 13     | 25    |   | 102    | 193    | 8.0    | I      | 8      | 15     | 26     | 49               | 35  | 66     | 4      | 8      | 1      | 2      |        | 74     | 140   | 8.1  |     |     |
| CLM                              | 7      | 13     |        |        |        |        |        |       |   | 7      | 13     | 0.0    | I      | 10     | 19     |        |                  |     |        |        |        |        |        |        | 10     | 19    | 0.0  |     |     |
| TOT                              | 78     | 147    | 178    | 336    | 233    | 440    | 40     | 76    |   | 529    | 7.5    | I      | 106    | 201    | 203    | 384    | 186              | 352 | 30     | 57     | 2      | 4      | 1      | 2      | 528    | 6.9   |      |     |     |
| MONTH SEP<br>---                 |        |        |        |        |        |        |        |       |   |        |        |        |        |        |        |        | MONTH OCT<br>--- |     |        |        |        |        |        |        |        |       |      |     |     |
| WIND SPEED, MPH                  |        |        |        |        |        |        |        |       |   |        |        |        |        |        |        |        | WIND SPEED, MPH  |     |        |        |        |        |        |        |        |       |      |     |     |
| DIR.                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG              | I   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I    |     |     |
| N. PCT                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED            | I   | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I    |     |     |
| NE                               | 73     | 153    | 133    | 278    | 64     | 134    | 5      | 10    |   | 275    | 575    | 5.5    | I      | 48     | 119    | 84     | 208              | 25  | 62     | 2      | 5      | 1      | 2      |        | 160    | 396   | 5.0  |     |     |
| E                                | 5      | 10     | 12     | 25     | 6      | 13     |        |       |   | 23     | 48     | 5.7    | I      | 2      | 5      | 15     | 37               | 4   | 10     |        |        |        |        |        | 21     | 52    | 5.5  |     |     |
| SE                               | 1      | 2      | 2      | 4      | 1      | 2      |        |       |   | 5      | 10     | 8.8    | I      | 3      | 7      | 2      | 5                |     |        |        |        |        |        |        | 5      | 12    | 3.2  |     |     |
| S                                | 6      | 13     | 4      | 8      | 7      | 15     | 7      | 15    | 1 | 2      |        |        |        |        |        |        |                  |     |        |        |        |        |        |        | 32     | 79    | 7.8  |     |     |
| SW                               | 12     | 25     | 9      | 19     | 14     | 29     | 7      | 15    |   | 42     | 88     | 7.1    | I      | 5      | 12     | 7      | 17               | 4   | 10     |        |        |        |        |        | 22     | 54    | 8.3  |     |     |
| W                                |        |        | 1      | 2      |        |        |        |       |   | 1      | 2      | 7.0    | I      |        |        | 2      | 5                |     |        |        |        |        |        |        | 3      | 7     | 7.7  |     |     |
| NW                               | 3      | 6      | 2      | 4      |        |        |        |       |   | 5      | 10     | 3.4    | I      |        |        |        |                  |     |        |        |        |        |        |        |        |       |      |     |     |
| N                                | 20     | 42     | 30     | 63     | 38     | 79     | 2      | 4     | 1 | 2      |        |        |        |        |        |        |                  |     |        |        |        |        |        |        | 137    | 339   | 6.6  |     |     |
| CLM                              | 11     | 23     |        |        |        |        |        |       |   | 11     | 23     | 0.0    | I      | 24     | 59     |        |                  |     |        |        |        |        |        |        | 24     | 59    | 0.0  |     |     |
| TOT                              | 131    | 274    | 193    | 404    | 130    | 272    | 21     | 44    | 3 | 6      |        |        |        |        |        |        |                  |     |        |        |        |        |        |        | 404    | 5.7   |      |     |     |

(con.)

Table 27 (Con.)

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101033 RIGGINS RS

1951-1970

| MONTH MAY       |     |     |      |       |       |     |       |     |    |     |     |      |       |       |     | MONTH JUN       |     |      |     |     |      |       |       |     |       |     |     |   |     |     |     |      |
|-----------------|-----|-----|------|-------|-------|-----|-------|-----|----|-----|-----|------|-------|-------|-----|-----------------|-----|------|-----|-----|------|-------|-------|-----|-------|-----|-----|---|-----|-----|-----|------|
| WIND SPEED, MPH |     |     |      |       |       |     |       |     |    |     |     |      |       |       |     | WIND SPEED, MPH |     |      |     |     |      |       |       |     |       |     |     |   |     |     |     |      |
| DIR.            | 0-3 | 4-7 | 8-12 | 13-18 | 19-24 | >24 | TOTAL | AVG | I  | 0-3 | 4-7 | 8-12 | 13-18 | 19-24 | >24 | TOTAL           | AVG | I    | 0-3 | 4-7 | 8-12 | 13-18 | 19-24 | >24 | TOTAL | AVG | I   |   |     |     |     |      |
| NE              | 11  | 58  | 20   | 105   | 24    | 126 | 8     | 42  | 1  | 5   |     |      |       |       |     | 64              | 337 | 7.7  | I   | 20  | 44   | 38    | 84    | 75  | 166   | 25  | 55  |   |     | 158 | 349 | 8.4  |
| E               |     |     | 3    | 16    | 3     | 16  |       |     | 1  | 5   |     |      |       |       |     | 7               | 37  | 8.9  | I   | 2   | 4    | 9     | 20    | 15  | 33    | 10  | 22  |   |     | 36  | 79  | 9.7  |
| SE              | 1   | 5   | 1    | 5     | 2     | 11  |       |     |    |     |     |      |       |       |     | 4               | 21  | 6.3  | I   | 1   | 2    | 2     | 4     | 1   | 2     | 2   | 4   |   |     | 6   | 13  | 8.7  |
| S               | 6   | 32  | 6    | 32    | 2     | 11  |       |     |    |     |     |      |       | 1     | 5   | 15              | 79  | 5.7  | I   | 5   | 11   | 13    | 29    | 11  | 24    | 4   | 9   |   |     | 33  | 73  | 7.6  |
| SW              | 2   | 11  | 4    | 21    | 4     | 21  | 1     | 5   | 2  | 11  |     |      |       |       |     | 13              | 68  | 8.8  | I   | 5   | 11   | 13    | 29    | 11  | 24    |     |     |   |     | 29  | 64  | 6.6  |
| W               | 1   | 5   | 1    | 5     | 1     | 5   |       |     |    |     |     |      |       |       |     | 3               | 16  | 5.7  | I   | 3   | 7    | 6     | 13    | 7   | 15    | 2   | 4   |   |     | 18  | 40  | 7.6  |
| NW              |     |     |      |       | 1     | 5   |       |     |    |     |     |      |       |       |     | 1               | 5   | 8.0  | I   |     |      | 4     | 9     | 5   | 11    | 2   | 4   |   |     | 11  | 24  | 9.5  |
| N               | 15  | 79  | 13   | 68    | 33    | 174 | 9     | 47  |    |     |     |      |       |       |     | 70              | 368 | 8.0  | I   | 17  | 38   | 39    | 86    | 72  | 159   | 9   | 20  | 1 | 2   | 138 | 305 | 7.9  |
| CLM             | 13  | 68  |      |       |       |     |       |     |    |     |     |      |       |       |     | 13              | 68  | 0.0  | I   | 24  | 53   |       |       |     |       |     |     |   |     | 24  | 53  | 0.0  |
| TOT             | 49  | 258 | 48   | 253   | 70    | 368 | 18    | 95  | 5  | 26  |     |      |       |       |     | 190             |     | 7.2  | I   | 77  | 170  | 124   | 274   | 197 | 435   | 54  | 119 | 1 | 2   | 453 |     | 7.7  |
| MONTH JUL       |     |     |      |       |       |     |       |     |    |     |     |      |       |       |     | MONTH AUG       |     |      |     |     |      |       |       |     |       |     |     |   |     |     |     |      |
| WIND SPEED, MPH |     |     |      |       |       |     |       |     |    |     |     |      |       |       |     | WIND SPEED, MPH |     |      |     |     |      |       |       |     |       |     |     |   |     |     |     |      |
| DIR.            | 0-3 | 4-7 | 8-12 | 13-18 | 19-24 | >24 | TOTAL | AVG | I  | 0-3 | 4-7 | 8-12 | 13-18 | 19-24 | >24 | TOTAL           | AVG | I    | 0-3 | 4-7 | 8-12 | 13-18 | 19-24 | >24 | TOTAL | AVG | I   |   |     |     |     |      |
| NE              | 8   | 15  | 51   | 97    | 134   | 255 | 47    | 90  | 4  | 8   | 1   | 2    | 245   | 467   | 9.9 | I               | 15  | 29   | 73  | 140 | 109  | 208   | 45    | 86  | 8     | 15  |     |   | 250 | 478 | 9.4 |      |
| E               |     |     | 5    | 10    | 20    | 38  | 8     | 15  |    |     |     |      |       |       |     | 33              | 63  | 10.5 | I   | 4   | 8    | 4     | 8     | 11  | 21    | 4   | 8   |   |     | 23  | 44  | 8.5  |
| SE              | 1   | 2   | 1    | 2     | 3     | 6   | 1     | 2   |    |     |     |      |       |       |     | 6               | 11  | 8.2  | I   |     |      | 2     | 4     |     |       |     |     |   | 2   | 4   | 9.5 |      |
| S               | 3   | 6   | 8    | 15    | 13    | 25  | 1     | 2   | 1  | 2   |     |      |       |       |     | 26              | 50  | 8.4  | I   | 2   | 4    | 10    | 19    | 18  | 34    | 6   | 11  | 1 | 2   | 37  | 71  | 9.6  |
| SW              | 3   | 6   | 16   | 30    | 14    | 27  | 6     | 11  | 1  | 2   |     |      |       |       |     | 40              | 76  | 8.6  | I   | 3   | 6    | 16    | 31    | 14  | 27    | 6   | 11  |   |     | 39  | 75  | 8.4  |
| W               | 1   | 2   | 4    | 8     | 4     | 8   | 1     | 2   | 1  | 2   | 1   | 2    | 1     | 2     | 1   | 12              | 23  | 10.6 | I   |     |      | 1     | 2     | 5   | 10    | 1   | 2   | 1 | 2   | 8   | 15  | 11.5 |
| NW              |     |     | 5    | 10    | 5     | 10  |       |     |    |     |     |      |       |       |     | 10              | 19  | 8.0  | I   | 1   | 2    | 6     | 11    | 1   | 2     | 1   | 2   |   |     | 9   | 17  | 6.9  |
| N               | 6   | 11  | 34   | 65    | 76    | 145 | 27    | 51  | 1  | 2   | 3   | 6    | 147   | 280   | 9.8 | I               | 12  | 23   | 42  | 80  | 70   | 134   | 21    | 40  | 5     | 10  |     |   | 150 | 287 | 9.1 |      |
| CLM             | 6   | 11  |      |       |       |     |       |     |    |     |     |      |       |       |     | 6               | 11  | 0.0  | I   | 5   | 10   |       |       |     |       |     |     |   | 5   | 10  | 0.0 |      |
| TOT             | 28  | 53  | 124  | 236   | 269   | 512 | 91    | 173 | 8  | 15  | 5   | 10   | 525   |       |     | 9.6             | I   | 42   | 80  | 152 | 291  | 230   | 440   | 84  | 161   | 15  | 29  |   |     | 523 |     | 9.1  |
| MONTH SEP       |     |     |      |       |       |     |       |     |    |     |     |      |       |       |     | MONTH OCT       |     |      |     |     |      |       |       |     |       |     |     |   |     |     |     |      |
| WIND SPEED, MPH |     |     |      |       |       |     |       |     |    |     |     |      |       |       |     | WIND SPEED, MPH |     |      |     |     |      |       |       |     |       |     |     |   |     |     |     |      |
| DIR.            | 0-3 | 4-7 | 8-12 | 13-18 | 19-24 | >24 | TOTAL | AVG | I  | 0-3 | 4-7 | 8-12 | 13-18 | 19-24 | >24 | TOTAL           | AVG | I    | 0-3 | 4-7 | 8-12 | 13-18 | 19-24 | >24 | TOTAL | AVG | I   |   |     |     |     |      |
| NE              | 17  | 38  | 56   | 126   | 68    | 153 | 20    | 45  | 8  | 18  | 1   | 2    | 170   | 382   | 8.7 | I               | 1   | 3    | 19  | 66  | 13   | 45    | 3     | 10  |       |     |     |   | 36  | 125 | 7.8 |      |
| E               |     |     | 10   | 22    | 8     | 18  | 2     | 4   | 1  | 2   |     |      |       |       |     | 21              | 47  | 8.4  | I   | 1   | 3    | 4     | 14    |     |       |     |     |   | 5   | 17  | 4.4 |      |
| SE              |     |     | 5    | 11    | 6     | 13  |       |     | 1  | 2   |     |      |       |       |     | 12              | 27  | 8.1  | I   | 1   | 3    | 2     | 7     | 1   | 3     |     |     |   | 4   | 14  | 5.8 |      |
| S               | 7   | 16  | 10   | 22    | 16    | 36  | 9     | 20  |    |     |     |      |       |       |     | 42              | 94  | 8.5  | I   | 9   | 31   | 20    | 69    | 7   | 24    | 6   | 21  | 3 | 10  | 45  | 156 | 7.7  |
| SW              | 7   | 16  | 12   | 27    | 9     | 20  | 8     | 18  |    |     |     |      |       |       |     | 36              | 81  | 7.8  | I   | 6   | 21   | 11    | 38    | 1   | 3     |     |     | 1 | 3   | 19  | 66  | 5.8  |
| W               | 1   | 2   | 2    | 4     | 4     | 9   | 3     | 7   |    |     |     |      |       |       |     | 10              | 22  | 10.1 | I   | 4   | 14   | 3     | 10    | 4   | 14    | 2   | 7   |   |     | 13  | 45  | 7.2  |
| NW              |     |     | 2    | 4     | 1     | 2   |       |     |    |     |     |      |       |       |     | 3               | 7   | 7.3  | I   |     |      | 1     | 3     |     |       |     |     |   | 1   | 3   | 4.0 |      |
| N               | 19  | 43  | 56   | 126   | 58    | 130 | 9     | 20  | 1  | 2   |     |      |       |       |     | 143             | 321 | 7.5  | I   | 30  | 104  | 51    | 177   | 57  | 198   | 7   | 24  |   |     | 145 | 303 | 6.7  |
| CLM             | 8   | 18  |      |       |       |     |       |     |    |     |     |      |       |       |     | 8               | 18  | 0.0  | I   | 20  | 69   |       |       |     |       |     |     |   | 20  | 69  | 0.0 |      |
| TOT             | 59  | 133 | 153  | 344   | 170   | 382 | 51    | 115 | 11 | 25  | 1   | 2    | 445   |       |     | 8.0             | I   | 72   | 250 | 111 | 385  | 83    | 288   | 18  | 63    | 3   | 10  | 1 | 3   | 288 |     | 6.4  |

(con.)

Table 27 (Con.)

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101019 HELLS HALF ACRE LO

1964-1983

| MONTH JUL       |        |        |        |        |        |        |        |       |        |        |        |        |        | MONTH AUG       |        |       |     |     |    |     |   |    |     |     |     |     |      |
|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-----------------|--------|-------|-----|-----|----|-----|---|----|-----|-----|-----|-----|------|
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |        |        |        |        |        | WIND SPEED, MPH |        |       |     |     |    |     |   |    |     |     |     |     |      |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24             | TOTAL  | AVG   |     |     |    |     |   |    |     |     |     |     |      |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT          | N. PCT | SPEED |     |     |    |     |   |    |     |     |     |     |      |
| NE              | 26     | 48     | 70     | 129    | 32     | 59     | 1      | 2     | 130    | 240    | 5.8    | I      | 30     | 54              | 77     | 138   | 33  | 59  | 6  | 11  |   |    | 146 | 261 | 5.9 |     |      |
| E               | 6      | 11     | 11     | 20     | 2      | 4      | 1      | 2     | 20     | 37     | 5.6    | I      | 3      | 5               | 12     | 21    | 1   | 2   | 2  | 4   |   |    | 1   | 2   | 19  | 34  | 7.2  |
| SE              | 1      | 2      | 4      | 7      | 2      | 4      | 1      | 2     | 9      | 17     | 8.9    | I      |        |                 | 3      | 5     | 4   | 7   | 3  | 5   |   |    |     |     | 10  | 18  | 10.7 |
| S               | 3      | 6      | 4      | 7      | 6      | 11     | 2      | 4     | 16     | 30     | 8.9    | I      | 1      | 2               | 7      | 13    | 4   | 7   | 1  | 2   |   |    |     |     | 13  | 23  | 7.3  |
| SW              | 28     | 52     | 71     | 131    | 57     | 105    | 14     | 26    | 171    | 315    | 7.1    | I      | 25     | 45              | 66     | 118   | 57  | 102 | 23 | 41  | 5 | 9  | 1   | 2   | 177 | 316 | 8.0  |
| W               | 17     | 31     | 39     | 72     | 36     | 66     | 11     | 20    | 104    | 192    | 7.6    | I      | 11     | 20              | 28     | 50    | 29  | 52  | 15 | 27  | 3 | 5  | 1   | 2   | 87  | 155 | 8.8  |
| NW              | 6      | 11     | 11     | 20     | 6      | 11     | 1      | 2     | 24     | 44     | 6.0    | I      | 4      | 7               | 7      | 13    | 13  | 23  | 4  | 7   | 1 | 2  |     |     | 29  | 52  | 9.2  |
| N               | 9      | 17     | 33     | 61     | 21     | 39     | 3      | 6     | 67     | 124    | 6.9    | I      | 6      | 11              | 33     | 59    | 36  | 64  | 4  | 7   |   |    |     |     | 79  | 141 | 7.6  |
| CLM             | 1      | 2      |        |        |        |        |        |       | 1      | 2      | 0.0    | I      |        |                 |        |       |     |     |    |     |   |    |     |     |     |     |      |
| TOT             | 97     | 179    | 243    | 448    | 162    | 299    | 34     | 63    | 6      | 11     | 6.8    | I      | 80     | 143             | 233    | 416   | 177 | 316 | 58 | 104 | 9 | 16 | 3   | 5   | 560 |     | 7.6  |

STATION NUMBER 101019 HELLS HALF 12 LO

1954-1970

| MONTH JUL       |    |     |     |      |     |       |    |       |    | MONTH AUG       |    |       |     |     |       |      |    |     |     |      |     |       |    |       |    |     |    |       |     |     |       |
|-----------------|----|-----|-----|------|-----|-------|----|-------|----|-----------------|----|-------|-----|-----|-------|------|----|-----|-----|------|-----|-------|----|-------|----|-----|----|-------|-----|-----|-------|
| WIND SPEED, MPH |    |     |     |      |     |       |    |       |    | WIND SPEED, MPH |    |       |     |     |       |      |    |     |     |      |     |       |    |       |    |     |    |       |     |     |       |
| 0-3             |    | 4-7 |     | 8-12 |     | 13-18 |    | 19-24 |    | >24             |    | TOTAL |     | AVG |       | 0-3  |    | 4-7 |     | 8-12 |     | 13-18 |    | 19-24 |    | >24 |    | TOTAL |     | AVG |       |
| DIR.            | N. | PCT | N.  | PCT  | N.  | PCT   | N. | PCT   | N. | PCT             | N. | PCT   | N.  | PCT | SPEED | DIR. | N. | PCT | N.  | PCT  | N.  | PCT   | N. | PCT   | N. | PCT | N. | PCT   | N.  | PCT | SPEED |
| NE              |    |     | 22  | 49   | 20  | 45    | 1  | 2     |    |                 |    |       | 43  | 96  | 7.6   | I    | 1  | 2   | 24  | 51   | 19  | 40    | 3  | 6     | 1  | 2   |    |       | 48  | 101 | 7.8   |
| E               |    |     | 9   | 20   | 1   | 2     | 2  | 4     |    |                 |    |       | 12  | 27  | 8.2   | I    |    |     | 4   | 8    |     |       | 3  | 6     | 1  | 2   | 1  | 2     | 9   | 19  | 14.2  |
| SE              |    |     | 5   | 7    | 3   | 7     |    |       | 2  | 4               |    |       | 8   | 18  | 10.4  | I    |    |     | 2   | 4    | 2   | 4     |    |       | 1  | 2   |    |       | 5   | 11  | 9.6   |
| S               | 3  | 7   | 3   | 7    | 5   | 11    | 5  | 11    | 1  | 2               |    |       | 17  | 38  | 10.5  | I    |    |     | 2   | 4    | 3   | 6     | 1  | 2     |    |     |    |       | 6   | 13  | 9.2   |
| SW              | 8  | 18  | 41  | 91   | 60  | 134   | 17 | 38    | 4  | 9               | 2  | 4     | 132 | 294 | 9.4   | I    | 6  | 13  | 28  | 59   | 56  | 118   | 27 | 57    | 8  | 17  | 1  | 2     | 126 | 266 | 10.5  |
| W               | 3  | 7   | 20  | 45   | 39  | 87    | 12 | 27    | 3  | 7               |    |       | 77  | 171 | 9.9   | I    | 2  | 4   | 16  | 34   | 41  | 87    | 18 | 38    | 4  | 8   | 1  | 2     | 82  | 173 | 10.5  |
| NW              | 2  | 4   | 27  | 60   | 46  | 102   | 8  | 18    | 1  | 2               |    |       | 84  | 187 | 8.8   | I    | 7  | 15  | 41  | 87   | 56  | 118   | 24 | 51    |    |     |    |       | 128 | 271 | 8.9   |
| N               | 4  | 9   | 34  | 76   | 35  | 78    | 2  | 4     | 1  | 2               |    |       | 76  | 169 | 8.0   | I    | 4  | 8   | 28  | 59   | 31  | 66    | 4  | 8     | 1  | 2   |    |       | 68  | 144 | 8.0   |
| CLM             |    |     |     |      |     |       |    |       |    |                 |    |       |     |     |       | I    | 1  | 2   |     |      |     |       |    |       |    |     |    |       | 1   | 2   | 0.0   |
| TOT             | 20 | 45  | 159 | 354  | 209 | 465   | 47 | 105   | 12 | 27              | 2  | 4     | 449 |     | 9.0   | I    | 21 | 44  | 145 | 307  | 208 | 440   | 80 | 169   | 16 | 34  | 3  | 6     | 473 |     | 9.4   |

STATION NUMBER 101023 JERSEY MTN LO

1959-1970

| DIR.   | MONTH JUL       |        |        |        |        |        |        |           |        |        | I      | MONTH AUG |                 |        |        |        |        |           |     |     |     |     |    |   |    |    |   |     |     |      |     |     |     |
|--------|-----------------|--------|--------|--------|--------|--------|--------|-----------|--------|--------|--------|-----------|-----------------|--------|--------|--------|--------|-----------|-----|-----|-----|-----|----|---|----|----|---|-----|-----|------|-----|-----|-----|
|        | WIND SPEED, MPH |        |        |        |        |        |        |           |        |        |        | I         | WIND SPEED, MPH |        |        |        |        |           |     |     |     |     |    |   |    |    |   |     |     |      |     |     |     |
|        | 0-3             | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG SPEED | 0-3    | 4-7    |        |           | 8-12            | 13-18  | 19-24  | >24    | TOTAL  | AVG SPEED |     |     |     |     |    |   |    |    |   |     |     |      |     |     |     |
| N. PCT | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT    | N. PCT | N. PCT | N. PCT | N. PCT    | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT |           |     |     |     |     |    |   |    |    |   |     |     |      |     |     |     |
| NE     | 2               | 6      | 4      | 11     | 2      | 6      | 1      | 3         |        |        | 9      | 26        | 6.1             | I      | 3      | 9      | 1      | 3         |     |     |     |     |    |   |    |    | 4 | 12  | 2.8 |      |     |     |     |
| E      | 1               | 3      | 4      | 11     | 5      | 14     | 1      | 3         |        |        | 11     | 32        | 7.8             | I      | 3      | 27     | 4      | 12        |     |     | 2   | 6   |    |   |    | 1  | 3 | 16  | 48  | 4.9  |     |     |     |
| SE     | 2               | 6      | 1      | 3      | 1      | 3      |        |           |        |        | 4      | 11        | 4.0             | I      |        |        | 2      | 6         |     |     |     |     |    |   |    |    |   | 2   | 6   | 4.5  |     |     |     |
| S      |                 |        | 3      | 9      | 1      | 3      |        |           |        |        | 4      | 11        | 6.0             | I      | 1      | 3      | 2      | 6         |     |     |     |     |    |   |    | 1  | 3 | 6   | 18  | 13.2 |     |     |     |
| SW     | 24              | 69     | 36     | 103    | 15     | 43     | 5      | 14        | 1      | 3      | 81     | 232       | 5.8             | I      | 13     | 39     | 31     | 94        | 19  | 58  |     |     | 2  | 6 |    | 1  | 3 | 68  | 206 | 6.8  |     |     |     |
| W      | 30              | 86     | 90     | 258    | 72     | 206    | 23     | 66        | 2      | 6      | 1      | 3         | 218             | 625    | 7.7    | I      | 23     | 70        | 79  | 239 | 70  | 212 |    |   | 21 | 64 | 3 | 9   | 1   | 3    | 197 | 597 | 7.9 |
| NW     | 2               | 6      | 10     | 29     | 4      | 11     |        |           |        |        | 16     | 46        | 5.9             | I      | 4      | 12     | 9      | 27        | 14  | 42  |     |     | 1  | 3 | 1  | 3  |   |     | 29  | 88   | 7.3 |     |     |
| N      | 2               | 6      | 1      | 3      | 2      | 6      |        |           |        |        | 5      | 14        | 5.2             | I      | 3      | 9      | 3      | 9         |     |     |     |     |    |   |    |    |   |     | 6   | 18   | 4.0 |     |     |
| CLM    | 1               | 3      |        |        |        |        |        |           |        |        | 1      | 3         | 0.0             | I      | 2      | 6      |        |           |     |     |     |     |    |   |    |    |   |     | 2   | 6    | 0.0 |     |     |
| TOT    | 64              | 183    | 149    | 427    | 102    | 292    | 30     | 86        | 3      | 9      | 1      | 3         | 349             | 7.1    | I      | 58     | 176    | 131       | 397 | 105 | 318 | 28  | 85 | 5 | 15 | 3  | 9 | 330 |     | 7.4  |     |     |     |

(con.)

Table 27 (Con.)

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 101801 BONANZA GS |        |        |        |        |        |        |        |       |        |        |        |        |        | 1971-1983       |        |       |    |     |     |     |     |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-----------------|--------|-------|----|-----|-----|-----|-----|
| MONTH JUL                        |        |        |        |        |        |        |        |       |        |        |        |        |        | MONTH AUG       |        |       |    |     |     |     |     |
| WIND SPEED, MPH                  |        |        |        |        |        |        |        |       |        |        |        |        |        | WIND SPEED, MPH |        |       |    |     |     |     |     |
| DIR.                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24             | TOTAL  | AVG   |    |     |     |     |     |
| N. PCT                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT          | N. PCT | SPEED |    |     |     |     |     |
| NE                               | 5      | 13     | 24     | 61     | 8      | 20     | 1      | 3     | 38     | 96     | 5.9    | 1      | 9      | 22              | 23     | 57    | 8  | 20  | 40  | 100 | 5.4 |
| E                                | 2      | 5      | 5      | 13     |        |        |        |       | 7      | 18     | 4.0    | 1      | 2      | 7               | 17     | 3     | 7  |     | 11  | 27  | 6.2 |
| SE                               | 3      | 8      | 16     | 41     | 10     | 25     | 1      | 3     | 30     | 76     | 6.9    | 1      | 8      | 20              | 24     | 60    | 3  | 7   | 37  | 92  | 5.7 |
| S                                | 8      | 20     | 23     | 58     | 18     | 46     | 4      | 10    | 53     | 135    | 6.9    | 1      | 17     | 42              | 22     | 55    | 13 | 32  | 53  | 132 | 5.5 |
| SW                               | 16     | 46     | 85     | 216    | 42     | 107    | 6      | 15    | 151    | 383    | 6.6    | 1      | 35     | 87              | 100    | 249   | 32 | 80  | 168 | 418 | 5.4 |
| W                                | 8      | 20     | 20     | 51     | 11     | 28     | 1      | 3     | 40     | 102    | 6.0    | 1      | 5      | 12              | 13     | 32    | 7  | 17  | 25  | 62  | 6.0 |
| NW                               | 2      | 5      | 13     | 33     | 10     | 25     | 1      | 3     | 26     | 66     | 7.0    | 1      | 3      | 7               | 8      | 20    | 7  | 17  | 18  | 45  | 6.5 |
| N                                | 11     | 28     | 22     | 56     | 7      | 18     | 1      | 3     | 41     | 104    | 5.4    | 1      | 5      | 12              | 16     | 40    | 12 | 30  | 33  | 82  | 6.2 |
| CLM                              | 8      | 20     |        |        |        |        |        |       | 8      | 20     | 0.0    | 1      | 17     | 42              |        |       |    |     | 17  | 42  | 0.0 |
| TOT                              | 65     | 165    | 208    | 528    | 106    | 269    | 15     | 38    | 394    |        | 6.2    | 1      | 100    | 249             | 213    | 530   | 85 | 211 | 402 |     | 5.4 |

| MONTH SEP       |        |        |        |        |        |        |        |       |        |        |        |        |        | MONTH AUG       |        |       |  |
|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-----------------|--------|-------|--|
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |        |        |        |        |        | WIND SPEED, MPH |        |       |  |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24             | TOTAL  | AVG   |  |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT          | N. PCT | SPEED |  |
| NE              | 8      | 22     | 9      | 25     | 3      | 8      | 20     | 55    | 4.6    | 1      |        |        |        |                 |        |       |  |
| E               | 1      | 3      | 8      | 22     | 1      | 3      | 10     | 28    | 5.5    | 1      |        |        |        |                 |        |       |  |
| SE              | 14     | 39     | 25     | 69     | 4      | 11     | 43     | 118   | 4.6    | 1      |        |        |        |                 |        |       |  |
| S               | 27     | 74     | 31     | 85     | 11     | 30     | 69     | 190   | 4.6    | 1      |        |        |        |                 |        |       |  |
| SW              | 37     | 102    | 77     | 212    | 20     | 55     | 2      | 6     | 136    | 375    | 5.2    | 1      |        |                 |        |       |  |
| W               | 10     | 28     | 18     | 50     | 5      | 14     |        |       | 33     | 91     | 5.1    | 1      |        |                 |        |       |  |
| NW              | 4      | 11     | 2      | 6      | 4      | 11     |        |       | 10     | 28     | 6.2    | 1      |        |                 |        |       |  |
| N               | 5      | 14     | 15     | 41     | 2      | 6      | 2      | 6     | 24     | 66     | 5.6    | 1      |        |                 |        |       |  |
| CLM             | 18     | 50     |        |        |        |        |        |       | 18     | 50     | 0.0    | 1      |        |                 |        |       |  |
| TOT             | 124    | 342    | 185    | 510    | 50     | 138    | 4      | 11    | 363    |        | 4.8    | 1      |        |                 |        |       |  |

| STATION NUMBER 101207 LANDMARK RS |        |        |        |        |        |        |        |       |        |        |        |        |        | 1971-1981       |        |       |     |     |     |  |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-----------------|--------|-------|-----|-----|-----|--|
| MONTH JUL                         |        |        |        |        |        |        |        |       |        |        |        |        |        | MONTH AUG       |        |       |     |     |     |  |
| WIND SPEED, MPH                   |        |        |        |        |        |        |        |       |        |        |        |        |        | WIND SPEED, MPH |        |       |     |     |     |  |
| DIR.                              | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24             | TOTAL  | AVG   |     |     |     |  |
| N. PCT                            | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT          | N. PCT | SPEED |     |     |     |  |
| NE                                | 3      | 10     | 1      | 3      | 2      | 6      | 6      | 19    | 5.3    | 1      | 2      | 6      | 6      | 18              | 2      | 6     | 10  | 30  | 5.5 |  |
| E                                 | 1      | 3      | 5      | 16     | 2      | 6      | 8      | 25    | 5.4    | 1      | 5      | 15     | 8      | 24              |        |       | 13  | 39  | 4.0 |  |
| SE                                | 1      | 3      | 3      | 10     | 1      | 3      | 5      | 16    | 5.4    | 1      |        |        | 3      | 9               |        |       | 3   | 9   | 6.3 |  |
| S                                 | 2      | 6      | 10     | 32     | 11     | 35     | 24     | 76    | 7.8    | 1      | 2      | 6      | 18     | 54              | 15     | 45    | 35  | 104 | 6.7 |  |
| SW                                | 7      | 22     | 37     | 117    | 33     | 105    | 78     | 248   | 6.9    | 1      | 4      | 12     | 34     | 101             | 25     | 75    | 66  | 197 | 7.5 |  |
| W                                 | 11     | 35     | 97     | 308    | 38     | 121    | 151    | 479   | 6.5    | 1      | 15     | 45     | 99     | 296             | 48     | 143   | 164 | 490 | 6.4 |  |
| NW                                | 1      | 3      | 20     | 63     | 7      | 22     | 29     | 92    | 6.9    | 1      | 7      | 21     | 20     | 60              | 7      | 21    | 34  | 101 | 5.4 |  |
| N                                 | 2      | 6      | 7      | 22     | 3      | 10     | 12     | 38    | 5.7    | 1      | 4      | 12     | 5      | 15              | 1      | 3     | 10  | 30  | 4.4 |  |
| CLM                               | 2      | 6      |        |        |        |        | 2      | 6     | 0.0    | 1      |        |        |        |                 |        |       |     |     |     |  |
| TOT                               | 30     | 95     | 180    | 571    | 97     | 308    | 315    |       | 6.6    | 1      | 39     | 116    | 193    | 576             | 98     | 293   | 335 |     | 6.4 |  |
| MONTH SEP                         |        |        |        |        |        |        |        |       |        |        |        |        |        |                 |        |       |     |     |     |  |
| WIND SPEED, MPH                   |        |        |        |        |        |        |        |       |        |        |        |        |        | WIND SPEED, MPH |        |       |     |     |     |  |
| DIR.                              | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24             | TOTAL  | AVG   |     |     |     |  |
| N. PCT                            | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT          | N. PCT | SPEED |     |     |     |  |
| NE                                | 2      | 7      | 4      | 13     | 5      | 17     | 11     | 36    | 6.5    | 1      |        |        |        |                 |        |       |     |     |     |  |
| E                                 | 2      | 7      | 6      | 20     | 1      | 3      | 9      | 30    | 4.8    | 1      |        |        |        |                 |        |       |     |     |     |  |
| SE                                |        |        | 6      | 20     | 1      | 3      | 7      | 23    | 5.6    | 1      |        |        |        |                 |        |       |     |     |     |  |
| S                                 | 3      | 10     | 9      | 30     | 8      | 26     | 20     | 66    | 6.8    | 1      |        |        |        |                 |        |       |     |     |     |  |
| SW                                | 13     | 43     | 20     | 66     | 22     | 73     | 57     | 188   | 6.5    | 1      |        |        |        |                 |        |       |     |     |     |  |
| W                                 | 24     | 79     | 95     | 314    | 27     | 89     | 146    | 482   | 5.7    | 1      |        |        |        |                 |        |       |     |     |     |  |
| NW                                | 9      | 30     | 23     | 76     | 6      | 20     | 38     | 125   | 5.3    | 1      |        |        |        |                 |        |       |     |     |     |  |
| N                                 | 3      | 10     | 10     | 33     | 1      | 3      | 15     | 50    | 5.3    | 1      |        |        |        |                 |        |       |     |     |     |  |
| CLM                               |        |        |        |        |        |        |        |       |        | 1      |        |        |        |                 |        |       |     |     |     |  |
| TOT                               | 56     | 185    | 173    | 571    | 71     | 234    | 303    |       | 5.9    | 1      |        |        |        |                 |        |       |     |     |     |  |

| MONTH SEP       |        |        |        |        |        |        |        |       |        |        |        |        |        | MONTH AUG       |        |       |  |  |  |  |  |
|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-----------------|--------|-------|--|--|--|--|--|
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |        |        |        |        |        | WIND SPEED, MPH |        |       |  |  |  |  |  |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24             | TOTAL  | AVG   |  |  |  |  |  |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT          | N. PCT | SPEED |  |  |  |  |  |
| NE              | 2      | 7      | 4      | 13     | 5      | 17     |        |       | 11     | 36     | 6.5    | 1      |        |                 |        |       |  |  |  |  |  |
| E               | 2      | 7      | 6      | 20     | 1      | 3      |        |       | 9      | 30     | 4.8    | 1      |        |                 |        |       |  |  |  |  |  |
| SE              |        |        | 6      | 20     | 1      | 3      |        |       | 7      | 23     | 5.6    | 1      |        |                 |        |       |  |  |  |  |  |
| S               | 3      | 10     | 9      | 30     | 8      | 26     |        |       | 20     | 66     | 6.8    | 1      |        |                 |        |       |  |  |  |  |  |
| SW              | 13     | 43     | 20     | 66     | 22     | 73     | 2      | 7     | 57     | 188    | 6.5    | 1      |        |                 |        |       |  |  |  |  |  |
| W               | 24     | 79     | 95     | 314    | 27     | 89     |        |       | 146    | 482    | 5.7    | 1      |        |                 |        |       |  |  |  |  |  |
| NW              | 9      | 30     | 23     | 76     | 6      | 20     |        |       | 38     | 125    | 5.3    | 1      |        |                 |        |       |  |  |  |  |  |
| N               | 3      | 10     | 10     | 33     | 1      | 3      | 1      | 3     | 15     | 50     | 5.3    | 1      |        |                 |        |       |  |  |  |  |  |
| CLM             |        |        |        |        |        |        |        |       |        |        |        |        |        |                 |        |       |  |  |  |  |  |
| TOT             | 56     | 185    | 173    | 571    | 71     | 234    | 3      | 10    | 303    |        | 5.9    | 1      |        |                 |        |       |  |  |  |  |  |

(con.)

Table 27 (Con.)

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 101204 CASCADE RS |        |        |        |        |        |        |        |       |     |   | 1971-1983       |        |        |        |        |        |        |        |       |     |     |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|---|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-----|
| MONTH MAY                        |        |        |        |        |        |        |        |       |     |   | MONTH JUN       |        |        |        |        |        |        |        |       |     |     |
| WIND SPEED, MPH                  |        |        |        |        |        |        |        |       |     |   | WIND SPEED, MPH |        |        |        |        |        |        |        |       |     |     |
| DIR.                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     |   | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     |     |
| N. PCT                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I   |   | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I   |     |
| NE                               | 5      | 31     | 4      | 25     | 1      | 6      | 10     | 62    | 4.3 | I | 8               | 31     | 7      | 27     |        |        |        | 15     | 58    | 3.5 |     |
| E                                | 2      | 12     | 4      | 25     | 1      | 6      | 7      | 43    | 4.7 | I | 7               | 27     | 3      | 12     | 2      | 8      |        | 12     | 46    | 3.9 |     |
| SE                               | 2      | 12     | 11     | 68     | 1      | 6      | 15     | 93    | 5.8 | I | 7               | 27     | 13     | 50     | 2      | 8      |        | 22     | 85    | 4.5 |     |
| S                                | 2      | 12     | 2      | 12     |        |        | 4      | 25    | 4.0 | I | 7               | 27     | 10     | 38     | 1      | 4      |        | 18     | 69    | 4.1 |     |
| SW                               | 2      | 12     | 4      | 25     |        |        | 6      | 37    | 4.8 | I | 10              | 38     | 6      | 23     | 1      | 4      |        | 17     | 65    | 3.8 |     |
| W                                | 9      | 56     | 26     | 160    | 5      | 31     | 40     | 247   | 5.2 | I | 24              | 92     | 45     | 173    | 6      | 23     | 1      | 4      | 76    | 292 | 4.6 |
| NW                               | 6      | 37     | 37     | 228    | 22     | 136    | 65     | 401   | 6.2 | I | 29              | 112    | 47     | 181    | 8      | 31     | 1      | 4      | 85    | 327 | 4.3 |
| N                                | 1      | 6      | 12     | 74     | 2      | 12     | 15     | 93    | 6.1 | I | 6               | 23     | 5      | 19     | 2      | 8      |        | 13     | 50    | 4.8 |     |
| CLM                              |        |        |        |        |        |        |        |       |     | I | 2               | 8      |        |        |        |        |        | 2      | 8     | 0.0 |     |
| TOT                              | 29     | 179    | 100    | 617    | 32     | 198    | 162    |       | 5.6 | I | 100             | 385    | 136    | 523    | 22     | 85     | 2      | 8      | 260   |     | 4.3 |
| MONTH JUL                        |        |        |        |        |        |        |        |       |     |   | MONTH AUG       |        |        |        |        |        |        |        |       |     |     |
| WIND SPEED, MPH                  |        |        |        |        |        |        |        |       |     |   | WIND SPEED, MPH |        |        |        |        |        |        |        |       |     |     |
| DIR.                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     |   | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     |     |
| N. PCT                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I   |   | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I   |     |
| NE                               | 12     | 32     | 8      | 22     |        |        | 20     | 54    | 3.4 | I | 6               | 17     | 7      | 19     | 1      | 3      |        | 14     | 39    | 4.2 |     |
| E                                | 6      | 16     | 13     | 35     | 1      | 3      | 20     | 54    | 4.4 | I | 7               | 19     | 10     | 28     | 4      | 11     |        | 21     | 58    | 4.8 |     |
| SE                               | 9      | 24     | 18     | 48     |        |        | 27     | 73    | 4.4 | I | 11              | 31     | 24     | 67     | 2      | 6      |        | 37     | 103   | 4.5 |     |
| S                                | 19     | 51     | 17     | 46     | 2      | 5      | 38     | 102   | 3.9 | I | 10              | 28     | 12     | 33     | 2      | 6      |        | 24     | 67    | 4.1 |     |
| SW                               | 9      | 24     | 16     | 43     | 3      | 8      | 28     | 75    | 4.6 | I | 8               | 22     | 15     | 42     | 2      | 6      |        | 25     | 69    | 4.3 |     |
| W                                | 22     | 59     | 83     | 223    | 8      | 22     | 113    | 304   | 4.8 | I | 34              | 94     | 56     | 156    | 4      | 11     |        | 94     | 261   | 4.2 |     |
| NW                               | 29     | 78     | 68     | 183    | 9      | 24     | 106    | 285   | 4.8 | I | 30              | 83     | 77     | 214    | 7      | 19     | 1      | 3      | 115   | 319 | 4.9 |
| N                                | 3      | 8      | 12     | 32     | 3      | 8      | 18     | 48    | 5.4 | I | 9               | 25     | 17     | 47     | 2      | 6      |        | 28     | 78    | 4.4 |     |
| CLM                              | 2      | 5      |        |        |        |        | 2      | 5     | 0.0 | I | 2               | 6      |        |        |        |        |        | 2      | 6     | 0.0 |     |
| TOT                              | 111    | 298    | 235    | 632    | 26     | 70     | 372    |       | 4.6 | I | 117             | 325    | 218    | 606    | 24     | 67     | 1      | 3      | 360   |     | 4.5 |
| MONTH SEP                        |        |        |        |        |        |        |        |       |     |   | MONTH OCT       |        |        |        |        |        |        |        |       |     |     |
| WIND SPEED, MPH                  |        |        |        |        |        |        |        |       |     |   | WIND SPEED, MPH |        |        |        |        |        |        |        |       |     |     |
| DIR.                             | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     |   | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |     |     |
| N. PCT                           | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I   |   | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I   |     |
| NE                               | 9      | 28     | 11     | 34     |        |        | 20     | 61    | 3.5 | I | 9               | 42     | 3      | 14     |        |        | 1      | 5      | 13    | 61  | 3.5 |
| E                                | 7      | 21     | 14     | 43     | 4      | 12     | 25     | 77    | 4.9 | I | 8               | 37     | 5      | 23     |        |        |        |        | 13    | 61  | 3.4 |
| SE                               | 12     | 37     | 16     | 49     | 4      | 12     | 32     | 98    | 4.6 | I | 10              | 47     | 11     | 51     | 2      | 9      |        | 23     | 107   | 4.0 |     |
| S                                | 8      | 25     | 6      | 18     | 2      | 6      | 16     | 49    | 4.1 | I | 5               | 23     | 3      | 14     |        |        |        | 8      | 37    | 3.4 |     |
| SW                               | 6      | 18     | 9      | 28     | 3      | 9      | 18     | 55    | 4.7 | I | 7               | 33     | 3      | 14     |        |        |        | 10     | 47    | 2.9 |     |
| W                                | 27     | 83     | 54     | 166    | 9      | 28     | 90     | 276   | 4.7 | I | 39              | 182    | 26     | 121    | 5      | 23     |        | 70     | 327   | 3.7 |     |
| NW                               | 33     | 101    | 55     | 169    | 15     | 46     | 103    | 316   | 4.8 | I | 23              | 107    | 31     | 145    | 9      | 42     | 2      | 9      | 65    | 304 | 4.8 |
| N                                | 7      | 21     | 10     | 31     | 2      | 6      | 19     | 58    | 4.1 | I | 4               | 19     | 4      | 19     | 1      | 5      |        | 9      | 42    | 4.1 |     |
| CLM                              | 3      | 9      |        |        |        |        | 3      | 9     | 0.0 | I | 3               | 14     |        |        |        |        |        | 3      | 14    | 0.0 |     |
| TOT                              | 112    | 344    | 175    | 537    | 39     | 120    | 326    |       | 4.6 | I | 108             | 505    | 86     | 402    | 17     | 79     | 3      | 14     | 214   |     | 4.0 |
| TOT                              |        |        |        |        |        |        |        |       |     | I |                 |        |        |        |        |        |        |        |       |     |     |

(con.)

Table 27 (Con.)

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101803 CHALLIS RS

1971-1983

| MONTH MAY       |         |         |        |        |        |        |        |       |   | MONTH JUN       |         |        |        |        |        |        |        |       |   |
|-----------------|---------|---------|--------|--------|--------|--------|--------|-------|---|-----------------|---------|--------|--------|--------|--------|--------|--------|-------|---|
| WIND SPEED, MPH |         |         |        |        |        |        |        |       |   | WIND SPEED, MPH |         |        |        |        |        |        |        |       |   |
| DIR.            | 0-3     | 4-7     | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I | DIR.            | 0-3     | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I |
| N. PCT          | N. PCT  | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I | N. PCT          | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I |
| NE              |         | 1 26    | 1 26   |        |        |        | 2 53   | 7.0   | I | 17 60           | 26 92   | 2 7    |        |        |        |        | 45 160 | 4.1   |   |
| E               | 3 79    | 3 79    |        |        |        |        | 6 158  | 3.2   | I | 10 35           | 31 110  | 6 21   |        |        |        |        | 47 167 | 5.2   |   |
| SE              | 1 26    | 3 79    | 1 26   |        |        |        | 5 132  | 5.0   | I | 7 25            | 16 57   | 5 18   | 1 4    |        |        |        | 29 103 | 5.5   |   |
| S               |         | 1 26    | 1 26   |        |        |        | 2 53   | 7.0   | I | 3 11            | 11 39   | 4 14   | 8 28   | 1 4    |        |        | 27 96  | 9.0   |   |
| SW              |         |         | 1 26   |        | 1 26   |        | 2 53   | 15.5  | I | 6 21            | 11 39   | 26 92  | 4 14   | 4 14   |        |        | 51 181 | 9.5   |   |
| W               | 3 79    | 3 79    | 1 26   | 2 53   |        |        | 9 237  | 7.1   | I | 7 25            | 9 32    | 14 50  | 8 28   | 3 11   |        |        | 41 145 | 9.3   |   |
| NW              |         |         |        |        |        |        | 3 79   | 5.7   | I | 1 4             | 12 43   | 4 14   | 1 4    |        |        |        | 18 64  | 6.4   |   |
| N               |         | 8 211   | 1 26   |        |        |        | 9 237  | 5.9   | I | 9 32            | 12 43   | 2 7    | 1 4    |        |        |        | 24 85  | 5.0   |   |
| CLM             |         |         |        |        |        |        |        |       | I |                 |         |        |        |        |        |        |        |       |   |
| TOT             | 7 184   | 22 579  | 6 158  | 2 53   | 1 26   |        | 38     | 6.2   | I | 60 213          | 128 454 | 63 223 | 23 82  | 8 28   |        |        | 282    | 6.9   |   |
| MONTH JUL       |         |         |        |        |        |        |        |       |   | MONTH AUG       |         |        |        |        |        |        |        |       |   |
| WIND SPEED, MPH |         |         |        |        |        |        |        |       |   | WIND SPEED, MPH |         |        |        |        |        |        |        |       |   |
| DIR.            | 0-3     | 4-7     | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I | DIR.            | 0-3     | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I |
| N. PCT          | N. PCT  | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I | N. PCT          | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I |
| NE              | 27 70   | 30 78   | 3 8    | 1 3    |        |        | 61 158 | 4.2   | I | 31 77           | 37 92   | 2 5    | 2 5    |        |        |        | 72 179 | 4.3   |   |
| E               | 10 26   | 56 145  | 10 26  |        |        |        | 76 196 | 5.2   | I | 35 87           | 54 134  | 3 7    | 1 2    |        |        |        | 93 231 | 4.2   |   |
| SE              | 10 26   | 16 41   | 9 23   | 1 3    |        |        | 36 93  | 5.9   | I | 13 32           | 28 70   | 8 20   | 2 5    | 1 2    |        |        | 52 129 | 5.7   |   |
| S               | 3 8     | 11 28   | 10 26  | 9 23   | 3 8    | 1 3    | 37 96  | 10.5  | I | 8 20            | 5 12    | 8 20   | 1 2    |        |        |        | 22 55  | 6.5   |   |
| SW              | 4 10    | 18 47   | 35 90  | 10 26  | 1 3    |        | 68 176 | 9.1   | I | 11 27           | 17 42   | 22 55  | 11 27  | 1 2    |        |        | 62 154 | 8.5   |   |
| W               | 10 26   | 11 28   | 18 47  | 10 26  |        |        | 49 127 | 8.6   | I | 6 15            | 6 15    | 17 42  | 1 2    |        |        |        | 30 75  | 7.8   |   |
| NW              | 10 26   | 9 23    | 8 21   | 2 5    |        | 1 3    | 30 78  | 6.9   | I | 18 45           | 11 27   | 4 10   | 3 7    |        |        |        | 36 90  | 5.0   |   |
| N               | 10 26   | 14 36   | 3 8    | 1 3    |        |        | 28 72  | 4.9   | I | 20 50           | 13 32   |        | 1 2    |        |        |        | 34 85  | 3.3   |   |
| CLM             | 2 5     |         |        |        |        |        | 2 5    | 0.0   | I | 1 2             |         |        |        |        |        |        | 1 2    | 0.0   |   |
| TOT             | 86 222  | 165 426 | 96 248 | 34 88  | 4 10   | 2 5    | 387    | 6.8   | I | 143 356         | 171 425 | 64 159 | 22 55  | 2 5    |        |        | 402    | 5.5   |   |
| MONTH SEP       |         |         |        |        |        |        |        |       |   | MONTH OCT       |         |        |        |        |        |        |        |       |   |
| WIND SPEED, MPH |         |         |        |        |        |        |        |       |   | WIND SPEED, MPH |         |        |        |        |        |        |        |       |   |
| DIR.            | 0-3     | 4-7     | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I | DIR.            | 0-3     | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I |
| N. PCT          | N. PCT  | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I | N. PCT          | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I |
| NE              | 47 124  | 13 34   | 5 13   | 1 3    |        |        | 66 174 | 3.5   | I | 16 92           | 4 23    | 1 6    |        |        |        |        | 21 121 | 3.1   |   |
| E               | 38 100  | 29 77   | 3 8    | 1 3    |        |        | 71 187 | 3.7   | I | 21 121          | 6 35    | 1 6    |        |        |        |        | 28 162 | 2.8   |   |
| SE              | 23 61   | 10 26   | 9 24   | 3 8    |        |        | 45 119 | 5.1   | I | 6 35            | 4 23    | 1 6    |        |        |        |        | 11 64  | 4.0   |   |
| S               | 9 24    | 10 26   | 6 16   | 1 3    |        |        | 26 69  | 5.7   | I | 9 52            | 1 6     | 2 12   |        |        |        |        | 12 69  | 3.4   |   |
| SW              | 11 29   | 19 50   | 19 50  | 8 21   |        |        | 57 150 | 7.5   | I | 10 58           | 10 58   | 4 23   |        |        |        | 1 6    | 25 145 | 5.7   |   |
| W               | 5 13    | 7 18    | 6 16   | 3 8    |        |        | 21 55  | 7.2   | I | 3 17            | 6 35    | 4 23   |        |        |        |        | 14 81  | 6.4   |   |
| NW              | 22 58   | 9 24    | 5 13   | 3 8    | 1 3    |        | 40 106 | 5.4   | I | 6 35            | 3 17    | 1 6    |        |        |        |        | 10 58  | 3.9   |   |
| N               | 32 84   | 11 29   | 5 13   |        |        |        | 48 127 | 3.5   | I | 25 145          | 8 46    | 3 17   |        |        |        |        | 36 208 | 3.4   |   |
| CLM             | 5 13    |         |        |        |        |        | 5 13   | 0.0   | I | 16 92           |         |        |        |        |        |        | 16 92  | 0.0   |   |
| TOT             | 192 507 | 108 285 | 58 153 | 20 53  | 1 3    |        | 379    | 4.8   | I | 112 647         | 42 243  | 17 98  | 1 6    |        |        | 1 6    | 173    | 3.6   |   |

(con.)

Table 27 (Con.)

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101303 INDIANOLA RS

1971-1983

| MONTH MAY       |        |        |        |        |        |        |        |       |        | MONTH JUN       |        |        |        |        |        |        |       |  |  |
|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-----------------|--------|--------|--------|--------|--------|--------|-------|--|--|
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |        | WIND SPEED, MPH |        |        |        |        |        |        |       |  |  |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | DIR.   | 0-3             | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |  |  |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |  |  |
| NE              | 27     | 70     | 2      | 5      | 1      | 3      | 30     | 77    | 0.9    | 12              | 31     | 4      | 10     | 1      | 3      | 17     | 44    |  |  |
| E               | 17     | 44     | 26     | 67     | 12     | 31     | 56     | 144   | 5.4    | 24              | 62     | 33     | 85     | 13     | 33     | 74     | 190   |  |  |
| SE              | 31     | 80     | 38     | 98     | 16     | 41     | 90     | 232   | 5.8    | 30              | 77     | 37     | 95     | 18     | 46     | 100    | 257   |  |  |
| S               | 11     | 28     | 13     | 34     | 10     | 26     | 35     | 90    | 5.7    | 5               | 13     | 6      | 15     | 2      | 5      | 14     | 36    |  |  |
| SW              | 17     | 44     | 41     | 106    | 33     | 85     | 16     | 41    | 8.1    | 12              | 31     | 26     | 67     | 25     | 64     | 74     | 190   |  |  |
| W               | 7      | 18     | 25     | 64     | 9      | 23     | 2      | 5     | 6.3    | 19              | 49     | 27     | 69     | 17     | 44     | 67     | 172   |  |  |
| NW              | 2      | 5      | 3      | 8      | 3      | 8      | 9      | 23    | 7.0    | 6               | 15     | 12     | 31     | 5      | 13     | 25     | 64    |  |  |
| N               | 4      | 10     | 2      | 5      | 4      | 10     | 10     | 26    | 5.3    | 2               | 5      | 1      | 3      | 1      | 3      | 7      | 18    |  |  |
| CLM             | 6      | 15     |        |        |        |        | 6      | 15    | 0.0    | 11              | 28     |        |        |        |        | 11     | 28    |  |  |
| TOT             | 122    | 314    | 150    | 387    | 88     | 227    | 26     | 67    | 1      | 3               | 1      | 3      | 388    | 6.0    | 115    | 296    | 140   |  |  |
|                 |        |        |        |        |        |        |        |       |        |                 |        |        |        |        |        |        |       |  |  |
| MONTH JUL       |        |        |        |        |        |        |        |       |        | MONTH AUG       |        |        |        |        |        |        |       |  |  |
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |        | WIND SPEED, MPH |        |        |        |        |        |        |       |  |  |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | DIR.   | 0-3             | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |  |  |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |  |  |
| NE              | 7      | 18     | 2      | 5      | 6      | 15     | 15     | 38    | 4.8    | 4               | 10     |        |        | 1      | 3      | 5      | 13    |  |  |
| E               | 21     | 54     | 22     | 56     | 10     | 26     | 53     | 136   | 4.7    | 35              | 88     | 21     | 53     | 7      | 18     | 64     | 161   |  |  |
| SE              | 29     | 74     | 44     | 113    | 20     | 51     | 96     | 246   | 5.5    | 39              | 98     | 54     | 136    | 13     | 33     | 108    | 272   |  |  |
| S               | 7      | 18     | 15     | 38     | 7      | 18     | 29     | 74    | 5.5    | 4               | 10     | 4      | 10     | 5      | 13     | 14     | 35    |  |  |
| SW              | 19     | 49     | 32     | 82     | 16     | 41     | 68     | 174   | 5.7    | 12              | 30     | 33     | 83     | 27     | 68     | 78     | 196   |  |  |
| W               | 25     | 64     | 29     | 74     | 15     | 38     | 73     | 187   | 5.7    | 28              | 71     | 34     | 86     | 12     | 30     | 74     | 186   |  |  |
| NW              | 2      | 5      | 15     | 38     | 13     | 33     | 40     | 102   | 9.1    | 2               | 5      | 13     | 33     | 8      | 20     | 23     | 58    |  |  |
| N               | 1      | 3      | 2      | 5      | 4      | 10     | 10     | 26    | 9.8    | 1               | 3      | 3      | 8      | 4      | 10     | 9      | 23    |  |  |
| CLM             | 7      | 18     |        |        |        |        | 7      | 18    | 0.0    | 22              | 55     |        |        |        |        | 22     | 55    |  |  |
| TOT             | 118    | 302    | 161    | 412    | 91     | 233    | 17     | 43    | 4      | 10              | 391    | 5.8    | 147    | 370    | 162    | 408    | 76    |  |  |
|                 |        |        |        |        |        |        |        |       |        |                 |        |        |        |        |        |        |       |  |  |
| MONTH SEP       |        |        |        |        |        |        |        |       |        | MONTH OCT       |        |        |        |        |        |        |       |  |  |
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |        | WIND SPEED, MPH |        |        |        |        |        |        |       |  |  |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | DIR.   | 0-3             | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   |  |  |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | N. PCT | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED |  |  |
| NE              | 5      | 13     | 1      | 3      | 2      | 5      | 8      | 21    | 3.5    | 22              | 88     |        |        |        |        | 22     | 88    |  |  |
| E               | 37     | 97     | 24     | 63     | 7      | 18     | 68     | 178   | 3.9    | 21              | 84     | 15     | 60     | 6      | 24     | 43     | 173   |  |  |
| SE              | 18     | 47     | 55     | 144    | 20     | 52     | 94     | 245   | 5.6    | 23              | 92     | 32     | 129    | 11     | 44     | 67     | 269   |  |  |
| S               | 11     | 29     | 18     | 47     | 4      | 10     | 33     | 86    | 4.8    | 6               | 24     | 13     | 52     | 1      | 4      | 20     | 80    |  |  |
| SW              | 15     | 39     | 38     | 99     | 26     | 68     | 83     | 217   | 6.5    | 12              | 48     | 20     | 80     | 14     | 56     | 47     | 189   |  |  |
| W               | 18     | 47     | 21     | 55     | 3      | 8      | 43     | 112   | 4.3    | 7               | 28     | 12     | 48     | 8      | 32     | 29     | 116   |  |  |
| NW              |        |        | 4      | 10     | 4      | 10     | 9      | 23    | 9.4    | 2               | 8      | 2      | 8      | 1      | 4      | 5      | 20    |  |  |
| N               | 4      | 10     | 4      | 10     | 2      | 5      | 11     | 29    | 6.1    |                 |        |        |        |        |        | 1      | 4     |  |  |
| CLM             | 34     | 89     |        |        |        |        | 34     | 89    | 0.0    | 15              | 60     |        |        |        |        | 15     | 60    |  |  |
| TOT             | 142    | 371    | 165    | 431    | 68     | 178    | 5      | 13    | 2      | 5               | 1      | 3      | 383    | 4.9    | 108    | 434    | 94    |  |  |
|                 |        |        |        |        |        |        |        |       |        |                 |        |        |        |        |        |        |       |  |  |

(con.)

Table 27 (Con.)

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

| STATION NUMBER 101206 KRASSEL RS |        |         |         |        |        |        |         |       |  | 1971-1983       |         |         |        |        |        |        |         |       |  |
|----------------------------------|--------|---------|---------|--------|--------|--------|---------|-------|--|-----------------|---------|---------|--------|--------|--------|--------|---------|-------|--|
| MONTH MAY                        |        |         |         |        |        |        |         |       |  | MONTH JUN       |         |         |        |        |        |        |         |       |  |
| WIND SPEED, MPH                  |        |         |         |        |        |        |         |       |  | WIND SPEED, MPH |         |         |        |        |        |        |         |       |  |
| DIR.                             | 0-3    | 4-7     | 8-12    | 13-18  | 19-24  | >24    | TOTAL   | AVG   |  | DIR.            | 0-3     | 4-7     | 8-12   | 13-18  | 19-24  | >24    | TOTAL   | AVG   |  |
| N. PCT                           | N. PCT | N. PCT  | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT  | SPEED |  | N. PCT          | N. PCT  | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT  | SPEED |  |
| NE                               | 5 25   | 4 20    |         |        |        |        | 9 44    | 2.1 I |  | 6 23            | 6 23    | 1 4     |        |        |        |        | 13 49   | 3.5   |  |
| E                                |        | 1 5     |         |        |        |        | 1 5     | 4.0 I |  | 2 8             |         |         |        |        |        |        | 2 8     | 1.5   |  |
| SE                               | 2 10   | 2 10    |         |        |        |        | 4 20    | 3.5 I |  | 2 8             | 5 19    | 2 8     |        |        |        |        | 9 34    | 5.8   |  |
| S                                | 3 15   | 41 202  | 17 84   | 1 5    |        |        | 62 305  | 6.4 I |  | 11 42           | 60 228  | 35 125  | 2 8    |        |        |        | 106 403 | 6.5   |  |
| SW                               |        | 7 34    | 4 20    |        |        |        | 11 54   | 6.5 I |  | 9 34            | 19 72   | 13 49   |        |        |        |        | 41 156  | 5.7   |  |
| W                                | 3 15   | 2 10    |         |        |        |        | 5 25    | 4.0 I |  | 3 11            | 5 19    |         |        |        |        |        | 8 30    | 3.5   |  |
| NW                               | 8 39   | 15 74   | 7 34    |        |        |        | 30 148  | 5.1 I |  | 2 8             | 8 30    | 1 4     |        |        |        |        | 11 42   | 5.1   |  |
| N                                | 7 34   | 40 197  | 31 153  | 3 15   |        |        | 81 399  | 7.1 I |  | 7 27            | 36 137  | 22 84   | 3 11   | 1 4    |        |        | 69 262  | 7.0   |  |
| CLM                              |        |         |         |        |        |        |         | I     |  | 4 15            |         |         |        |        |        |        | 4 15    | 0.0   |  |
| TOT                              | 28 138 | 112 552 | 59 291  | 4 20   |        |        | 203     | 6.2 I |  | 46 175          | 139 529 | 72 274  | 5 19   | 1 4    |        |        | 263     | 6.0   |  |
| MONTH JUL                        |        |         |         |        |        |        |         |       |  | MONTH AUG       |         |         |        |        |        |        |         |       |  |
| WIND SPEED, MPH                  |        |         |         |        |        |        |         |       |  | WIND SPEED, MPH |         |         |        |        |        |        |         |       |  |
| DIR.                             | 0-3    | 4-7     | 8-12    | 13-18  | 19-24  | >24    | TOTAL   | AVG   |  | DIR.            | 0-3     | 4-7     | 8-12   | 13-18  | 19-24  | >24    | TOTAL   | AVG   |  |
| N. PCT                           | N. PCT | N. PCT  | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT  | SPEED |  | N. PCT          | N. PCT  | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT  | SPEED |  |
| NE                               | 10 26  | 5 13    | 2 5     |        |        |        | 17 45   | 2.9 I |  | 5 13            | 5 13    | 1 3     |        |        |        |        | 11 28   | 4.2   |  |
| E                                |        | 1 3     |         |        |        |        | 1 3     | 4.0 I |  | 1 3             | 1 3     | 1 3     | 1 3    |        |        |        | 3 8     | 9.0   |  |
| SE                               | 5 13   | 5 13    | 4 11    |        |        |        | 14 37   | 5.3 I |  | 5 13            | 6 15    | 2 5     |        |        |        |        | 13 33   | 4.5   |  |
| S                                | 21 55  | 83 218  | 103 271 | 13 34  | 3 8    |        | 223 587 | 7.8 I |  | 13 33           | 81 207  | 111 283 | 15 38  |        |        |        | 220 561 | 8.1   |  |
| SW                               | 9 24   | 20 53   | 8 21    | 3 8    |        |        | 40 105  | 6.1 I |  | 7 18            | 20 51   | 13 33   |        |        | 1 3    |        | 41 105  | 6.5   |  |
| W                                |        |         |         |        |        |        |         | I     |  | 1 3             | 3 8     |         |        |        |        |        | 4 10    | 5.0   |  |
| NW                               | 4 11   | 3 8     | 1 3     |        |        |        | 8 21    | 3.8 I |  | 3 8             | 7 18    | 1 3     |        |        |        |        | 11 28   | 4.7   |  |
| N                                | 11 29  | 31 82   | 21 55   | 5 13   | 1 3    |        | 69 182  | 7.1 I |  | 11 28           | 36 92   | 31 79   | 6 15   |        |        |        | 84 214  | 7.2   |  |
| CLM                              | 8 21   |         |         |        |        |        | 8 21    | 0.0 I |  | 5 13            |         |         |        |        |        |        | 5 13    | 0.0   |  |
| TOT                              | 68 179 | 148 389 | 139 366 | 21 55  | 4 11   |        | 380     | 7.0 I |  | 50 128          | 159 406 | 160 408 | 22 56  | 1 3    |        |        | 392     | 7.3   |  |
| MONTH SEP                        |        |         |         |        |        |        |         |       |  |                 |         |         |        |        |        |        |         |       |  |
| WIND SPEED, MPH                  |        |         |         |        |        |        |         |       |  |                 |         |         |        |        |        |        |         |       |  |
| DIR.                             | 0-3    | 4-7     | 8-12    | 13-18  | 19-24  | >24    | TOTAL   | AVG   |  | DIR.            | 0-3     | 4-7     | 8-12   | 13-18  | 19-24  | >24    | TOTAL   | AVG   |  |
| N. PCT                           | N. PCT | N. PCT  | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT  | SPEED |  | N. PCT          | N. PCT  | N. PCT  | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT  | SPEED |  |
| NE                               | 5 14   | 9 25    | 2 6     |        |        |        | 16 45   | 4.3 I |  |                 |         |         |        |        |        |        |         |       |  |
| E                                | 2 6    |         |         |        |        |        | 2 6     | 2.5 I |  |                 |         |         |        |        |        |        |         |       |  |
| SE                               | 2 6    | 3 8     | 1 3     |        |        |        | 6 17    | 4.7 I |  |                 |         |         |        |        |        |        |         |       |  |
| S                                | 38 106 | 70 196  | 39 109  | 12 34  | 1 3    |        | 160 447 | 6.4 I |  |                 |         |         |        |        |        |        |         |       |  |
| SW                               | 5 14   | 4 11    | 10 28   | 5 14   |        |        | 24 67   | 8.4 I |  |                 |         |         |        |        |        |        |         |       |  |
| W                                | 6 17   | 4 11    | 3 8     |        |        |        | 13 36   | 4.5 I |  |                 |         |         |        |        |        |        |         |       |  |
| NW                               | 5 14   | 5 14    | 4 11    | 1 3    |        |        | 15 42   | 5.5 I |  |                 |         |         |        |        |        |        |         |       |  |
| N                                | 17 47  | 60 168  | 27 75   | 4 11   |        |        | 108 302 | 6.4 I |  |                 |         |         |        |        |        |        |         |       |  |
| CLM                              | 14 39  |         |         |        |        |        | 14 39   | 0.0 I |  |                 |         |         |        |        |        |        |         |       |  |
| TOT                              | 94 263 | 155 433 | 86 240  | 22 61  | 1 3    |        | 358     | 6.1 I |  |                 |         |         |        |        |        |        |         |       |  |

(con.)

Table 27 (Con.)

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101805 LITTLE CREEK GS

1971-1983

| MONTH JUN       |        |        |        |        |        |        |        |       |    | MONTH JUL       |        |        |        |        |        |        |        |       |     |     |      |    |     |    |    |   |   |     |     |
|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|----|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-----|------|----|-----|----|----|---|---|-----|-----|
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |    | WIND SPEED, MPH |        |        |        |        |        |        |        |       |     |     |      |    |     |    |    |   |   |     |     |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I  | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I   |     |      |    |     |    |    |   |   |     |     |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I  | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I   |     |      |    |     |    |    |   |   |     |     |
| NE              | 14     | 41     | 9      | 27     | 6      | 18     | 3      | 9     | 2  | 6               | 21     | 53     | 16     | 41     | 4      | 10     | 41     | 104   | 4.2 |     |      |    |     |    |    |   |   |     |     |
| E               | 9      | 27     | 9      | 27     | 6      | 18     |        |       |    | 15              | 38     | 16     | 41     | 3      | 8      | 2      | 5      | 36    | 92  | 4.8 |      |    |     |    |    |   |   |     |     |
| SE              | 9      | 27     | 19     | 56     | 12     | 35     | 4      | 12    |    | 16              | 41     | 21     | 53     | 13     | 33     | 11     | 28     | 63    | 160 | 7.5 |      |    |     |    |    |   |   |     |     |
| S               | 10     | 29     | 22     | 65     | 31     | 91     | 13     | 38    | 5  | 15              | 10     | 25     | 25     | 64     | 35     | 89     | 30     | 76    | 108 | 275 | 10.5 |    |     |    |    |   |   |     |     |
| SW              | 13     | 38     | 22     | 65     | 26     | 77     | 6      | 18    | 4  | 12              | 6      | 15     | 12     | 31     | 33     | 84     | 17     | 43    | 74  | 188 | 10.6 |    |     |    |    |   |   |     |     |
| W               | 7      | 21     | 19     | 56     | 9      | 27     | 2      | 6     |    |                 | 4      | 10     | 7      | 18     | 19     | 48     | 8      | 20    | 39  | 99  | 9.5  |    |     |    |    |   |   |     |     |
| NW              | 2      | 6      | 12     | 35     | 4      | 12     | 1      | 8     |    |                 | 1      | 3      | 8      | 20     | 6      | 15     | 3      | 8     | 18  | 46  | 8.1  |    |     |    |    |   |   |     |     |
| N               | 14     | 41     | 9      | 27     | 2      | 6      |        |       |    | 4               | 10     | 8      | 20     | 1      | 3      | 1      | 3      | 14    | 36  | 5.1 |      |    |     |    |    |   |   |     |     |
| CLM             | 3      | 9      |        |        |        |        |        |       |    |                 |        |        |        |        |        |        |        |       |     |     |      |    |     |    |    |   |   |     |     |
| TOT             | 81     | 239    | 121    | 357    | 96     | 283    | 29     | 86    | 11 | 32              | 1      | 3      | 339    | 7.3    | 1      | 77     | 196    | 113   | 288 | 114 | 290  | 72 | 183 | 16 | 41 | 1 | 3 | 393 | 8.5 |

| MONTH AUG       |        |        |        |        |        |        |        |       |    | MONTH SEP       |        |        |        |        |        |        |        |       |     |     |     |    |    |   |   |  |     |     |
|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|----|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-----|-----|----|----|---|---|--|-----|-----|
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |    | WIND SPEED, MPH |        |        |        |        |        |        |        |       |     |     |     |    |    |   |   |  |     |     |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I  | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I   |     |     |    |    |   |   |  |     |     |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I  | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I   |     |     |    |    |   |   |  |     |     |
| NE              | 12     | 30     | 16     | 40     | 3      | 8      | 1      | 3     |    | 26              | 76     | 8      | 23     | 2      | 6      |        | 36     | 106   | 3.3 |     |     |    |    |   |   |  |     |     |
| E               | 14     | 35     | 26     | 65     | 3      | 8      | 3      | 8     |    | 56              | 164    | 13     | 38     | 3      | 9      |        | 72     | 211   | 3.0 |     |     |    |    |   |   |  |     |     |
| SE              | 24     | 60     | 23     | 58     | 14     | 35     | 11     | 28    | 4  | 10              | 36     | 106    | 7      | 21     | 4      | 12     | 48     | 141   | 3.6 |     |     |    |    |   |   |  |     |     |
| S               | 15     | 38     | 28     | 70     | 25     | 63     | 18     | 45    | 2  | 5               | 23     | 67     | 11     | 32     | 23     | 67     | 13     | 38    | 72  | 211 | 7.9 |    |    |   |   |  |     |     |
| SW              | 7      | 18     | 18     | 45     | 15     | 38     | 22     | 55    | 8  | 20              | 13     | 38     | 14     | 41     | 13     | 38     | 4      | 12    | 45  | 132 | 6.7 |    |    |   |   |  |     |     |
| W               | 2      | 5      | 12     | 30     | 6      | 15     | 8      | 20    | 4  | 10              | 3      | 9      | 7      | 21     | 8      | 23     | 4      | 12    | 22  | 65  | 8.2 |    |    |   |   |  |     |     |
| NW              | 8      | 20     | 8      | 20     | 4      | 10     | 2      | 5     | 1  | 3               | 3      | 9      | 3      | 9      | 6      | 18     | 1      | 3     | 13  | 38  | 7.6 |    |    |   |   |  |     |     |
| N               | 12     | 30     | 11     | 28     | 2      | 5      |        |       |    | 16              | 47     | 7      | 21     | 6      | 18     | 1      | 3      | 30    | 88  | 4.7 |     |    |    |   |   |  |     |     |
| CLM             | 3      | 8      |        |        |        |        |        |       |    | 3               | 9      |        |        |        |        |        |        | 3     | 9   | 0.0 |     |    |    |   |   |  |     |     |
| TOT             | 97     | 243    | 142    | 356    | 72     | 180    | 65     | 163   | 19 | 48              | 4      | 10     | 399    | 7.9    | 1      | 179    | 525    | 70    | 205 | 65  | 191 | 24 | 70 | 3 | 9 |  | 341 | 5.3 |

(con.)

Table 27 (Con.)

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION FOR SELECTED SPEED INCREMENTS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101209 MC CALL SO

1971-1983

| MONTH MAY       |        |        |        |        |        |        |        |       |         | MONTH JUN       |        |        |        |        |        |        |        |       |     |
|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|---------|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |         | WIND SPEED, MPH |        |        |        |        |        |        |        |       |     |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I       | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I   |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I       | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I   |
| NE              | 19     | 57     | 10     | 30     | 6      | 18     | 2      | 6     | 37 111  | 4.0             | I      | 6      | 18     | 9      | 27     |        | 16     | 48    | 4.6 |
| E               | 3      | 9      | 6      | 18     | 2      | 6      |        |       | 11 33   | 5.0             | I      | 5      | 15     | 6      | 18     | 2      | 13     | 39    | 4.3 |
| SE              |        |        | 4      | 12     | 1      | 3      | 1      | 3     | 7 21    | 9.1             | I      | 9      | 27     | 9      | 27     | 3      | 24     | 71    | 5.6 |
| S               | 4      | 12     | 7      | 21     | 3      | 9      |        |       | 14 42   | 5.1             | I      | 7      | 21     | 11     | 33     | 9      | 30     | 89    | 6.7 |
| SW              | 15     | 45     | 31     | 93     | 21     | 63     | 4      | 12    | 71 213  | 6.3             | I      | 11     | 33     | 57     | 170    | 30     | 103    | 307   | 6.7 |
| W               | 5      | 15     | 34     | 102    | 27     | 81     | 1      | 3     | 67 201  | 6.9             | I      | 21     | 63     | 28     | 83     | 21     | 71     | 211   | 6.0 |
| NW              | 8      | 24     | 40     | 120    | 15     | 45     |        |       | 63 189  | 6.0             | I      | 10     | 30     | 38     | 113    | 10     | 60     | 179   | 6.2 |
| N               | 8      | 24     | 26     | 78     | 24     | 72     | 1      | 3     | 59 177  | 6.8             | I      | 4      | 12     | 9      | 27     | 2      | 16     | 48    | 6.0 |
| CLM             | 4      | 12     |        |        |        |        |        |       | 4 12    | 0.0             | I      | 3      | 9      |        |        |        | 3      | 9     | 0.0 |
| TOT             | 66     | 198    | 158    | 474    | 99     | 297    | 9      | 27    | 333     | 6.1             | I      | 76     | 226    | 167    | 497    | 77     | 336    |       | 6.1 |
| MONTH JUL       |        |        |        |        |        |        |        |       |         | MONTH AUG       |        |        |        |        |        |        |        |       |     |
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |         | WIND SPEED, MPH |        |        |        |        |        |        |        |       |     |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I       | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I   |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I       | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I   |
| NE              | 8      | 22     | 7      | 19     | 1      | 3      |        |       | 16 43   | 3.5             | I      | 12     | 33     | 8      | 22     | 1      | 21     | 58    | 3.5 |
| E               | 3      | 8      | 2      | 5      | 1      | 3      |        |       | 6 16    | 4.0             | I      | 4      | 11     | 3      | 8      |        | 7      | 19    | 3.7 |
| SE              | 7      | 19     | 12     | 33     | 4      | 11     | 1      | 3     | 24 65   | 5.7             | I      | 2      | 5      | 16     | 44     | 4      | 23     | 63    | 5.9 |
| S               | 16     | 43     | 35     | 95     | 20     | 54     | 1      | 3     | 72 195  | 5.8             | I      | 21     | 58     | 35     | 96     | 12     | 73     | 200   | 5.8 |
| SW              | 20     | 54     | 49     | 133    | 18     | 49     | 8      | 22    | 96 260  | 6.5             | I      | 25     | 68     | 49     | 134    | 30     | 115    | 315   | 6.7 |
| W               | 17     | 46     | 36     | 98     | 22     | 60     | 2      | 5     | 77 209  | 6.0             | I      | 15     | 41     | 31     | 85     | 15     | 64     | 175   | 6.1 |
| NW              | 11     | 30     | 26     | 70     | 7      | 19     | 2      | 5     | 46 125  | 5.5             | I      | 13     | 36     | 17     | 47     | 4      | 34     | 93    | 4.7 |
| N               | 13     | 35     | 8      | 22     | 3      | 8      | 1      | 3     | 25 68   | 4.6             | I      | 11     | 30     | 8      | 22     | 2      | 21     | 58    | 4.0 |
| CLM             | 7      | 19     |        |        |        |        |        |       | 7 19    | 0.0             | I      | 7      | 19     |        |        |        | 7      | 19    | 0.0 |
| TOT             | 102    | 276    | 175    | 474    | 76     | 206    | 15     | 41    | 369     | 5.7             | I      | 110    | 301    | 167    | 458    | 68     | 365    |       | 5.6 |
| MONTH SEP       |        |        |        |        |        |        |        |       |         |                 |        |        |        |        |        |        |        |       |     |
| WIND SPEED, MPH |        |        |        |        |        |        |        |       |         |                 |        |        |        |        |        |        |        |       |     |
| DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I       | DIR.            | 0-3    | 4-7    | 8-12   | 13-18  | 19-24  | >24    | TOTAL  | AVG   | I   |
| N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I       | N. PCT          | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | N. PCT | SPEED | I   |
| NE              | 6      | 18     | 2      | 6      | 1      | 3      |        |       | 9 27    | 3.1             | I      |        |        |        |        |        |        |       |     |
| E               | 2      | 6      | 2      | 6      | 1      | 3      |        |       | 5 15    | 4.4             | I      |        |        |        |        |        |        |       |     |
| SE              | 3      | 9      | 9      | 27     | 4      | 12     |        |       | 16 48   | 5.4             | I      |        |        |        |        |        |        |       |     |
| S               | 30     | 91     | 25     | 76     | 9      | 27     |        |       | 64 194  | 4.3             | I      |        |        |        |        |        |        |       |     |
| SW              | 38     | 115    | 35     | 106    | 25     | 76     | 5      | 15    | 103 312 | 5.7             | I      |        |        |        |        |        |        |       |     |
| W               | 12     | 36     | 28     | 85     | 15     | 45     |        |       | 55 167  | 5.8             | I      |        |        |        |        |        |        |       |     |
| NW              | 15     | 45     | 23     | 70     | 9      | 27     | 1      | 3     | 48 145  | 5.2             | I      |        |        |        |        |        |        |       |     |
| N               | 8      | 24     | 8      | 24     | 5      | 15     |        |       | 21 64   | 5.1             | I      |        |        |        |        |        |        |       |     |
| CLM             | 9      | 27     |        |        |        |        |        |       | 9 27    | 0.0             | I      |        |        |        |        |        |        |       |     |
| TOT             | 123    | 373    | 132    | 400    | 69     | 209    | 6      | 18    | 330     | 5.1             | I      |        |        |        |        |        |        |       |     |

**Table 28**—Frequencies of three-way combinations of afternoon dry bulb temperature (°F), relative humidity (percent), and windspeed (miles/hour), during fire season. Based on data observed during 1964-83 (see table 25 caption)

| TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STATION NUMBER 101039                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | CAMPBELLS FERRY                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1964-1978                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MONTH JUN                                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ---                                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WIND SPEED 0-4 MPH                                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | WIND SPEED 5-9 MPH                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | WIND SPEED 10-14 MPH                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RELATIVE HUMIDITY                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | RELATIVE HUMIDITY                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | RELATIVE HUMIDITY                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 11 21 31 41 51 61 71 81 91 I                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 11 21 31 41 51 61 71 81 91 I         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 11 21 31 41 51 61 71 81 91 I         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TEMP. TO TO TO TO TO TO TO TO TO TO I                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | TEMP. TO TO TO TO TO TO TO TO TO TO I  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | TEMP. TO TO TO TO TO TO TO TO TO TO I  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DEG F 10 20 30 40 50 60 70 80 90 100 I                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | DEG F 10 20 30 40 50 60 70 80 90 100 I |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | DEG F 10 20 30 40 50 60 70 80 90 100 I |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <100                                                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 3                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95-99                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 23 3                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90-94                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 28 23 8                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85-89                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 33 44 10 3                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 10 15 3                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80-84                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 21 49 21 3                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 8                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75-79                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 18 23 23 3                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 8 10 3 3                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70-74                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 28 31 15 5                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 8 3 3 3                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65-69                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 13 15 13 5                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 3 3 3                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60-64                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 8 3                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 3 3 3                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55-59                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 18 15                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 3 3 3                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50-54                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 8 3                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 3 3 3                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 I                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40-44                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35-39                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30-34                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <30                                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 41 67 44 28 26 15 41 23 3 I            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 126 179 118 64 23 13 15 13 I           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 36 38 18 10 5 3 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NUMBER                                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 16 26 17 11 10 6 16 9 1 I            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 49 70 46 25 9 5 6 5 0 I              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 14 15 7 4 2 0 1 1 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WIND SPEED 15-19 MPH                                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | WIND SPEED GREATER/EQUAL 20 MPH        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | TOTAL NUMBER                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <100                                                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 15 6                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95-99                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 46 18                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90-94                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 3                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 79 31                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85-89                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 169 66                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80-84                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 151 59                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75-79                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 123 48                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70-74                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 133 52                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65-69                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 105 41                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60-64                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 79 31                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55-59                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 74 29                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50-54                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 18 7                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 5 2                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40-44                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 0                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35-39                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 0                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30-34                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 0                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <30                                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I 0                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 8 10 3                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 5 3 3 5                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1000                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NUMBER                                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 2 3 4 1 0 0 0 0 0 0 I                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 1 0 2 0 1 1 2 0 0 I                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 390                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101039

CAMPBELLS FERRY

1964-1978

MONTH JUL

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |    |    |    |    |    |    |    |    |     | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |    |     | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |     |
|----------------|--------------------|----|----|----|----|----|----|----|----|-----|--------------------|-----|-----|----|----|----|----|----|----|-----|----------------------|----|----|----|----|----|----|----|----|-----|
|                | RELATIVE HUMIDITY  |    |    |    |    |    |    |    |    |     | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |     |
|                | 10                 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| <100           | 11                 | 4  |    |    |    |    |    |    |    |     | 24                 | 32  | 2   |    |    |    |    |    |    |     | 24                   | 6  |    |    |    |    |    |    |    |     |
| 95-99          | 4                  | 19 | 17 | 2  |    |    |    |    |    |     | 22                 | 82  | 15  | 2  |    |    |    |    |    |     | 9                    | 30 |    |    |    |    |    |    |    |     |
| 90-94          |                    | 9  | 6  | 6  |    |    |    |    |    |     | 4                  | 82  | 47  | 26 |    |    |    |    |    |     |                      | 22 | 9  |    |    |    |    |    |    |     |
| 85-89          |                    | 4  | 13 | 6  | 2  |    |    |    |    |     |                    | 41  | 32  | 17 | 4  | 2  |    |    |    |     |                      | 6  | 9  | 2  |    |    |    |    |    |     |
| 80-84          |                    | 6  | 4  | 13 | 4  |    |    |    |    |     |                    | 9   | 45  | 34 | 13 |    |    |    |    |     |                      | 6  | 11 | 2  | 4  |    |    |    |    |     |
| 75-79          |                    |    | 2  | 2  | 4  | 2  | 6  |    |    |     |                    | 2   | 13  | 9  | 9  |    |    |    |    |     |                      | 4  | 4  | 2  | 2  | 2  |    |    |    |     |
| 70-74          |                    |    |    |    |    | 4  | 2  |    |    |     |                    | 2   | 2   | 6  | 4  | 4  | 2  |    |    |     |                      | 2  | 9  | 2  | 2  |    |    |    |    |     |
| 65-69          |                    |    |    |    |    | 2  |    | 2  | 9  |     |                    | 2   |     | 4  | 4  |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 60-64          |                    |    |    |    |    |    | 4  |    |    |     |                    |     |     |    | 2  |    |    |    |    |     | 2                    |    |    |    |    |    |    |    |    |     |
| 55-59          |                    |    |    |    |    |    |    |    | 4  |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 50-54          |                    |    |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 45-49          |                    |    |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 40-44          |                    |    |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 35-39          |                    |    |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 30-34          |                    |    |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| <30            |                    |    |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| TOTAL          | 15                 | 43 | 43 | 30 | 11 | 9  | 13 | 2  | 13 |     | 49                 | 252 | 157 | 99 | 30 | 17 | 4  | 2  |    | 2   | 32                   | 75 | 34 | 15 | 9  | 4  |    |    |    |     |
| NUMBER         | 7                  | 20 | 20 | 14 | 5  | 4  | 6  | 1  | 6  | 0   | 23                 | 117 | 73  | 46 | 14 | 8  | 2  | 1  | 0  | 1   | 15                   | 35 | 16 | 7  | 4  | 2  | 0  | 0  | 0  | 0   |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |     | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |     | TOTAL NUMBER |     |
|----------------|----------------------|----|----|----|----|----|----|----|----|-----|---------------------------------|----|----|----|----|----|----|----|----|-----|--------------|-----|
|                | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |     | RELATIVE HUMIDITY               |    |    |    |    |    |    |    |    |     |              |     |
|                | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                              | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |              |     |
| <100           | 2                    |    |    |    |    |    |    |    |    |     | 2                               |    |    |    |    |    |    |    |    |     | 108          | 50  |
| 95-99          | 2                    | 2  |    |    |    |    |    |    |    |     | 2                               |    |    |    |    |    |    |    |    |     | 209          | 97  |
| 90-94          |                      | 9  | 2  |    |    |    |    |    |    |     | 2                               |    |    |    |    |    |    |    |    |     | 224          | 104 |
| 85-89          | 2                    | 2  | 2  |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 146          | 68  |
| 80-84          |                      |    | 2  |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 155          | 72  |
| 75-79          |                      | 2  |    | 2  |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 69           | 32  |
| 70-74          |                      |    |    |    | 2  |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 43           | 20  |
| 65-69          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 34           | 16  |
| 60-64          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 9            | 4   |
| 55-59          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 4            | 2   |
| 50-54          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| 45-49          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| 40-44          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| 35-39          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| 30-34          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| <30            |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| TOTAL          | 6                    | 15 | 6  | 2  | 2  |    |    |    |    |     | 6                               |    |    |    |    |    |    |    |    |     | 1000         |     |
| NUMBER         | 3                    | 7  | 3  | 1  | 1  | 0  | 0  | 0  | 0  | 0   | 3                               | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   |              | 465 |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101039

CAMPBELLS FERRY

1964-1978

MONTH AUG  
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| WIND SPEED 0-4 MPH |    |    |    |    |    |    |    |    |    |     | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |    |     |    | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |     |  |  |
|--------------------|----|----|----|----|----|----|----|----|----|-----|--------------------|-----|-----|----|----|----|----|----|----|-----|----|----------------------|----|----|----|----|----|----|----|-----|--|--|
| RELATIVE HUMIDITY  |    |    |    |    |    |    |    |    |    |     | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |     |    | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |     |  |  |
| TEMP.              | 1  | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                  | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1  | 11                   | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  |  |  |
| DEG F              | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10 | 20                   | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| <100               | 4  |    |    |    |    |    |    |    |    |     | 45                 | 32  |     |    |    |    |    |    |    |     | 22 | 22                   |    |    |    |    |    |    |    |     |  |  |
| 95-99              | 2  | 6  |    |    |    |    |    |    |    |     | 28                 | 71  | 6   |    |    |    |    |    |    |     | 15 | 30                   |    |    |    |    |    |    |    |     |  |  |
| 90-94              |    | 15 |    |    |    |    |    |    |    |     | 15                 | 82  | 13  |    |    |    |    |    |    |     | 11 | 17                   | 9  |    |    |    |    |    |    |     |  |  |
| 85-89              |    | 4  | 13 |    |    |    |    |    |    |     | 2                  | 13  | 52  | 6  | 2  |    |    |    |    |     | 2  | 15                   | 4  | 4  |    |    |    |    |    |     |  |  |
| 80-84              |    | 2  | 11 | 13 | 2  |    |    |    |    |     | 2                  | 11  | 32  | 15 | 6  | 2  |    |    |    |     | 2  | 19                   |    |    |    |    |    |    |    |     |  |  |
| 75-79              |    |    | 2  | 9  | 4  |    | 2  |    |    |     |                    | 9   | 15  | 24 | 9  | 9  | 4  |    |    |     | 2  | 2                    |    |    |    |    |    |    |    |     |  |  |
| 70-74              |    |    |    | 6  | 6  |    |    |    |    |     | 2                  |     | 4   | 13 | 6  | 6  | 4  | 2  |    |     |    |                      |    | 2  | 2  |    |    |    |    |     |  |  |
| 65-69              |    |    |    | 2  | 6  | 9  | 6  |    | 6  |     |                    |     |     | 4  | 9  | 2  | 4  |    |    |     |    |                      |    | 2  |    | 2  |    |    |    |     |  |  |
| 60-64              |    |    |    |    | 2  | 2  | 2  |    | 2  |     |                    |     |     |    |    |    |    |    |    |     |    |                      |    |    | 2  |    | 2  |    |    |     |  |  |
| 55-59              |    |    |    |    |    |    | 2  |    | 6  | 11  |                    |     |     |    |    |    |    |    | 4  | 2   |    |                      |    |    |    | 2  |    |    |    |     |  |  |
| 50-54              |    |    |    |    |    |    |    | 2  | 2  |     |                    |     |     |    |    |    |    |    |    |     |    |                      |    |    |    | 2  |    |    |    |     |  |  |
| 45-49              |    |    |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |  |
| 40-44              |    |    |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |  |
| 35-39              |    |    |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |  |
| 30-34              |    |    |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |  |
| <30                |    |    |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |  |
| TOTAL              | 6  | 28 | 26 | 32 | 22 | 11 | 13 | 9  | 22 |     | 95                 | 217 | 123 | 62 | 32 | 19 | 13 | 6  | 4  |     | 49 | 88                   | 34 | 9  | 4  | 4  |    | 2  |    |     |  |  |
| NUMBER             | 3  | 13 | 12 | 15 | 10 | 5  | 6  | 4  | 10 | 0   | 44                 | 101 | 57  | 29 | 15 | 9  | 6  | 3  | 2  | 0   | 23 | 41                   | 16 | 4  | 2  | 2  | 0  | 1  | 0  | 0   |  |  |

| WIND SPEED 15-19 MPH |    |    |   |   |   |   |   |   |   |   | WIND SPEED GREATER/EQUAL 20 MPH |   |   |   |   |   |   |   |   |   |      | TOTAL | NUMBER |
|----------------------|----|----|---|---|---|---|---|---|---|---|---------------------------------|---|---|---|---|---|---|---|---|---|------|-------|--------|
| <100                 | 9  | 6  |   |   |   |   |   |   |   |   | 2                               |   |   |   |   |   |   |   |   |   | 142  | 66    |        |
| 95-99                | 9  | 9  |   |   |   |   |   |   |   |   |                                 | 2 |   |   |   |   |   |   |   |   | 178  | 83    |        |
| 90-94                | 2  | 2  |   |   |   |   |   |   |   |   | 4                               | 4 |   |   |   |   |   |   |   |   | 174  | 81    |        |
| 85-89                |    | 6  |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   | 125  | 58    |        |
| 80-84                |    | 2  |   | 2 |   |   |   |   |   |   |                                 |   | 2 |   |   |   |   |   |   |   | 125  | 58    |        |
| 75-79                |    |    | 2 |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   | 92   | 43    |        |
| 70-74                |    |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   | 56   | 26    |        |
| 65-69                |    |    |   | 2 |   |   |   |   |   |   |                                 |   |   |   |   | 2 |   |   |   |   | 60   | 28    |        |
| 60-64                |    |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   | 15   | 7     |        |
| 55-59                |    |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   | 28   | 13    |        |
| 50-54                |    |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   | 4    | 2     |        |
| 45-49                |    |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |      | 0     |        |
| 40-44                |    |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |      | 0     |        |
| 35-39                |    |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |      | 0     |        |
| 30-34                |    |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |      | 0     |        |
| <30                  |    |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |      | 0     |        |
| TOTAL                | 19 | 26 | 2 | 4 |   |   |   |   |   |   | 6                               | 6 |   | 2 |   |   | 2 |   |   |   | 1000 |       |        |
| NUMBER               | 9  | 12 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3                               | 3 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |      | 465   |        |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101039

CAMPBELLS FERRY

1964-1978

MONTH SEP

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |    |     |    |    |    |    |    |    |     | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |    |     | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |     |
|----------------|--------------------|----|-----|----|----|----|----|----|----|-----|--------------------|-----|-----|----|----|----|----|----|----|-----|----------------------|----|----|----|----|----|----|----|----|-----|
|                | RELATIVE HUMIDITY  |    |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |     |
|                | 10                 | 20 | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| <100           | 2                  |    |     |    |    |    |    |    |    |     | 2                  | 2   |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 95-99          |                    |    |     |    |    |    |    |    |    |     | 2                  | 17  | 5   |    |    |    |    |    |    |     | 2                    |    |    |    |    |    |    |    |    |     |
| 90-94          |                    | 15 | 2   |    |    |    |    |    |    |     | 2                  | 24  |     |    |    |    |    |    |    |     | 2                    |    | 2  |    |    |    |    |    |    |     |
| 85-89          |                    | 5  | 7   | 5  |    |    |    |    |    |     | 5                  | 41  | 12  |    |    |    |    |    |    |     |                      | 7  | 2  |    |    |    |    |    |    |     |
| 80-84          |                    | 10 | 46  | 7  |    |    |    |    |    |     | 2                  | 19  | 39  | 10 |    |    |    |    |    |     |                      | 2  | 5  |    |    |    |    |    |    |     |
| 75-79          |                    | 7  | 22  | 31 | 2  |    |    |    |    |     | 5                  | 29  | 31  | 12 |    |    |    |    |    |     |                      | 5  |    |    |    |    |    |    |    |     |
| 70-74          |                    | 12 | 34  | 34 | 12 |    | 2  |    |    |     | 5                  | 29  | 10  |    | 2  | 2  | 2  |    |    |     |                      | 5  | 5  | 2  | 5  |    |    |    |    |     |
| 65-69          |                    |    | 15  | 10 | 19 | 7  | 2  | 5  | 2  |     | 2                  | 2   | 19  | 15 | 22 | 7  |    |    |    |     |                      | 7  | 5  | 7  | 2  |    | 2  |    |    | 2   |
| 60-64          |                    | 5  |     | 7  | 7  | 10 | 7  | 5  | 2  | 2   |                    | 5   | 7   | 7  | 5  | 7  |    |    |    |     |                      | 2  | 5  |    |    |    |    |    |    |     |
| 55-59          |                    |    |     | 7  | 7  | 2  | 5  | 7  | 7  |     |                    | 5   | 7   | 2  | 2  | 2  | 5  | 2  |    |     |                      |    |    |    |    |    |    | 2  |    |     |
| 50-54          |                    |    |     |    |    | 2  | 5  | 12 | 5  |     |                    | 2   | 2   | 2  |    |    |    | 7  |    |     |                      |    |    |    |    |    |    |    |    |     |
| 45-49          |                    |    |     |    |    |    |    | 2  |    |     |                    |     |     |    |    |    | 2  |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 40-44          |                    |    |     |    |    |    |    |    | 2  |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 35-39          |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 30-34          |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| <30            |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| TOTAL          | 2                  | 53 | 126 | 97 | 48 | 19 | 19 | 24 | 27 | 10  | 22                 | 140 | 148 | 63 | 36 | 17 | 12 | 7  | 10 |     | 5                    | 24 | 24 | 15 | 7  |    | 2  | 2  | 2  |     |
| NUMBER         | 1                  | 22 | 52  | 40 | 20 | 8  | 8  | 10 | 11 | 4   | 9                  | 58  | 61  | 26 | 15 | 7  | 5  | 3  | 4  | 0   | 2                    | 10 | 10 | 6  | 3  | 0  | 1  | 1  | 1  | 0   |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |     | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |     | TOTAL NUMBER |     |
|----------------|----------------------|----|----|----|----|----|----|----|----|-----|---------------------------------|----|----|----|----|----|----|----|----|-----|--------------|-----|
|                |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |     |
|                | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                              | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |              |     |
| <100           | 2                    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 10           | 4   |
| 95-99          |                      |    |    |    |    |    |    |    |    |     | 2                               |    |    |    |    |    |    |    |    |     | 29           | 12  |
| 90-94          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 48           | 20  |
| 85-89          |                      | 2  | 2  | 2  |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 90           | 37  |
| 80-84          | 2                    | 2  | 2  |    |    |    |    |    |    |     | 2                               |    |    |    |    |    |    |    |    |     | 150          | 62  |
| 75-79          |                      | 2  |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 148          | 61  |
| 70-74          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 162          | 67  |
| 65-69          |                      |    | 2  |    | 2  |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 160          | 66  |
| 60-64          |                      |    | 2  |    |    |    |    |    |    |     |                                 |    |    |    | 2  |    |    |    |    |     | 90           | 37  |
| 55-59          |                      |    |    | 2  |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 63           | 26  |
| 50-54          |                      |    | 2  |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 41           | 17  |
| 45-49          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 5            | 2   |
| 40-44          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 5            | 2   |
| 35-39          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| 30-34          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| <30            |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| TOTAL          | 2                    | 10 | 12 | 2  | 2  |    |    |    |    |     | 2                               | 2  |    |    | 2  |    |    |    |    |     | 1000         |     |
| NUMBER         | 1                    | 4  | 5  | 1  | 1  | 0  | 0  | 0  | 0  | 0   | 1                               | 1  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   |              | 413 |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WINDSPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101032

RED RIVER RS

1964-1983

MONTH

JUN

---

WIND SPEED 0-4 MPH

I

WIND SPEED 5-9 MPH

I

WIND SPEED 10-14 MPH

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RELATIVE HUMIDITY

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RELATIVE HUMIDITY

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RELATIVE HUMIDITY

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(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101032

RED RIVER RS

1964-1983

MONTH JUL  
 ---

| WIND SPEED 0-4 MPH   |    |    |     |    |    |    |    |    |    |     | WIND SPEED 5-9 MPH              |    |    |     |     |    |    |    |    |     |    | WIND SPEED 10-14 MPH |      |        |     |    |    |    |    |     |   |   |
|----------------------|----|----|-----|----|----|----|----|----|----|-----|---------------------------------|----|----|-----|-----|----|----|----|----|-----|----|----------------------|------|--------|-----|----|----|----|----|-----|---|---|
| RELATIVE HUMIDITY    |    |    |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY               |    |    |     |     |    |    |    |    |     |    | RELATIVE HUMIDITY    |      |        |     |    |    |    |    |     |   |   |
| TEMP.                | 1  | 11 | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                               | 11 | 21 | 31  | 41  | 51 | 61 | 71 | 81 | 91  | 1  | 11                   | 21   | 31     | 41  | 51 | 61 | 71 | 81 | 91  |   |   |
| DEG F                | 10 | 20 | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                              | 20 | 30 | 40  | 50  | 60 | 70 | 80 | 90 | 100 | 10 | 20                   | 30   | 40     | 50  | 60 | 70 | 80 | 90 | 100 |   |   |
| <100                 |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        |     |    |    |    |    |     |   |   |
| 95-99                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        |     |    |    |    |    |     |   |   |
| 90-94                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        |     |    |    |    |    |     |   |   |
| 85-89                |    | 8  | 7   |    |    |    |    |    |    |     |                                 |    | 7  | 3   |     |    |    |    |    |     |    |                      | 3    |        |     |    |    |    |    |     |   |   |
| 80-84                |    | 24 | 29  | 5  | 2  |    | 2  |    |    |     |                                 | 3  | 33 | 29  | 5   |    |    |    |    |     |    |                      | 7    | 10     |     |    |    |    |    |     |   |   |
| 75-79                |    | 5  | 33  | 20 | 8  |    | 2  |    |    |     |                                 | 3  | 28 | 67  | 42  | 7  | 2  |    |    |     |    |                      | 8    | 10     |     | 3  | 2  |    |    |     |   |   |
| 70-74                |    | 3  | 29  | 23 | 23 |    | 2  |    |    |     |                                 |    | 7  | 16  | 46  | 18 | 2  |    |    |     |    |                      |      | 3      | 16  | 8  |    |    |    |     |   |   |
| 65-69                |    |    | 5   | 8  | 29 | 11 | 5  | 2  |    |     |                                 |    | 2  | 8   | 29  | 21 | 3  |    |    |     |    |                      |      | 5      | 2   | 5  | 3  |    |    |     |   |   |
| 60-64                |    |    | 3   | 10 | 11 | 18 | 10 | 10 | 3  | 2   | 2                               |    |    | 3   | 8   | 16 | 11 | 2  | 2  |     |    |                      |      |        | 5   | 7  | 2  | 2  |    |     |   |   |
| 55-59                |    |    |     |    | 2  | 10 | 7  | 2  | 2  | 2   | 1                               |    |    |     | 3   | 7  | 2  | 5  | 2  |     | 2  |                      |      |        |     |    |    |    |    |     |   |   |
| 50-54                |    |    |     |    | 7  | 5  | 3  | 8  | 7  | 3   | 1                               |    |    |     |     | 2  | 2  | 3  | 2  | 3   |    | 2                    |      |        | 3   |    |    |    |    |     |   |   |
| 45-49                |    |    |     |    |    | 2  | 5  | 2  | 2  | 5   | 1                               |    |    |     |     |    |    |    |    |     |    |                      |      |        |     |    |    |    |    |     |   |   |
| 40-44                |    |    |     |    |    |    |    |    |    | 2   | 1                               |    |    |     |     |    |    |    |    |     |    |                      |      |        |     |    |    |    |    |     |   |   |
| 35-39                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        |     |    |    |    |    |     |   |   |
| 30-34                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        |     |    |    |    |    |     |   |   |
| <30                  |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        |     |    |    |    |    |     |   |   |
| TOTAL                |    | 41 | 106 | 65 | 81 | 47 | 33 | 24 | 13 | 13  |                                 | 7  | 75 | 127 | 135 | 70 | 23 | 8  | 8  |     | 3  |                      | 18   | 28     | 26  | 23 | 10 | 10 | 2  |     |   |   |
| NUMBER               | 0  | 25 | 65  | 40 | 50 | 29 | 20 | 15 | 8  | 8   | 1                               | 4  | 46 | 78  | 83  | 43 | 14 | 5  | 5  | 0   | 2  | 1                    | 0    | 11     | 17  | 16 | 14 | 6  | 6  | 1   | 0 | 0 |
| WIND SPEED 15-19 MPH |    |    |     |    |    |    |    |    |    |     | WIND SPEED GREATER/EQUAL 20 MPH |    |    |     |     |    |    |    |    |     |    | TOTAL                |      | NUMBER |     |    |    |    |    |     |   |   |
| <100                 |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        |     |    |    |    |    |     |   |   |
| 95-99                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        |     |    |    |    |    |     |   |   |
| 90-94                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        |     |    |    |    |    |     |   |   |
| 85-89                |    | 2  |     | 2  |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      | 29   |        | 18  |    |    |    |    |     |   |   |
| 80-84                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      | 151  |        | 93  |    |    |    |    |     |   |   |
| 75-79                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      | 237  |        | 146 |    |    |    |    |     |   |   |
| 70-74                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      | 197  |        | 121 |    |    |    |    |     |   |   |
| 65-69                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      | 140  |        | 86  |    |    |    |    |     |   |   |
| 60-64                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      | 128  |        | 79  |    |    |    |    |     |   |   |
| 55-59                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      | 50   |        | 31  |    |    |    |    |     |   |   |
| 50-54                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      | 49   |        | 30  |    |    |    |    |     |   |   |
| 45-49                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      | 15   |        | 9   |    |    |    |    |     |   |   |
| 40-44                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      | 3    |        | 2   |    |    |    |    |     |   |   |
| 35-39                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        | 0   |    |    |    |    |     |   |   |
| 30-34                |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        | 0   |    |    |    |    |     |   |   |
| <30                  |    |    |     |    |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      |      |        | 0   |    |    |    |    |     |   |   |
| TOTAL                |    | 2  | 2   | 3  |    |    |    |    |    |     |                                 |    |    |     |     |    |    |    |    |     |    |                      | 1000 |        |     |    |    |    |    |     |   |   |
| NUMBER               | 0  | 1  | 1   | 2  | 0  | 0  | 0  | 0  | 0  | 0   | 1                               | 0  | 0  | 0   | 0   | 0  | 0  | 0  | 0  | 0   | 0  | 1                    |      | 615    |     |    |    |    |    |     |   |   |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101032

RED RIVER RS

1964-1983

| MONTH                |   | AUG               |    | WIND SPEED 0-4 MPH |    |    |    |    |    |    |     |                                 |    | WIND SPEED 5-9 MPH |     |    |    |    |    |    |    |                   |        | WIND SPEED 10-14 MPH |      |    |    |    |    |    |     |    |     |
|----------------------|---|-------------------|----|--------------------|----|----|----|----|----|----|-----|---------------------------------|----|--------------------|-----|----|----|----|----|----|----|-------------------|--------|----------------------|------|----|----|----|----|----|-----|----|-----|
|                      |   | RELATIVE HUMIDITY |    |                    |    |    |    |    |    |    |     | RELATIVE HUMIDITY               |    |                    |     |    |    |    |    |    |    | RELATIVE HUMIDITY |        |                      |      |    |    |    |    |    |     |    |     |
| TEMP.                |   | 1                 | 11 | 21                 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                               | 11 | 21                 | 31  | 41 | 51 | 61 | 71 | 81 | 91 | 1                 | 11     | 21                   | 31   | 41 | 51 | 61 | 71 | 81 | 91  |    |     |
| DEG F                |   | TO                | TO | TO                 | TO | TO | TO | TO | TO | TO | TO  | TO                              | TO | TO                 | TO  | TO | TO | TO | TO | TO | TO | TO                | TO     | TO                   | TO   | TO | TO | TO | TO | TO | TO  |    |     |
|                      |   | 10                | 20 | 30                 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |                                 | 10 | 20                 | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100               |        | 10                   | 20   | 30 | 40 | 50 | 60 | 70 | 80  | 90 | 100 |
| <hr/>                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    |     |    |     |
| <100                 |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    |     |    |     |
| 95-99                |   |                   |    |                    |    |    |    |    |    |    |     |                                 | 2  | 2                  |     |    |    |    |    |    |    |                   |        |                      | 2    |    |    |    |    |    |     |    |     |
| 90-94                | 2 | 11                |    |                    |    |    |    |    |    |    |     |                                 | 21 | 8                  |     |    |    |    |    |    |    |                   |        | 2                    | 2    |    |    |    |    |    |     |    |     |
| 85-89                |   | 29                | 18 | 2                  |    |    |    |    |    |    |     |                                 | 28 | 34                 | 5   |    |    |    |    |    |    |                   |        | 10                   | 8    |    |    |    |    |    |     |    |     |
| 80-84                |   | 7                 | 62 | 13                 | 5  | 2  |    |    |    |    |     |                                 | 21 | 63                 | 13  | 3  |    |    |    |    |    |                   | 2      | 7                    | 18   | 7  |    |    |    |    |     |    |     |
| 75-79                |   | 3                 | 13 | 31                 | 8  | 3  | 2  |    |    |    |     |                                 | 10 | 29                 | 39  | 7  |    |    |    |    |    |                   |        | 2                    | 7    | 10 | 2  |    |    |    |     |    |     |
| 70-74                |   |                   | 2  | 3                  | 16 | 10 | 15 | 3  | 3  |    |     |                                 | 18 | 24                 | 33  | 5  | 2  |    |    |    |    |                   |        | 8                    | 10   | 7  |    | 2  |    |    |     |    |     |
| 65-69                |   |                   |    | 3                  | 16 | 10 | 8  | 7  | 2  | 3  |     |                                 | 2  | 10                 | 13  | 11 | 7  | 2  |    |    |    |                   |        |                      | 5    | 3  |    |    |    |    |     |    |     |
| 60-64                |   |                   |    |                    | 2  | 11 | 7  | 7  | 3  | 3  | 1   |                                 |    | 3                  | 7   | 5  | 5  | 2  | 2  |    |    |                   |        |                      | 2    |    | 2  |    |    | 2  |     |    |     |
| 55-59                |   |                   |    |                    |    | 5  | 5  | 10 | 3  | 3  | 7   | 1                               |    |                    |     | 3  | 2  | 3  | 3  |    |    |                   |        |                      |      |    |    | 2  |    | 2  |     |    |     |
| 50-54                |   |                   |    |                    |    |    |    | 2  | 7  | 5  | 8   | 1                               |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    | 2  |     |    |     |
| 45-49                |   |                   |    |                    |    |    |    |    |    | 5  | 7   | 1                               |    |                    |     |    |    |    |    |    |    |                   | 3      | 1                    |      |    |    |    |    |    |     |    |     |
| 40-44                |   |                   |    |                    |    |    |    |    |    |    | 2   | 1                               |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    |     |    |     |
| 35-39                |   |                   |    |                    |    |    |    |    |    |    |     | 1                               |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    |     |    |     |
| 30-34                |   |                   |    |                    |    |    |    |    |    |    |     |                                 | 1  |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    |     |    |     |
| <30                  |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    | 1                  |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    |     |    |     |
| <hr/>                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    |     |    |     |
| TOTAL                |   | 2                 | 52 | 99                 | 80 | 39 | 44 | 29 | 21 | 20 | 26  | 1                               |    | 81                 | 156 | 98 | 62 | 24 | 16 | 8  | 5  | 3                 | 1      | 3                    | 21   | 42 | 31 | 13 | 2  | 3  | 3   | 2  |     |
| NUMBER               |   | 1                 | 32 | 61                 | 49 | 24 | 27 | 18 | 13 | 12 | 16  | 1                               |    | 0                  | 50  | 96 | 60 | 38 | 15 | 10 | 5  | 3                 | 2      | 2                    | 13   | 26 | 19 | 8  | 1  | 2  | 2   | 1  | 0   |
| <hr/>                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    |     |    |     |
| WIND SPEED 15-19 MPH |   |                   |    |                    |    |    |    |    |    |    |     | WIND SPEED GREATER/EQUAL 20 MPH |    |                    |     |    |    |    |    |    |    | TOTAL             | NUMBER |                      |      |    |    |    |    |    |     |    |     |
|                      |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    |     |    |     |
| <100                 |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    | 0   |    |     |
| 95-99                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      | 5    |    |    |    |    |    | 3   |    |     |
| 90-94                | 2 |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      | 47   |    |    |    |    |    | 29  |    |     |
| 85-89                |   | 2                 | 2  |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      | 137  |    |    |    |    |    | 84  |    |     |
| 80-84                |   |                   | 2  |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      | 223  |    |    |    |    |    | 137 |    |     |
| 75-79                |   |                   |    | 2                  | 2  |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      | 167  |    |    |    |    |    | 103 |    |     |
| 70-74                |   |                   |    |                    |    |    | 2  |    |    |    |     |                                 |    |                    |     | 2  |    |    |    |    |    |                   |        |                      | 163  |    |    |    |    |    | 100 |    |     |
| 65-69                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      | 101  |    |    |    |    |    | 62  |    |     |
| 60-64                |   |                   |    |                    |    | 2  |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      | 65   |    |    |    |    |    | 40  |    |     |
| 55-59                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      | 50   |    |    |    |    |    | 31  |    |     |
| 50-54                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      | 26   |    |    |    |    |    | 16  |    |     |
| 45-49                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      | 15   |    |    |    |    |    | 9   |    |     |
| 40-44                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      | 2    |    |    |    |    |    | 1   |    |     |
| 35-39                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    | 0   |    |     |
| 30-34                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    | 0   |    |     |
| <30                  |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    | 0   |    |     |
| <hr/>                |   |                   |    |                    |    |    |    |    |    |    |     |                                 |    |                    |     |    |    |    |    |    |    |                   |        |                      |      |    |    |    |    |    |     |    |     |
| TOTAL                |   | 3                 | 3  | 2                  | 2  | 2  | 2  |    |    |    |     |                                 |    |                    |     | 2  |    |    |    |    |    |                   |        |                      | 1000 |    |    |    |    |    |     |    |     |
| NUMBER               |   | 2                 | 2  | 1                  | 1  | 1  | 1  | 0  | 0  | 0  | 0   | 1                               | 0  | 0                  | 0   | 0  | 1  | 0  | 0  | 0  | 0  | 0                 | 1      | 615                  |      |    |    |    |    |    |     |    |     |

(con.)

TEMPERATURE - RELATIVE HUMIDITY - WINDSPEED  
PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

RED RIVER RS

1964-1983



(con.)

Table 28 (Con.)

| TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED                 |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     |    |    |    |    |    |    |     |  |  |  |  |
|--------------------------------------------------------------|----|--------------------|----|----|----|----|----|----|----|-----|---------------------------------|--------------------|-----|----|----|----|----|----|----|-----|--------------|----------------------|-----|----|----|----|----|----|----|-----|--|--|--|--|
| PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     |    |    |    |    |    |    |     |  |  |  |  |
| -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED              |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     |    |    |    |    |    |    |     |  |  |  |  |
| STATION NUMBER 101033                                        |    |                    |    |    |    |    |    |    |    |     | RIGGINS RS                      |                    |     |    |    |    |    |    |    |     |              | 1964-1983            |     |    |    |    |    |    |    |     |  |  |  |  |
| MONTH JUN                                                    |    | ---                |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     |    |    |    |    |    |    |     |  |  |  |  |
|                                                              |    | WIND SPEED 0-4 MPH |    |    |    |    |    |    |    |     |                                 | WIND SPEED 5-9 MPH |     |    |    |    |    |    |    |     |              | WIND SPEED 10-14 MPH |     |    |    |    |    |    |    |     |  |  |  |  |
|                                                              |    | RELATIVE HUMIDITY  |    |    |    |    |    |    |    |     |                                 | RELATIVE HUMIDITY  |     |    |    |    |    |    |    |     |              | RELATIVE HUMIDITY    |     |    |    |    |    |    |    |     |  |  |  |  |
| TEMP.                                                        | 1  | 11                 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                               | 11                 | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1            | 11                   | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  |  |  |  |  |
| DEG F                                                        | 10 | 20                 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                              | 20                 | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10           | 20                   | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |  |
| <100                                                         |    | 3                  |    |    |    |    |    |    |    |     |                                 | 2                  |     |    |    |    |    |    |    |     |              | 3                    | 2   |    |    |    |    |    |    |     |  |  |  |  |
| 95-99                                                        |    | 5                  |    |    |    |    |    |    |    |     |                                 |                    | 7   | 7  |    |    |    |    |    |     |              | 2                    | 5   |    |    |    |    |    |    |     |  |  |  |  |
| 90-94                                                        | 2  | 7                  | 3  | 3  |    |    |    |    |    |     | 2                               | 22                 | 12  | 7  |    |    |    |    |    |     |              |                      | 12  | 15 |    |    |    |    |    |     |  |  |  |  |
| 85-89                                                        |    | 12                 | 9  | 10 |    |    |    |    |    |     | 2                               | 14                 | 34  | 9  | 2  |    |    |    |    |     |              |                      | 17  | 24 |    |    |    |    |    |     |  |  |  |  |
| 80-84                                                        | 2  | 9                  | 9  | 15 | 2  |    |    |    |    |     |                                 | 14                 | 31  | 17 | 5  |    |    |    |    |     |              | 7                    | 27  | 20 | 3  |    |    |    |    |     |  |  |  |  |
| 75-79                                                        |    | 2                  | 7  | 9  | 9  | 2  |    |    |    |     | 2                               | 10                 | 36  | 14 | 7  | 3  | 2  |    |    |     |              | 2                    | 22  | 9  | 2  | 2  |    |    |    |     |  |  |  |  |
| 70-74                                                        |    | 2                  | 3  | 15 | 7  | 9  | 3  |    |    |     |                                 | 9                  | 20  | 24 | 22 | 9  | 2  |    |    |     |              |                      | 19  | 12 | 5  | 5  | 5  |    |    |     |  |  |  |  |
| 65-69                                                        |    |                    | 5  | 3  | 9  | 5  | 3  |    | 2  |     |                                 |                    | 7   | 20 | 7  | 9  |    | 2  | 2  |     |              |                      | 2   | 2  | 5  | 5  |    |    |    |     |  |  |  |  |
| 60-64                                                        |    |                    | 2  | 2  | 3  | 12 | 7  | 14 | 2  |     |                                 |                    | 2   | 3  | 12 | 5  | 5  | 2  | 3  |     |              |                      |     | 2  | 2  | 7  | 3  |    | 3  |     |  |  |  |  |
| 55-59                                                        |    |                    |    | 2  |    | 5  | 5  | 3  | 7  |     |                                 |                    |     |    | 2  | 5  | 5  | 9  | 2  |     |              |                      |     |    | 5  | 2  | 2  |    |    |     |  |  |  |  |
| 50-54                                                        |    |                    |    |    | 2  |    | 2  | 3  |    |     |                                 |                    |     |    |    | 2  | 2  | 2  |    |     |              |                      |     |    | 2  |    |    |    |    |     |  |  |  |  |
| 45-49                                                        |    |                    |    |    |    |    | 2  |    |    |     |                                 |                    |     |    |    |    |    | 2  |    |     |              |                      |     |    |    |    |    |    |    |     |  |  |  |  |
| 40-44                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     |    |    |    |    |    |    |     |  |  |  |  |
| 35-39                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     |    |    |    |    |    |    |     |  |  |  |  |
| 30-34                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     |    |    |    |    |    |    |     |  |  |  |  |
| <30                                                          |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     |    |    |    |    |    |    |     |  |  |  |  |
| TOTAL                                                        | 3  | 39                 | 37 | 60 | 29 | 34 | 20 | 19 | 14 |     | 7                               | 75                 | 148 | 94 | 56 | 32 | 15 | 15 | 7  |     | 5            | 44                   | 111 | 48 | 29 | 17 | 7  | 3  |    |     |  |  |  |  |
| NUMBER                                                       | 2  | 23                 | 22 | 35 | 17 | 20 | 12 | 11 | 8  | 0   | 4                               | 44                 | 87  | 55 | 33 | 19 | 9  | 9  | 4  | 0   | 3            | 26                   | 65  | 28 | 17 | 10 | 4  | 2  | 0  | 0   |  |  |  |  |
| WIND SPEED 15-19 MPH                                         |    |                    |    |    |    |    |    |    |    |     | WIND SPEED GREATER/EQUAL 20 MPH |                    |     |    |    |    |    |    |    |     | TOTAL NUMBER |                      |     |    |    |    |    |    |    |     |  |  |  |  |
| <100                                                         |    | 2                  |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              | 12                   | 7   |    |    |    |    |    |    |     |  |  |  |  |
| 95-99                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              | 26                   | 15  |    |    |    |    |    |    |     |  |  |  |  |
| 90-94                                                        | 2  |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              | 87                   | 51  |    |    |    |    |    |    |     |  |  |  |  |
| 85-89                                                        |    |                    | 2  | 2  | 2  |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              | 139                  | 82  |    |    |    |    |    |    |     |  |  |  |  |
| 80-84                                                        |    |                    | 2  |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              | 162                  | 95  |    |    |    |    |    |    |     |  |  |  |  |
| 75-79                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              | 138                  | 81  |    |    |    |    |    |    |     |  |  |  |  |
| 70-74                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              | 182                  | 107 |    |    |    |    |    |    |     |  |  |  |  |
| 65-69                                                        |    |                    |    |    | 3  | 2  |    |    |    |     |                                 |                    |     |    |    |    | 2  |    |    |     |              | 94                   | 55  |    |    |    |    |    |    |     |  |  |  |  |
| 60-64                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    | 2  |    |    |     |              | 92                   | 54  |    |    |    |    |    |    |     |  |  |  |  |
| 55-59                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              | 53                   | 31  |    |    |    |    |    |    |     |  |  |  |  |
| 50-54                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              | 14                   | 8   |    |    |    |    |    |    |     |  |  |  |  |
| 45-49                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              | 3                    | 2   |    |    |    |    |    |    |     |  |  |  |  |
| 40-44                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     | 0  |    |    |    |    |    |     |  |  |  |  |
| 35-39                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     |    | 0  |    |    |    |    |     |  |  |  |  |
| 30-34                                                        |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     |    |    | 0  |    |    |    |     |  |  |  |  |
| <30                                                          |    |                    |    |    |    |    |    |    |    |     |                                 |                    |     |    |    |    |    |    |    |     |              |                      |     |    |    |    | 0  |    |    |     |  |  |  |  |
| TOTAL                                                        | 2  | 3                  | 5  | 5  | 7  | 3  | 2  |    |    |     |                                 |                    |     |    | 2  |    | 3  |    |    |     |              | 1000                 |     |    |    |    |    |    |    |     |  |  |  |  |
| NUMBER                                                       | 1  | 2                  | 3  | 3  | 4  | 2  | 1  | 0  | 0  | 0   | 1                               | 0                  | 0   | 0  | 1  | 0  | 2  | 0  | 0  | 0   | 1            | 588                  |     |    |    |    |    |    |    |     |  |  |  |  |

TEMPERATURE - RELATIVE HUMIDITY - WINDSPEED  
PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

RIGGINS RS

1964-1983

MONTH JUL  
555

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101033

RIGGINS RS

1964-1983

MONTH AUG

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |          |          |          |          |          |          |          |          |           | I  | WIND SPEED 5-9 MPH |          |          |          |          |          |          |          |          |           | I  | WIND SPEED 10-14 MPH |          |          |          |          |          |          |          |          |            | I |
|----------------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|------------|---|
|                | RELATIVE HUMIDITY  |          |          |          |          |          |          |          |          |           |    | RELATIVE HUMIDITY  |          |          |          |          |          |          |          |          |           |    | RELATIVE HUMIDITY    |          |          |          |          |          |          |          |          |            |   |
|                | 1<br>10            | 11<br>20 | 21<br>30 | 31<br>40 | 41<br>50 | 51<br>60 | 61<br>70 | 71<br>80 | 81<br>90 | 91<br>100 |    | 1<br>10            | 11<br>20 | 21<br>30 | 31<br>40 | 41<br>50 | 51<br>60 | 61<br>70 | 71<br>80 | 81<br>90 | 91<br>100 |    | 1<br>10              | 11<br>20 | 21<br>30 | 31<br>40 | 41<br>50 | 51<br>60 | 71<br>70 | 81<br>80 | 91<br>90 | 101<br>100 |   |
| <100           | 16                 | 23       |          |          |          |          |          |          |          | I         | 23 | 18                 | 2        |          |          |          |          |          |          |          | I         | 8  | 6                    |          |          |          |          |          |          |          |          |            |   |
| 95-99          | 5                  | 26       | 15       |          |          |          |          |          |          | I         | 11 | 56                 | 8        | 2        |          |          |          |          |          |          | I         | 8  | 26                   |          |          |          |          |          |          |          |          |            |   |
| 90-94          | 2                  | 31       | 13       | 2        |          |          |          |          |          | I         | 5  | 66                 | 31       | 3        |          |          |          |          |          |          | I         | 8  | 35                   | 21       |          |          |          |          |          |          |          |            |   |
| 85-89          |                    | 6        | 24       | 10       |          | 2        |          |          |          | I         | 2  | 37                 | 29       | 3        |          | 2        |          |          |          |          | I         |    | 16                   | 13       |          | 5        |          |          |          |          |          |            |   |
| 80-84          |                    | 5        | 16       | 8        | 3        |          |          |          |          | I         |    | 11                 | 37       | 24       | 2        |          |          |          |          |          | I         |    | 8                    | 18       | 6        | 3        |          |          |          |          |          |            |   |
| 75-79          |                    |          | 6        | 16       | 5        | 2        |          |          |          | I         |    | 3                  | 11       | 10       | 5        | 3        |          |          |          |          | I         |    | 3                    | 6        | 8        | 3        |          |          |          |          |          |            |   |
| 70-74          |                    | 2        | 2        | 6        | 5        | 3        | 3        |          | 2        | I         |    | 6                  | 15       | 11       |          |          |          | 2        |          |          | I         |    | 2                    | 3        | 5        | 3        | 2        |          |          |          |          |            |   |
| 65-69          |                    |          | 3        | 3        | 6        | 2        | 2        |          | 5        | I         |    | 2                  | 3        | 2        |          |          |          |          |          | I        |           |    |                      | 2        | 2        | 2        | 2        |          |          |          |          |            |   |
| 60-64          |                    |          |          |          | 2        | 6        | 2        |          | 3        | I         |    |                    |          |          | 2        | 3        |          | 2        |          | I        |           |    |                      |          |          |          |          |          |          |          |          |            |   |
| 55-59          |                    |          |          |          |          |          |          | 2        | 3        | I         |    |                    |          |          |          |          |          |          |          | I        |           |    |                      | 2        |          |          |          |          |          |          |          |            |   |
| 50-54          |                    |          |          |          |          |          |          |          |          | I         |    |                    |          |          |          |          |          |          |          | I        |           |    |                      |          |          |          |          |          |          |          |          |            |   |
| 45-49          |                    |          |          |          |          |          |          |          |          | I         |    |                    |          |          |          |          |          |          |          | I        |           |    |                      |          |          |          |          |          |          |          |          |            |   |
| 40-44          |                    |          |          |          |          |          |          |          |          | I         |    |                    |          |          |          |          |          |          |          | I        |           |    |                      |          |          |          |          |          |          |          |          |            |   |
| 35-39          |                    |          |          |          |          |          |          |          |          | I         |    |                    |          |          |          |          |          |          |          | I        |           |    |                      |          |          |          |          |          |          |          |          |            |   |
| 30-34          |                    |          |          |          |          |          |          |          |          | I         |    |                    |          |          |          |          |          |          |          | I        |           |    |                      |          |          |          |          |          |          |          |          |            |   |
| <30            |                    |          |          |          |          |          |          |          |          | I         |    |                    |          |          |          |          |          |          |          | I        |           |    |                      |          |          |          |          |          |          |          |          |            |   |
| TOTAL          | 23                 | 92       | 79       | 45       | 21       | 15       | 6        | 5        | 13       | 3         | I  | 40                 | 192      | 126      | 60       | 21       | 6        | 5        | 2        | 2        | I         | 24 | 95                   | 60       | 24       | 13       | 5        | 3        |          |          |          |            |   |
| NUMBER         | 14                 | 57       | 49       | 28       | 13       | 9        | 4        | 3        | 8        | 2         | I  | 25                 | 119      | 78       | 37       | 13       | 4        | 3        | 1        | 1        | 0         | I  | 15                   | 59       | 37       | 15       | 8        | 3        | 2        | 0        | 0        | 0          |   |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |          |          |          |          |          |          |          |          |           | I | WIND SPEED GREATER/EQUAL 20 MPH |          |          |          |          |          |          |          |          |           | I    | TOTAL NUMBER |     |
|----------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|---|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|------|--------------|-----|
|                | RELATIVE HUMIDITY    |          |          |          |          |          |          |          |          |           |   | RELATIVE HUMIDITY               |          |          |          |          |          |          |          |          |           |      |              |     |
|                | 1<br>10              | 11<br>20 | 21<br>30 | 31<br>40 | 41<br>50 | 51<br>60 | 61<br>70 | 71<br>80 | 81<br>90 | 91<br>100 |   | 1<br>10                         | 11<br>20 | 21<br>30 | 31<br>40 | 41<br>50 | 51<br>60 | 61<br>70 | 71<br>80 | 81<br>90 | 91<br>100 |      |              |     |
| <100           |                      |          |          |          |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         | 95   | 59           |     |
| 95-99          |                      |          | 2        |          |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         | 158  | 98           |     |
| 90-94          |                      |          |          |          |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         | 216  | 134          |     |
| 85-89          |                      | 2        |          | 2        |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         | 152  | 94           |     |
| 80-84          |                      |          | 2        | 2        | 2        |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         | 147  | 91           |     |
| 75-79          |                      |          | 3        | 2        |          | 2        |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         | 89   | 55           |     |
| 70-74          |                      |          |          |          |          | 2        |          |          |          | I         |   |                                 |          |          | 2        |          |          |          |          |          | I         | 74   | 46           |     |
| 65-69          |                      |          |          |          |          |          |          |          |          | I         |   |                                 |          |          |          | 2        |          |          |          |          | I         | 35   | 22           |     |
| 60-64          |                      |          |          |          |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         | 26   | 16           |     |
| 55-59          |                      |          |          |          |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         | 8    | 5            |     |
| 50-54          |                      |          |          |          |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         |      | 0            |     |
| 45-49          |                      |          |          |          |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         |      | 0            |     |
| 40-44          |                      |          |          |          |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         |      | 0            |     |
| 35-39          |                      |          |          |          |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         |      | 0            |     |
| 30-34          |                      |          |          |          |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         |      | 0            |     |
| <30            |                      |          |          |          |          |          |          |          |          | I         |   |                                 |          |          |          |          |          |          |          |          | I         |      | 0            |     |
| TOTAL          |                      | 2        | 6        | 5        | 2        | 3        |          |          |          | I         |   |                                 |          |          | 2        | 2        |          |          |          |          | I         | 1000 |              |     |
| NUMBER         | 0                    | 1        | 4        | 3        | 1        | 2        | 0        | 0        | 0        | 0         | I | 0                               | 0        | 0        | 0        | 1        | 1        | 0        | 0        | 0        | 0         | I    |              | 620 |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101033

RIGGINS RS

1964-1983

MONTH SEP

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |    |     |    |    |    |    |    |    |    |     | I | WIND SPEED 5-9 MPH |    |     |     |    |    |    |    |    |    |     | I  | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |    |     | I |   |   |  |
|----------------|--------------------|----|-----|----|----|----|----|----|----|----|-----|---|--------------------|----|-----|-----|----|----|----|----|----|----|-----|----|----------------------|----|----|----|----|----|----|----|----|----|-----|---|---|---|--|
|                | RELATIVE HUMIDITY  |    |     |    |    |    |    |    |    |    |     |   | RELATIVE HUMIDITY  |    |     |     |    |    |    |    |    |    |     |    | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |    |     |   |   |   |  |
|                | 10                 | 11 | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 100 |   | 10                 | 11 | 21  | 31  | 41 | 51 | 61 | 71 | 81 | 91 | 100 |    | 10                   | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 100 |   |   |   |  |
| <100           |                    | 2  |     |    |    |    |    |    |    |    |     | I |                    |    |     |     |    |    |    |    |    |    | I   |    |                      |    |    |    |    |    |    |    |    |    |     |   |   | I |  |
| 95-99          | 2                  | 5  |     |    |    |    |    |    |    |    |     | I | 2                  | 9  |     |     |    |    |    |    |    |    | I   | 2  | 5                    |    |    |    |    |    |    |    |    |    |     |   | I |   |  |
| 90-94          | 2                  | 12 | 7   |    |    |    |    |    |    |    |     | I | 10                 | 7  |     |     |    |    |    |    |    |    | I   | 2  | 12                   |    |    |    |    |    |    |    |    |    |     |   | I |   |  |
| 85-89          | 2                  | 24 | 10  | 2  |    |    |    |    |    |    |     | I | 26                 | 22 | 3   |     |    |    |    |    |    |    | I   | 2  | 16                   | 9  |    |    |    |    |    |    |    |    |     |   | I |   |  |
| 80-84          |                    | 21 | 43  | 9  |    |    |    |    |    |    |     | I | 2                  | 22 | 38  | 12  |    |    |    |    |    |    | I   | 2  | 9                    | 7  | 5  |    |    |    |    |    |    |    |     |   | I |   |  |
| 75-79          | 2                  | 17 | 22  | 14 | 3  |    |    | 2  |    |    |     | I |                    | 5  | 33  | 36  |    |    |    |    |    |    | I   | 2  | 5                    | 17 | 9  |    |    |    |    |    | 2  |    |     | I |   |   |  |
| 70-74          |                    | 7  | 9   | 22 | 10 | 3  | 3  |    | 3  |    |     | I | 2                  | 9  | 28  | 26  | 10 |    |    |    |    |    | I   |    | 5                    | 10 | 2  | 3  | 2  |    |    |    |    |    |     |   | I |   |  |
| 65-69          |                    | 2  | 7   | 7  | 10 | 12 | 3  |    |    |    |     | I | 2                  | 9  | 17  | 12  | 5  | 3  |    |    |    |    | I   |    | 16                   | 7  | 2  | 2  |    |    |    |    |    |    |     |   | I |   |  |
| 60-64          |                    |    | 5   | 5  | 9  | 7  | 3  |    |    |    |     | I |                    | 7  | 9   | 9   | 5  | 2  | 2  |    |    |    | I   |    |                      | 2  | 2  | 2  |    |    |    |    |    |    |     |   | I |   |  |
| 55-59          |                    |    | 3   | 3  | 2  | 2  | 9  | 7  | 5  | 2  |     | I |                    | 2  | 7   | 2   | 2  |    | 3  |    |    |    | I   |    |                      | 2  | 2  | 2  |    |    |    | 2  | 2  |    |     |   | I |   |  |
| 50-54          |                    |    |     |    | 2  | 7  | 7  |    | 2  |    |     | I |                    |    | 2   |     |    | 2  | 3  |    |    |    | I   |    |                      | 2  |    | 2  |    |    |    |    | 2  | 2  |     |   | I |   |  |
| 45-49          |                    |    |     |    |    |    |    |    | 2  |    |     | I |                    |    |     |     |    |    |    |    |    |    | I   |    |                      |    |    |    |    |    |    |    |    |    |     |   | I |   |  |
| 40-44          |                    |    |     |    |    |    |    |    |    |    |     | I |                    |    |     |     |    |    |    |    |    |    | I   |    |                      |    |    |    |    |    |    |    |    |    |     |   | I |   |  |
| 35-39          |                    |    |     |    |    |    |    |    |    |    |     | I |                    |    |     |     |    |    |    |    |    |    | I   |    |                      |    |    |    |    |    |    |    |    |    |     |   | I |   |  |
| 30-34          |                    |    |     |    |    |    |    |    |    |    |     | I |                    |    |     |     |    |    |    |    |    |    | I   |    |                      |    |    |    |    |    |    |    |    |    |     |   | I |   |  |
| <30            |                    |    |     |    |    |    |    |    |    |    | 2   | I |                    |    |     |     |    |    |    |    |    |    | I   |    |                      |    |    |    |    |    |    |    |    |    |     |   | I |   |  |
| TOTAL          | 7                  | 90 | 107 | 62 | 36 | 31 | 28 | 7  | 12 | 3  | I   |   | 5                  | 83 | 145 | 112 | 33 | 16 | 10 | 9  | 2  | I  | 9   | 54 | 62                   | 24 | 10 | 7  | 2  | 2  | 2  |    |    |    |     | I |   |   |  |
| NUMBER         | 4                  | 52 | 62  | 36 | 21 | 18 | 16 | 4  | 7  | 2  | I   |   | 3                  | 48 | 84  | 65  | 19 | 9  | 6  | 5  | 1  | 0  | I   | 5  | 31                   | 36 | 14 | 6  | 4  | 1  | 1  | 1  | 1  | 0  |     |   | I |   |  |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |    |     | I | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |    |     | I | TOTAL |     | NUMBER |  |  |  |
|----------------|----------------------|----|----|----|----|----|----|----|----|----|-----|---|---------------------------------|----|----|----|----|----|----|----|----|----|-----|---|-------|-----|--------|--|--|--|
|                |                      |    |    |    |    |    |    |    |    |    |     |   |                                 |    |    |    |    |    |    |    |    |    |     |   |       |     |        |  |  |  |
|                | 10                   | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 100 |   | 10                              | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 100 |   |       |     |        |  |  |  |
| <100           |                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   | 3     | 2   |        |  |  |  |
| 95-99          |                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   | 24    | 14  |        |  |  |  |
| 90-94          |                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   | 52    | 30  |        |  |  |  |
| 85-89          | 3                    |    | 2  |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   | 121   | 70  |        |  |  |  |
| 80-84          |                      | 2  | 2  |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   | 173   | 100 |        |  |  |  |
| 75-79          |                      | 2  | 5  |    |    |    |    |    |    |    |     | I |                                 | 2  |    |    |    |    |    |    |    |    | I   |   | 178   | 103 |        |  |  |  |
| 70-74          |                      |    | 3  |    | 2  | 3  |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   | 164   | 95  |        |  |  |  |
| 65-69          |                      |    |    |    | 2  |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   | 117   | 68  |        |  |  |  |
| 60-64          |                      |    |    |    |    |    |    |    |    |    |     | I |                                 | 2  |    |    |    |    |    |    |    |    | I   |   | 78    | 45  |        |  |  |  |
| 55-59          |                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   | 57    | 33  |        |  |  |  |
| 50-54          |                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    | 2  |    |    |    |    |    |    | I   |   | 29    | 17  |        |  |  |  |
| 45-49          |                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   | 2     | 1   |        |  |  |  |
| 40-44          |                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   |       | 0   |        |  |  |  |
| 35-39          |                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   |       | 0   |        |  |  |  |
| 30-34          |                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   |       | 0   |        |  |  |  |
| <30            |                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |    | I   |   | 2     | 1   |        |  |  |  |
| TOTAL          | 3                    | 3  | 12 | 3  | 3  |    |    |    |    |    |     | I |                                 | 3  | 2  |    |    |    |    |    |    |    | I   |   | 1000  |     |        |  |  |  |
| NUMBER         | 2                    | 2  | 7  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0   | I | 0                               | 0  | 2  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | I   |   | 579   |     |        |  |  |  |

(con.)

Table 28 (Con.)

| TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED<br>PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS<br>-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|----|----|----|----|---------------------------------|----|----|-----|-----|-----|----|----|----|----|----------------------|----|----|----|----|----|----|----|----|----|-----|-------|----|----|----|----|----|----|----|----|----|-----|--|
| STATION NUMBER 101019                                                                                                                                           |    |    |    |    |    |    |    |    |    | HELLS HALF ACRE LO              |    |    |     |     |     |    |    |    |    | 1964-1983            |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| MONTH JUL                                                                                                                                                       |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| WIND SPEED 0-4 MPH                                                                                                                                              |    |    |    |    |    |    |    |    |    | WIND SPEED 5-9 MPH              |    |    |     |     |     |    |    |    |    | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| RELATIVE HUMIDITY                                                                                                                                               |    |    |    |    |    |    |    |    |    | RELATIVE HUMIDITY               |    |    |     |     |     |    |    |    |    | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| TEMP.                                                                                                                                                           | 1  | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91                              | 1  | 11 | 21  | 31  | 41  | 51 | 61 | 71 | 81 | 91                   | 1  | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | TEMP. | 1  | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  |  |
| DEG F                                                                                                                                                           | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100                             | 10 | 20 | 30  | 40  | 50  | 60 | 70 | 80 | 90 | 100                  | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | DEG F | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |
| <100                                                                                                                                                            |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 95-99                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 90-94                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 85-89                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 80-84                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 75-79                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 70-74                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 65-69                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 60-64                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 55-59                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 50-54                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 45-49                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 40-44                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 35-39                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 30-34                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| <30                                                                                                                                                             |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| TOTAL                                                                                                                                                           | 2  | 34 | 49 | 71 | 48 | 19 | 23 | 12 | 19 | 1                               | 2  | 32 | 102 | 125 | 106 | 55 | 39 | 19 | 7  | 11                   | 1  | 12 | 71 | 39 | 25 | 9  | 7  | 9  | 4  | 2   |       |    |    |    |    |    |    |    |    |    |     |  |
| NUMBER                                                                                                                                                          | 0  | 1  | 19 | 28 | 40 | 27 | 11 | 13 | 7  | 11                              | 1  | 18 | 58  | 71  | 60  | 31 | 22 | 11 | 4  | 6                    | 1  | 0  | 7  | 40 | 22 | 14 | 5  | 4  | 5  | 2   | 1     |    |    |    |    |    |    |    |    |    |     |  |
| WIND SPEED 15-19 MPH                                                                                                                                            |    |    |    |    |    |    |    |    |    | WIND SPEED GREATER/EQUAL 20 MPH |    |    |     |     |     |    |    |    |    | TOTAL                |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| <100                                                                                                                                                            |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 95-99                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 90-94                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 85-89                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 80-84                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 75-79                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 70-74                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 65-69                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 60-64                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 55-59                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 50-54                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 45-49                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 40-44                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |
| 35-39                                                                                                                                                           |    |    |    |    |    |    |    |    |    |                                 |    |    |     |     |     |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |     |       |    |    |    |    |    |    |    |    |    |     |  |

(con.)

TEMPERATURE - RELATIVE HUMIDITY - WINDSPEED  
PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

1964-1983

WIND SPEED 10-14 MPH

| WIND SPEED 15-19 MPH |  |  |  |  |  |  |  |  |  | I | WIND SPEED GREATER/EQUAL 20 MPH |   |   |   |   |   |   |   |   |   | I   | TOTAL | NUMBER |
|----------------------|--|--|--|--|--|--|--|--|--|---|---------------------------------|---|---|---|---|---|---|---|---|---|-----|-------|--------|
| -----                |  |  |  |  |  |  |  |  |  | I | -----                           |   |   |   |   |   |   |   |   |   | I   | ----- |        |
| <100                 |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   |       | 0      |
| 95-99                |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   |       | 0      |
| 90-94                |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   |       | 0      |
| 85-89                |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   |       | 0      |
| 80-84                |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   | 10    | 6      |
| 75-79                |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   | 98    | 57     |
| 70-74                |  |  |  |  |  |  |  |  |  | I | 3                               | 2 |   |   |   |   |   |   |   | I | 210 | 122   |        |
| 65-69                |  |  |  |  |  |  |  |  |  | I | 2                               | 2 |   |   |   |   |   |   |   | I | 205 | 119   |        |
| 60-64                |  |  |  |  |  |  |  |  |  | I |                                 |   | 2 |   |   |   |   |   |   |   | I   | 169   | 98     |
| 55-59                |  |  |  |  |  |  |  |  |  | I |                                 |   | 2 |   |   |   |   |   |   |   | I   | 117   | 68     |
| 50-54                |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   | 78    | 45     |
| 45-49                |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   | 50    | 29     |
| 40-44                |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   | 28    | 16     |
| 35-39                |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   | 17    | 10     |
| 30-34                |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   | 14    | 8      |
| <30                  |  |  |  |  |  |  |  |  |  | I |                                 |   |   |   |   |   |   |   |   |   | I   | 3     | 2      |
| -----                |  |  |  |  |  |  |  |  |  | I | -----                           |   |   |   |   |   |   |   |   |   | I   | ----- |        |
| TOTAL                |  |  |  |  |  |  |  |  |  | I | 5                               | 5 | 3 |   |   |   |   |   |   |   | I   | 1000  |        |
| NUMBER               |  |  |  |  |  |  |  |  |  | I | 0                               | 3 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2   | I     | 580    |

195

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101801

BUNANZA GS

1964-1983

MONTH JUL  
 ---

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |     |    |    |    |    |    |    |    |     | I | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |    |     | I  | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |     | I  |   |   |   |   |  |  |   |   |
|----------------|--------------------|-----|----|----|----|----|----|----|----|-----|---|--------------------|-----|-----|----|----|----|----|----|----|-----|----|----------------------|----|----|----|----|----|----|----|----|-----|----|---|---|---|---|--|--|---|---|
|                | RELATIVE HUMIDITY  |     |    |    |    |    |    |    |    |     |   | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |     |    | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |     |    |   |   |   |   |  |  |   |   |
|                | 10                 | 11  | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  |   | 10                 | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  |    | 10                   | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  |    |   |   |   |   |  |  |   |   |
|                | T0                 | T0  | T0 | T0 | T0 | T0 | T0 | T0 | T0 | T0  | I | T0                 | T0  | T0  | T0 | T0 | T0 | T0 | T0 | T0 | I   | T0 | T0                   | T0 | T0 | T0 | T0 | T0 | T0 | T0 | T0 |     |    |   |   |   |   |  |  |   |   |
|                | 10                 | 20  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10                 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I  | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |    |   |   |   |   |  |  |   |   |
| <100           |                    |     |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I  |                      |    |    |    |    |    |    |    |    |     | I  |   |   |   |   |  |  |   |   |
| 95-99          |                    |     |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I  |                      |    |    |    |    |    |    |    |    |     | I  |   |   |   |   |  |  |   |   |
| 90-94          |                    |     |    |    |    |    |    |    |    |     | I | 2                  |     |     |    |    |    |    |    |    |     | I  |                      |    |    |    |    |    |    |    |    |     | I  |   |   |   |   |  |  |   |   |
| 85-89          | 3                  | 17  | 3  |    |    |    |    |    |    |     | I | 2                  | 15  | 7   |    |    |    |    |    |    |     | I  | 7                    |    |    |    |    |    |    |    |    |     | I  |   |   |   |   |  |  |   |   |
| 80-84          | 2                  | 61  | 17 | 3  |    |    |    |    |    |     |   | I                  | 5   | 89  | 45 | 2  | 2  |    |    |    |     |    |                      |    | I  | 3  | 19 | 5  | 2  |    |    |     |    |   |   |   | I |  |  |   |   |
| 75-79          | 2                  | 19  | 40 | 22 | 3  | 2  |    |    |    |     |   |                    |     | I   | 3  | 52 | 61 | 30 |    |    |     |    |                      |    |    | I  |    | 15 | 13 |    |    |     |    |   |   |   | I |  |  |   |   |
| 70-74          |                    | 5   | 15 | 19 | 8  | 3  |    |    |    |     |   |                    |     | I   | 2  | 27 | 32 | 34 | 8  | 2  | 2   |    |                      |    |    |    |    |    | I  |    | 3  | 12  | 15 | 2 | 2 | 2 |   |  |  | I |   |
| 65-69          |                    | 3   | 3  | 7  | 7  | 3  | 3  |    |    |     |   |                    |     |     | I  | 2  | 8  | 24 | 12 | 7  | 8   |    |                      |    |    |    |    |    | I  |    |    | 5   | 7  | 2 |   | 2 | 2 |  |  |   | I |
| 60-64          |                    |     |    |    | 5  | 2  | 3  | 3  | 3  | 3   | I |                    |     | 2   | 5  | 2  | 7  | 5  | 2  | 3  | I   |    |                      |    | 3  | 3  |    |    |    | 2  |    |     | I  |   |   |   |   |  |  |   |   |
| 55-59          |                    |     |    |    | 3  | 2  | 5  | 5  | 3  | 3   | I |                    |     |     |    | 3  | 5  | 2  | 2  | 3  | I   |    |                      |    | 2  |    |    |    |    |    |    |     | I  |   |   |   |   |  |  |   |   |
| 50-54          |                    |     |    |    |    |    |    |    |    |     | I |                    |     |     |    | 2  |    |    |    | I  |     |    |                      |    |    |    |    |    |    |    |    |     | I  |   |   |   |   |  |  |   |   |
| 45-49          |                    |     |    |    |    | 2  | 3  | 7  | 3  |     | I |                    |     |     | 2  | 2  |    |    |    |    |     |    |                      | I  |    |    |    |    |    |    |    |     |    |   |   | I |   |  |  |   |   |
| 40-44          |                    |     |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    | 2  | I  |     |    |                      |    |    |    |    |    |    |    |    |     | I  |   |   |   |   |  |  |   |   |
| 35-39          |                    |     |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    | I  |     |    |                      |    |    |    |    |    |    |    |    |     |    | I |   |   |   |  |  |   |   |
| 30-34          |                    |     |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    | I  |     |    |                      |    |    |    |    |    |    |    |    |     |    | I |   |   |   |  |  |   |   |
| <30            |                    |     |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    | I  |     |    |                      |    |    |    |    |    |    |    |    |     |    | I |   |   |   |  |  |   |   |
| TOTAL          | 7                  | 108 | 82 | 52 | 27 | 13 | 15 | 15 | 10 | 7   | I | 15                 | 194 | 173 | 81 | 29 | 15 | 12 | 3  | 5  | I   | 3  | 44                   | 34 | 27 | 8  | 2  | 7  | 2  |    |    |     | I  |   |   |   |   |  |  |   |   |
| NUMBER         | 4                  | 64  | 49 | 31 | 16 | 8  | 9  | 9  | 6  | 4   | I | 9                  | 115 | 103 | 48 | 17 | 9  | 7  | 2  | 3  | 0   | I  | 2                    | 26 | 20 | 16 | 5  | 1  | 4  | 1  | 0  | 0   | I  |   |   |   |   |  |  |   |   |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |    | I | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |    | I | TOTAL |        | NUMBER |     |     |      |
|----------------|----------------------|----|----|----|----|----|----|----|----|----|---|---------------------------------|----|----|----|----|----|----|----|----|----|---|-------|--------|--------|-----|-----|------|
|                |                      |    |    |    |    |    |    |    |    |    |   |                                 |    |    |    |    |    |    |    |    |    |   |       |        |        |     |     |      |
|                | 10                   | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 |   | 10                              | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 |   | TOTAL | NUMBER |        |     |     |      |
| <100           |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I |       |        |        | 0   |     |      |
| 95-99          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I |       |        |        | 0   |     |      |
| 90-94          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 5     |        |        | 3   |     |      |
| 85-89          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 54    |        |        | 32  |     |      |
| 80-84          |                      | 3  |    |    |    |    |    |    |    |    |   | I                               |    |    |    |    |    |    |    |    |    |   | I     | 258    |        |     | 153 |      |
| 75-79          |                      | 2  | 2  |    |    |    |    |    |    |    |   | I                               |    |    |    |    |    |    |    |    |    |   | I     | 266    |        |     | 158 |      |
| 70-74          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 192   |        |        | 114 |     |      |
| 65-69          |                      |    | 2  |    |    |    |    |    |    |    |   | I                               |    |    |    |    |    |    |    |    |    |   | I     | 109    |        |     | 65  |      |
| 60-64          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 52    |        |        | 31  |     |      |
| 55-59          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 37    |        |        | 22  |     |      |
| 50-54          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 22    |        |        | 13  |     |      |
| 45-49          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 5     |        |        | 3   |     |      |
| 40-44          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I |       |        |        | 0   |     |      |
| 35-39          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I |       |        |        | 0   |     |      |
| 30-34          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I |       |        |        | 0   |     |      |
| <30            |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I |       |        |        | 0   |     |      |
| TOTAL          |                      | 5  | 3  |    | 2  |    |    |    |    |    |   |                                 | I  |    |    |    |    |    |    |    |    |   |       | I      |        |     |     | 1000 |
| NUMBER         | 0                    | 3  | 2  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | I | 0                               | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | I |       |        |        | 594 |     |      |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101801

BONANZA GS

1964-1983

MONTH AUG

| WIND SPEED 0-4 MPH |    |     |     |    |    |    |    |    |    |     | I | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |    |     |   | I  | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |     |   |   | I |
|--------------------|----|-----|-----|----|----|----|----|----|----|-----|---|--------------------|-----|-----|----|----|----|----|----|----|-----|---|----|----------------------|----|----|----|----|----|----|----|-----|---|---|---|
| RELATIVE HUMIDITY  |    |     |     |    |    |    |    |    |    |     | I | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |     |   | I  | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |     |   |   | I |
| TEMP.              | 1  | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I | 1                  | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I | 1  | 11                   | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I |   |   |
| DEG F              | 10 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10                 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10 | 20                   | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I |   |   |
| <100               |    |     |     |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |   |   |
| 95-99              |    |     |     |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |   |   |
| 90-94              |    |     |     |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |   |   |
| 85-89              | 2  | 23  | 2   |    |    |    |    |    |    |     | I | 2                  | 12  | 5   |    |    |    |    |    |    |     | I | 2  | 2                    |    |    |    |    |    |    |    |     | I |   |   |
| 80-84              | 2  | 51  | 26  |    |    | 2  |    |    |    |     | I | 8                  | 81  | 33  | 3  |    |    |    | 2  |    |     | I | 3  | 17                   | 3  | 2  |    |    |    |    |    |     | I |   |   |
| 75-79              | 2  | 35  | 45  | 10 | 2  |    |    |    |    |     | I | 2                  | 55  | 61  | 7  |    |    |    |    |    |     | I | 3  | 13                   | 8  | 2  |    |    |    |    |    |     | I |   |   |
| 70-74              |    | 13  | 22  | 8  | 7  | 2  | 2  | 2  |    |     | I | 18                 | 51  | 18  | 3  | 2  |    |    |    |    |     | I | 10 | 12                   | 3  | 2  |    |    | 2  |    |    |     | I |   |   |
| 65-69              |    | 2   | 13  | 22 | 10 | 5  | 3  | 5  |    |     | I | 12                 | 13  | 17  | 5  |    | 3  |    |    |    |     | I | 3  | 3                    | 2  |    |    |    |    |    |    |     | I |   |   |
| 60-64              |    | 2   | 3   | 5  | 7  | 5  | 5  | 2  |    |     | I | 2                  | 12  | 8   | 12 | 5  |    | 2  |    |    |     | I |    | 2                    |    |    |    | 2  |    |    |    |     | I |   |   |
| 55-59              |    |     | 2   | 2  | 2  | 2  | 5  | 5  | 7  | 2   | I |                    |     | 7   | 5  | 7  | 2  | 2  |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |   |   |
| 50-54              |    |     |     |    | 7  | 3  | 3  | 10 | 3  | 2   | I |                    |     | 3   | 2  | 3  | 2  |    |    | 2  |     | I |    |                      |    |    |    |    |    |    |    |     | I |   |   |
| 45-49              |    |     | 2   |    |    |    |    |    | 2  |     | I |                    |     | 2   | 2  |    | 2  |    |    |    |     | I | 2  |                      |    |    |    |    |    |    |    |     | I |   |   |
| 40-44              |    |     |     |    |    |    |    |    | 5  |     | 2 | I                  |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |   |   |
| 35-39              |    |     |     |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     |   | I |   |
| 30-34              |    |     |     |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     |   | I |   |
| <30                |    |     |     |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     |   | I |   |
| TOTAL              | 5  | 126 | 116 | 46 | 35 | 17 | 18 | 28 | 12 | 5   | I | 13                 | 177 | 177 | 65 | 26 | 18 | 8  | 3  | 2  | 2   | I | 8  | 45                   | 28 | 8  | 3  |    |    |    |    |     |   | I |   |
| NUMBER             | 3  | 76  | 70  | 28 | 21 | 10 | 11 | 17 | 7  | 3   | I | 8                  | 107 | 107 | 39 | 16 | 11 | 5  | 2  | 1  | 1   | I | 5  | 27                   | 17 | 5  | 2  | 0  | 0  | 0  | 0  | 0   | 0 | I |   |

| WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |    |     | I | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |     |   | I    | TOTAL |    | NUMBER |    |    |    |    |    |     |     |   |
|----------------------|----|----|----|----|----|----|----|----|----|-----|---|---------------------------------|----|----|----|----|----|----|----|----|-----|---|------|-------|----|--------|----|----|----|----|----|-----|-----|---|
|                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     |   | I    |       |    |        |    |    |    |    |    |     |     |   |
| TEMP.                | 1  | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I | 1                               | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I | 1    | 11    | 21 |        | 31 | 41 | 51 | 61 | 71 | 81  | 91  | I |
| DEG F                | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10                              | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10   | 20    | 30 | 40     | 50 | 60 | 70 | 80 | 90 | 100 | I   |   |
| <100                 |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |      |       |    |        |    |    |    |    |    |     |     | I |
| 95-99                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |      |       |    |        |    |    |    |    |    |     |     | I |
| 90-94                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 2    |       |    |        |    |    |    |    |    |     |     | I |
| 85-89                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 48   |       |    |        |    |    |    |    |    |     |     | I |
| 80-84                |    |    | 5  |    |    |    |    |    |    |     | I | 2                               |    |    |    |    |    |    |    |    |     | I | 240  |       |    |        |    |    |    |    |    |     |     | I |
| 75-79                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 243  |       |    |        |    |    |    |    |    |     |     | I |
| 70-74                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 175  |       |    |        |    |    |    |    |    |     |     | I |
| 65-69                |    |    |    | 2  |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 118  |       |    |        |    |    |    |    |    |     |     | I |
| 60-64                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 71   |       |    |        |    |    |    |    |    |     |     | I |
| 55-59                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 46   |       |    |        |    |    |    |    |    |     |     | I |
| 50-54                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 40   |       |    |        |    |    |    |    |    |     |     | I |
| 45-49                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 10   |       |    |        |    |    |    |    |    |     |     | I |
| 40-44                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 7    |       |    |        |    |    |    |    |    |     |     | I |
| 35-39                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |      |       |    |        |    |    |    |    |    |     |     | I |
| 30-34                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |      |       |    |        |    |    |    |    |    |     |     | I |
| <30                  |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |      |       |    |        |    |    |    |    |    |     |     | I |
| TOTAL                |    | 5  | 2  |    |    |    |    |    |    |     | I |                                 | 2  |    |    |    |    |    |    |    |     | I | 1000 |       |    |        |    |    |    |    |    |     |     | I |
| NUMBER               | 0  | 3  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | I | 0                               | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | I |      |       |    |        |    |    |    |    |    |     | 604 |   |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101801

BONANZA GS

1964-1983

| MONTH  | WIND SPEED 0-4 MPH   |     |     |    |    |    |    |    |    |     | WIND SPEED 5-9 MPH              |     |     |    |    |    |    |    |    |     | WIND SPEED 10-14 MPH |     |        |    |    |    |    |    |    |     |
|--------|----------------------|-----|-----|----|----|----|----|----|----|-----|---------------------------------|-----|-----|----|----|----|----|----|----|-----|----------------------|-----|--------|----|----|----|----|----|----|-----|
| SEP    | RELATIVE HUMIDITY    |     |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY               |     |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY    |     |        |    |    |    |    |    |    |     |
| ---    | 1                    | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                               | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                    | 11  | 21     | 31 | 41 | 51 | 61 | 71 | 81 | 91  |
| TEMP.  | TO                   | TO  | TO  | TO | TO | TO | TO | TO | TO | TO  | TO                              | TO  | TO  | TO | TO | TO | TO | TO | TO | TO  | TO                   | TO  | TO     | TO | TO | TO | TO | TO | TO | TO  |
| DEG F  | 10                   | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                              | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                   | 20  | 30     | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| <hr/>  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| <100   |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| 95-99  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| 90-94  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| 85-89  |                      | 2   |     |    |    |    |    |    |    |     |                                 | 2   |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| 80-84  | 2                    | 9   | 7   |    |    |    |    |    |    |     |                                 | 5   | 16  | 2  |    |    |    |    |    |     |                      |     |        | 5  |    |    |    |    |    |     |
| 75-79  | 2                    | 39  | 25  | 2  |    |    |    |    |    |     |                                 | 5   | 54  | 34 | 2  |    |    |    |    |     |                      |     | 2      | 18 | 2  | 5  |    |    |    |     |
| 70-74  |                      | 29  | 29  | 9  | 2  |    |    |    |    |     |                                 | 7   | 48  | 36 | 11 | 2  |    |    |    |     |                      |     |        | 7  | 5  |    |    |    |    |     |
| 65-69  |                      | 20  | 27  | 23 | 2  |    |    |    |    |     |                                 |     | 16  | 25 | 20 | 9  |    |    |    |     |                      |     |        | 5  | 9  |    |    |    |    |     |
| 60-64  |                      | 11  | 16  | 9  | 11 | 5  | 2  |    |    |     |                                 |     | 16  | 20 | 14 | 9  |    |    | 2  |     |                      |     |        |    |    |    |    |    |    |     |
| 55-59  |                      | 5   | 14  | 16 | 5  | 9  | 2  | 7  |    |     |                                 |     | 2   | 11 | 16 | 5  | 5  | 5  | 2  |     |                      |     |        |    |    |    |    | 2  |    |     |
| 50-54  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| 45-49  |                      |     |     | 7  | 2  | 9  | 11 | 2  | 7  | 5   |                                 |     | 9   | 7  | 2  | 5  | 2  | 2  |    |     |                      |     |        |    |    |    | 2  |    |    |     |
| 40-44  |                      |     |     |    | 2  | 2  | 16 | 16 |    | 5   |                                 |     |     | 2  | 2  | 7  | 2  | 2  |    |     |                      |     |        |    |    | 2  |    |    |    |     |
| 35-39  |                      |     |     |    | 2  | 5  | 2  |    | 7  | 9   | 1                               |     |     | 2  | 2  |    | 2  |    |    |     |                      |     |        |    |    |    | 2  | 2  |    |     |
| 30-34  |                      |     |     |    |    |    |    | 2  | 7  | 5   | 2                               |     |     |    |    |    | 2  | 2  | 5  |     |                      |     |        |    |    |    |    |    |    |     |
| <30    |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| <hr/>  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| TOTAL  | 5                    | 116 | 125 | 66 | 39 | 43 | 25 | 27 | 14 | 11  | 16                              | 154 | 138 | 75 | 32 | 16 | 16 | 7  | 5  |     | 2                    | 34  | 18     | 7  | 2  |    | 5  | 2  |    |     |
| <hr/>  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| NUMBER | 2                    | 51  | 55  | 29 | 17 | 19 | 11 | 12 | 6  | 5   | 7                               | 68  | 61  | 33 | 14 | 7  | 7  | 3  | 2  | 0   | 1                    | 15  | 8      | 3  | 1  | 0  | 2  | 1  | 0  | 0   |
| <hr/>  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
|        | WIND SPEED 15-19 MPH |     |     |    |    |    |    |    |    |     | WIND SPEED GREATER/EQUAL 20 MPH |     |     |    |    |    |    |    |    |     | TOTAL                |     | NUMBER |    |    |    |    |    |    |     |
| <100   |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        | 0  |    |    |    |    |    |     |
| 95-99  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        | 0  |    |    |    |    |    |     |
| 90-94  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        | 0  |    |    |    |    |    |     |
| 85-89  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 5   |        | 2  |    |    |    |    |    |     |
| 80-84  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 45  |        | 20 |    |    |    |    |    |     |
| 75-79  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 190 |        | 84 |    |    |    |    |    |     |
| 70-74  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 188 |        | 83 |    |    |    |    |    |     |
| 65-69  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 156 |        | 69 |    |    |    |    |    |     |
| 60-64  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 118 |        | 52 |    |    |    |    |    |     |
| 55-59  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 104 |        | 46 |    |    |    |    |    |     |
| 50-54  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 73  |        | 32 |    |    |    |    |    |     |
| 45-49  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 57  |        | 25 |    |    |    |    |    |     |
| 40-44  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 36  |        | 16 |    |    |    |    |    |     |
| 35-39  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 27  |        | 12 |    |    |    |    |    |     |
| 30-34  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        | 0  |    |    |    |    |    |     |
| <30    |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        | 0  |    |    |    |    |    |     |
| <hr/>  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| TOTAL  | 2                    |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| <hr/>  |                      |     |     |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |     |        |    |    |    |    |    |    |     |
| NUMBER | 0                    | 1   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0                               | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0   |                      |     |        |    |    |    |    |    |    | 441 |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WINDSPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101207

LANDMARK RS

1964-1981

MONTH JUL

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |    |    |    |    |    |    |    |    |     | I | WIND SPEED 5-9 MPH |     |     |     |     |    |    |    |    |     | I | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |     | I |   |
|----------------|--------------------|----|----|----|----|----|----|----|----|-----|---|--------------------|-----|-----|-----|-----|----|----|----|----|-----|---|----------------------|----|----|----|----|----|----|----|----|-----|---|---|
|                | RELATIVE HUMIDITY  |    |    |    |    |    |    |    |    |     |   | RELATIVE HUMIDITY  |     |     |     |     |    |    |    |    |     |   | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |     |   |   |
|                | 10                 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |   | 10                 | 20  | 30  | 40  | 50  | 60 | 70 | 80 | 90 | 100 |   | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |   |   |
| <100           |                    |    |    |    |    |    |    |    |    |     | I |                    |     |     |     |     |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     | I |   |
| 95-99          |                    |    |    |    |    |    |    |    |    |     | I |                    |     |     |     |     |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     | I |   |
| 90-94          |                    |    |    |    |    |    |    |    |    |     | I |                    |     |     |     |     |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     | I |   |
| 85-89          |                    |    | 2  |    |    |    |    |    |    |     | I |                    | 15  | 4   |     | 2   |    |    |    |    |     | I |                      | 2  |    |    |    |    |    |    |    |     | I |   |
| 80-84          |                    | 26 | 11 |    |    |    |    |    |    |     | I |                    | 2   | 79  | 45  |     | 2  |    |    |    |     | I |                      | 15 | 4  |    |    |    |    |    |    |     | I |   |
| 75-79          |                    | 19 | 26 | 2  |    |    |    |    |    |     | I |                    | 2   | 90  | 83  | 21  |    |    |    |    |     | I |                      | 13 | 21 |    |    |    |    |    |    |     | I |   |
| 70-74          |                    | 6  | 15 | 19 | 4  | 2  |    |    |    |     | I |                    | 26  | 86  | 49  | 11  | 2  |    |    |    |     | I |                      | 2  | 13 | 8  |    |    |    |    |    |     | I |   |
| 65-69          |                    | 2  | 9  | 11 | 8  | 6  |    |    |    |     | I |                    | 9   | 36  | 23  | 23  | 4  |    |    |    |     | I |                      | 2  | 8  | 2  |    |    |    |    |    |     | I |   |
| 60-64          |                    |    | 2  |    |    | 2  | 2  |    |    |     | I |                    | 6   | 4   | 28  | 15  | 6  |    |    |    |     | I |                      | 2  | 4  | 2  |    |    |    |    |    |     | I |   |
| 55-59          |                    |    |    |    |    |    |    | 4  |    |     | I |                    |     |     |     |     |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     | I |   |
| 50-54          |                    |    |    |    |    |    |    | 2  |    |     | I |                    |     |     | 6   | 2   |    | 2  |    | 2  | 2   | I |                      |    |    |    |    |    |    | 2  |    |     | I |   |
| 45-49          |                    |    |    |    |    |    |    |    | 4  | 2   | I |                    |     |     |     | 2   |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     | I |   |
| 40-44          |                    |    |    |    |    |    |    |    |    |     | I |                    |     |     |     |     |    | 2  |    | 2  | 4   | I |                      |    |    |    |    |    |    |    |    |     | I |   |
| 35-39          |                    |    |    |    |    |    |    |    |    |     | I |                    |     |     |     |     |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     |   | I |
| 30-34          |                    |    |    |    |    |    |    |    |    |     | I |                    |     |     |     |     |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     |   | I |
| <30            |                    |    |    |    |    |    |    |    |    |     | I |                    |     |     |     |     |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     |   | I |
| TOTAL          |                    | 53 | 66 | 32 | 11 | 11 | 2  | 6  | 8  | 2   | I |                    | 4   | 226 | 259 | 126 | 60 | 11 | 4  | 4  | 6   | I |                      | 32 | 41 | 24 | 6  | 2  |    |    |    |     | I |   |
| NUMBER         | 0                  | 28 | 35 | 17 | 6  | 6  | 1  | 3  | 4  | 1   | I | 2                  | 120 | 138 | 67  | 32  | 6  | 2  | 2  | 3  | 0   | I | 0                    | 17 | 22 | 13 | 3  | 1  | 0  | 0  | 0  | 0   | 0 | I |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |     | I | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |     | I | TOTAL  |         | NUMBER |
|----------------|----------------------|----|----|----|----|----|----|----|----|-----|---|---------------------------------|----|----|----|----|----|----|----|----|-----|---|--------|---------|--------|
|                |                      |    |    |    |    |    |    |    |    |     |   |                                 |    |    |    |    |    |    |    |    |     |   |        |         |        |
|                | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |   | 10                              | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |   | NUMBER | PERCENT |        |
| <100           |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |        | 0       |        |
| 95-99          |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |        | 0       |        |
| 90-94          |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |        | 0       |        |
| 85-89          |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 24     | 13      |        |
| 80-84          |                      | 2  |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 186    | 99      |        |
| 75-79          |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 276    | 147     |        |
| 70-74          |                      |    | 2  |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 244    | 130     |        |
| 65-69          |                      |    |    | 2  |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 143    | 76      |        |
| 60-64          |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 71     | 38      |        |
| 55-59          |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 30     | 16      |        |
| 50-54          |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 11     | 6       |        |
| 45-49          |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 11     | 6       |        |
| 40-44          |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 2      | 1       |        |
| 35-39          |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |        | 0       |        |
| 30-34          |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |        | 0       |        |
| <30            |                      |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |        | 0       |        |
| TOTAL          |                      | 2  | 2  | 2  |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 1000   |         |        |
| NUMBER         | 0                    | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | I | 0                               | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | I |        | 532     |        |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT; DECIMAL POINT OMITTED

| STATION NUMBER 101207 |    |                      |    |                    |    |    |    |    |    |     |    | LANDMARK RS                     |     |                    |    |    |    |    |    |     |    |                   |    | 1964-1981            |    |    |    |    |    |     |  |  |  |  |  |
|-----------------------|----|----------------------|----|--------------------|----|----|----|----|----|-----|----|---------------------------------|-----|--------------------|----|----|----|----|----|-----|----|-------------------|----|----------------------|----|----|----|----|----|-----|--|--|--|--|--|
| MONTH                 |    | AUG                  |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
|                       |    | ---                  |    | WIND SPEED 0-4 MPH |    |    |    |    |    |     |    |                                 |     | WIND SPEED 5-9 MPH |    |    |    |    |    |     |    |                   |    | WIND SPEED 10-14 MPH |    |    |    |    |    |     |  |  |  |  |  |
|                       |    | RELATIVE HUMIDITY    |    |                    |    |    |    |    |    |     |    | RELATIVE HUMIDITY               |     |                    |    |    |    |    |    |     |    | RELATIVE HUMIDITY |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| TEMP.                 | 1  | 11                   | 21 | 31                 | 41 | 51 | 61 | 71 | 81 | 91  | 1  | 11                              | 21  | 31                 | 41 | 51 | 61 | 71 | 81 | 91  | 1  | 11                | 21 | 31                   | 41 | 51 | 61 | 71 | 81 | 91  |  |  |  |  |  |
| DEG F                 | 10 | 20                   | 30 | 40                 | 50 | 60 | 70 | 80 | 90 | 100 | 10 | 20                              | 30  | 40                 | 50 | 60 | 70 | 80 | 90 | 100 | 10 | 20                | 30 | 40                   | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |  |  |
| <100                  |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 95-99                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 90-94                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 85-89                 |    | 5                    |    |                    |    |    |    |    |    |     |    | 5                               | 4   |                    |    |    |    |    |    |     |    |                   | 4  |                      |    |    |    |    |    |     |  |  |  |  |  |
| 80-84                 | 2  | 9                    | 5  | 2                  |    |    |    |    |    |     | 13 | 105                             | 24  |                    |    |    |    |    |    |     |    | 2                 | 20 | 5                    |    |    |    |    |    |     |  |  |  |  |  |
| 75-79                 |    | 18                   | 7  | 2                  |    |    |    |    |    |     | 2  | 78                              | 62  | 5                  |    |    |    |    |    |     |    | 7                 | 18 | 16                   |    |    |    |    |    |     |  |  |  |  |  |
| 70-74                 |    | 5                    | 15 | 11                 | 2  |    |    |    |    |     |    | 27                              | 69  | 20                 |    |    |    |    |    |     |    |                   | 9  | 15                   |    | 7  | 2  |    |    |     |  |  |  |  |  |
| 65-69                 |    | 2                    | 7  | 18                 | 7  | 2  |    |    |    |     |    | 11                              | 53  | 29                 | 11 | 2  | 2  |    |    |     |    |                   | 2  | 9                    | 2  |    |    |    |    |     |  |  |  |  |  |
| 60-64                 |    |                      |    | 7                  | 4  | 2  | 7  |    |    |     |    | 7                               | 22  | 13                 | 5  | 2  |    |    |    |     |    |                   |    | 2                    | 9  | 2  |    |    |    |     |  |  |  |  |  |
| 55-59                 |    | 2                    | 2  | 2                  | 2  |    | 2  | 7  | 9  |     |    | 5                               | 7   | 13                 | 4  | 4  | 2  | 2  |    |     |    |                   |    | 5                    | 4  | 2  |    |    |    |     |  |  |  |  |  |
| 50-54                 |    |                      |    |                    | 5  |    |    |    |    | 4   |    |                                 |     |                    | 2  | 5  | 5  | 2  |    |     |    |                   |    |                      |    |    |    | 2  | 2  |     |  |  |  |  |  |
| 45-49                 |    |                      |    |                    |    | 2  | 2  | 5  | 7  |     |    |                                 |     | 4                  | 4  | 11 | 2  | 2  |    |     |    |                   |    |                      |    |    | 2  |    |    |     |  |  |  |  |  |
| 40-44                 |    |                      |    |                    |    |    |    |    | 2  | 5   |    |                                 |     |                    |    |    |    | 2  | 2  |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 35-39                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 30-34                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| <30                   |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| TOTAL                 | 2  | 42                   | 36 | 42                 | 20 | 7  | 11 | 15 | 18 | 9   | 20 | 225                             | 223 | 83                 | 42 | 20 | 24 | 7  | 5  |     | 9  | 53                | 47 | 24                   | 7  | 2  | 2  | 2  |    |     |  |  |  |  |  |
| NUMBER                | 1  | 23                   | 20 | 23                 | 11 | 4  | 6  | 8  | 10 | 5   | 11 | 124                             | 123 | 46                 | 23 | 11 | 13 | 4  | 3  | 0   | 5  | 29                | 26 | 13                   | 4  | 1  | 1  | 1  | 0  | 0   |  |  |  |  |  |
|                       |    | WIND SPEED 15-19 MPH |    |                    |    |    |    |    |    |     |    | WIND SPEED GREATER/EQUAL 20 MPH |     |                    |    |    |    |    |    |     |    | TOTAL NUMBER      |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| <100                  |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 95-99                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 90-94                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 85-89                 | 2  |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    | 20                |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 80-84                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    | 187               |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 75-79                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    | 216               |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 70-74                 | 2  |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    | 183               |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 65-69                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    | 156               |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 60-64                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    | 82                |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 55-59                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    | 73                |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 50-54                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    | 33                |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 45-49                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    | 40                |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 40-44                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    | 11                |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 35-39                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| 30-34                 |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| <30                   |    |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| TOTAL                 | 4  |                      |    |                    |    |    |    |    |    |     |    |                                 |     |                    |    |    |    |    |    |     |    | 1000              |    |                      |    |    |    |    |    |     |  |  |  |  |  |
| NUMBER                | 0  | 2                    | 0  | 0                  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0                               | 0   | 0                  | 0  | 0  | 0  | 0  | 0  | 0   |    |                   |    |                      |    |    |    |    |    |     |  |  |  |  |  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101207LANDMARK RS1964-1981

MONTH SEP  
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| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |          |          |          |          |          |          |          |          |           | WIND SPEED 5-9 MPH |          |          |          |          |          |          |          |          |           | WIND SPEED 10-14 MPH |          |          |          |          |          |          |          |          |           |   |  |
|----------------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|---|--|
|                | RELATIVE HUMIDITY  |          |          |          |          |          |          |          |          |           | RELATIVE HUMIDITY  |          |          |          |          |          |          |          |          |           | RELATIVE HUMIDITY    |          |          |          |          |          |          |          |          |           |   |  |
|                | 1<br>10            | 11<br>20 | 21<br>30 | 31<br>40 | 41<br>50 | 51<br>60 | 61<br>70 | 71<br>80 | 81<br>90 | 91<br>100 | 1<br>10            | 11<br>20 | 21<br>30 | 31<br>40 | 41<br>50 | 51<br>60 | 61<br>70 | 71<br>80 | 81<br>90 | 91<br>100 | 1<br>10              | 11<br>20 | 21<br>30 | 31<br>40 | 41<br>50 | 51<br>60 | 61<br>70 | 71<br>80 | 81<br>90 | 91<br>100 |   |  |
| <100           |                    |          |          |          |          |          |          |          |          |           |                    |          |          |          |          |          |          |          |          |           |                      |          |          |          |          |          |          |          |          |           |   |  |
| 95-99          |                    |          |          |          |          |          |          |          |          |           |                    |          |          |          |          |          |          |          |          |           |                      |          |          |          |          |          |          |          |          |           |   |  |
| 90-94          |                    |          |          |          |          |          |          |          |          |           |                    |          |          |          |          |          |          |          |          |           |                      |          |          |          |          |          |          |          |          |           |   |  |
| 85-89          |                    |          |          |          |          |          |          |          |          |           |                    |          |          |          |          |          |          |          |          |           |                      |          |          |          |          |          |          |          |          |           |   |  |
| 80-84          |                    | 4        | 2        |          |          |          |          |          |          |           | 2                  | 12       | 2        | 2        |          |          |          |          |          |           |                      |          | 4        | 4        |          |          |          |          |          |           |   |  |
| 75-79          |                    | 12       | 4        | 2        |          |          |          |          |          |           |                    | 29       | 19       | 4        |          |          |          |          |          |           |                      | 4        | 4        | 2        |          |          |          |          |          |           |   |  |
| 70-74          |                    | 14       | 21       | 2        |          |          |          |          |          |           |                    | 62       | 56       | 14       |          |          |          |          |          |           |                      | 10       | 12       |          |          |          |          |          |          |           |   |  |
| 65-69          |                    | 4        | 14       | 12       | 6        |          |          |          |          |           |                    | 23       | 49       | 21       | 4        | 2        |          |          |          |           |                      |          | 10       | 6        |          |          |          |          |          |           |   |  |
| 60-64          |                    | 4        | 14       | 6        | 12       | 2        | 4        |          |          |           |                    | 10       | 31       | 14       | 10       | 2        | 2        |          |          |           |                      | 2        | 8        | 8        |          |          |          |          |          |           |   |  |
| 55-59          |                    |          | 8        | 10       | 8        |          | 6        |          |          |           |                    | 16       | 19       | 27       | 14       | 2        | 2        | 2        |          |           |                      | 2        | 6        | 4        |          | 4        |          |          |          |           |   |  |
| 50-54          |                    |          | 6        | 6        | 8        | 2        | 4        | 6        | 2        |           |                    | 12       | 16       | 4        | 10       | 6        | 4        | 4        | 2        | 2         |                      |          |          |          |          |          |          |          | 2        | 2         | 2 |  |
| 45-49          |                    |          |          | 2        | 2        |          | 8        | 8        | 12       |           |                    | 2        | 4        | 10       | 12       | 2        | 4        | 4        |          |           |                      |          |          |          |          |          |          |          |          |           |   |  |
| 40-44          |                    |          |          |          |          | 2        | 2        | 14       | 10       | 8         |                    |          | 4        | 2        | 2        | 4        | 10       | 2        | 2        |           |                      |          |          |          |          |          | 2        |          |          |           |   |  |
| 35-39          |                    |          |          |          |          |          |          |          | 4        | 4         |                    |          |          |          |          | 4        | 6        | 2        | 4        |           |                      |          |          |          |          |          |          |          |          |           |   |  |
| 30-34          |                    |          |          |          |          |          |          |          |          |           |                    |          | 2        |          |          |          | 2        | 2        | 2        |           |                      |          |          |          |          |          |          |          |          |           |   |  |
| <30            |                    |          |          |          |          |          |          |          |          |           |                    |          |          |          |          |          |          |          |          |           |                      |          |          |          |          |          |          |          |          |           |   |  |
| TOTAL          | 39                 | 70       | 43       | 37       | 6        | 25       | 29       | 29       | 12       | 1         | 2                  | 152      | 189      | 109      | 45       | 31       | 21       | 29       | 12       | 10        | 4                    | 23       | 39       | 25       | 2        | 4        | 6        | 2        | 2        |           |   |  |
| NUMBER         | 0                  | 19       | 34       | 21       | 18       | 3        | 12       | 14       | 14       | 6         | 1                  | 74       | 92       | 53       | 22       | 15       | 10       | 14       | 6        | 5         | 2                    | 11       | 19       | 12       | 1        | 2        | 3        | 1        | 1        | 0         |   |  |

| WIND SPEED 15-19 MPH |   |   |   |   |   |   |   |   |   | WIND SPEED GREATER/EQUAL 20 MPH |   |   |   |   |   |   |   |   |   | TOTAL NUMBER |   |  |     |      |  |  |  |  |  |  |     |  |
|----------------------|---|---|---|---|---|---|---|---|---|---------------------------------|---|---|---|---|---|---|---|---|---|--------------|---|--|-----|------|--|--|--|--|--|--|-----|--|
| <100                 |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  |     |      |  |  |  |  |  |  | 0   |  |
| 95-99                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  |     |      |  |  |  |  |  |  | 0   |  |
| 90-94                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  |     |      |  |  |  |  |  |  | 0   |  |
| 85-89                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  |     |      |  |  |  |  |  |  | 0   |  |
| 80-84                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 29  |      |  |  |  |  |  |  | 14  |  |
| 75-79                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 80  |      |  |  |  |  |  |  | 39  |  |
| 70-74                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 191 |      |  |  |  |  |  |  | 93  |  |
| 65-69                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 152 |      |  |  |  |  |  |  | 74  |  |
| 60-64                |   |   | 2 |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 134 |      |  |  |  |  |  |  | 65  |  |
| 55-59                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 132 |      |  |  |  |  |  |  | 64  |  |
| 50-54                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 105 |      |  |  |  |  |  |  | 51  |  |
| 45-49                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 72  |      |  |  |  |  |  |  | 35  |  |
| 40-44                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 68  |      |  |  |  |  |  |  | 33  |  |
| 35-39                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 27  |      |  |  |  |  |  |  | 13  |  |
| 30-34                |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 8   |      |  |  |  |  |  |  | 4   |  |
| <30                  |   |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  | 2   |      |  |  |  |  |  |  | 1   |  |
| TOTAL                |   |   | 2 |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |              |   |  |     | 1000 |  |  |  |  |  |  |     |  |
| NUMBER               | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0                               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0            | 0 |  |     |      |  |  |  |  |  |  | 486 |  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101803

CHALLIS RS

1964-1983

MONTH JUN

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |    |     |    |    |    |    |    |    |     | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |    |     | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |     |
|----------------|--------------------|----|-----|----|----|----|----|----|----|-----|--------------------|-----|-----|----|----|----|----|----|----|-----|----------------------|----|----|----|----|----|----|----|----|-----|
|                | RELATIVE HUMIDITY  |    |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |     |
|                | 10                 | 20 | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| <100           |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 95-99          |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 90-94          |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 85-89          | 2                  | 6  | 10  |    |    |    |    |    |    |     |                    | 18  | 2   |    |    |    |    |    |    |     |                      | 4  | 8  | 2  |    |    |    |    |    |     |
| 80-84          |                    | 30 | 18  |    |    |    |    |    |    |     |                    | 6   | 18  | 12 | 2  |    |    |    |    |     |                      | 4  | 14 | 2  | 2  |    |    |    |    |     |
| 75-79          | 4                  | 20 | 26  | 6  | 2  |    |    |    |    |     |                    | 4   | 32  | 36 | 10 |    |    |    |    |     |                      | 2  | 12 | 10 | 4  |    |    |    |    |     |
| 70-74          |                    | 14 | 18  | 12 | 8  | 4  | 2  |    |    |     |                    | 28  | 34  | 6  | 2  |    |    |    |    |     |                      | 12 | 10 | 8  |    |    |    |    |    |     |
| 65-69          |                    | 4  | 22  | 10 | 6  | 6  | 2  |    |    |     |                    | 10  | 32  | 20 | 6  | 2  | 2  |    |    |     |                      | 4  | 8  | 4  | 2  | 2  |    |    |    |     |
| 60-64          |                    |    | 8   | 14 | 18 | 8  | 4  | 2  |    |     |                    | 6   | 16  | 22 | 4  | 8  |    |    |    |     |                      | 6  | 4  | 4  | 6  |    |    |    |    |     |
| 55-59          |                    | 2  | 4   | 4  | 2  | 6  | 12 |    | 2  |     |                    |     | 10  | 8  | 6  | 12 | 6  | 6  |    | 2   | 2                    |    | 4  | 4  |    | 2  | 2  |    |    |     |
| 50-54          |                    |    | 2   |    | 2  | 2  | 4  | 4  |    | 4   |                    |     | 2   | 2  | 2  | 2  | 2  |    |    | 2   |                      |    | 2  |    | 4  |    |    |    |    |     |
| 45-49          |                    |    |     |    |    |    | 2  | 2  |    |     |                    |     |     |    |    |    |    |    |    | 6   |                      |    |    |    |    |    |    |    |    |     |
| 40-44          |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    | 2   |                      |    |    |    |    |    |    |    |    |     |
| 35-39          |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 30-34          |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| <30            |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| TOTAL          | 6                  | 75 | 107 | 46 | 38 | 26 | 26 | 8  | 2  | 4   | 10                 | 143 | 143 | 69 | 20 | 24 | 10 | 6  | 10 | 2   | 10                   | 61 | 40 | 26 | 12 | 4  | 2  |    |    |     |
| NUMBER         | 3                  | 38 | 54  | 23 | 19 | 13 | 13 | 4  | 1  | 2   | 5                  | 72  | 72  | 35 | 10 | 12 | 5  | 3  | 5  | 1   | 5                    | 31 | 20 | 13 | 6  | 2  | 1  | 0  | 0  | 0   |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |     | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |     | TOTAL NUMBER |     |
|----------------|----------------------|----|----|----|----|----|----|----|----|-----|---------------------------------|----|----|----|----|----|----|----|----|-----|--------------|-----|
|                |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |     |
|                | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                              | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |              |     |
| <100           |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 0            |     |
| 95-99          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 0            |     |
| 90-94          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 24           | 12  |
| 85-89          |                      | 8  |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 71           | 36  |
| 80-84          | 4                    | 18 | 2  |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 131          | 66  |
| 75-79          | 2                    | 4  | 2  | 2  |    |    |    |    |    |     | 2                               | 6  |    |    |    |    |    |    |    |     | 184          | 93  |
| 70-74          |                      | 2  |    | 6  |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 164          | 83  |
| 65-69          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 141          | 71  |
| 60-64          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 131          | 66  |
| 55-59          |                      |    |    |    | 2  | 2  |    |    |    |     |                                 |    |    |    | 2  |    |    |    |    |     | 101          | 51  |
| 50-54          |                      |    |    | 2  |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 38           | 19  |
| 45-49          |                      |    |    | 2  |    |    | 2  |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 14           | 7   |
| 40-44          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 2            | 1   |
| 35-39          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| 30-34          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| <30            |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0   |
| TOTAL          | 6                    | 32 | 4  | 12 | 2  | 2  | 2  |    |    |     | 2                               | 6  |    | 4  |    |    |    |    |    | 2   | 1000         |     |
| NUMBER         | 3                    | 16 | 2  | 6  | 1  | 1  | 1  | 0  | 0  | 0   | 1                               | 3  | 0  | 0  | 2  | 0  | 0  | 0  | 1  | 0   |              | 505 |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101803

CHALLIS RS

1964-1983

| MONTH JUL            |    | WIND SPEED 0-4 MPH |     |    |    |    |    |    |    |    |     | WIND SPEED 5-9 MPH              |     |     |    |    |    |    |    |    |     | WIND SPEED 10-14 MPH |      |    |    |    |    |    |    |    |     |  |
|----------------------|----|--------------------|-----|----|----|----|----|----|----|----|-----|---------------------------------|-----|-----|----|----|----|----|----|----|-----|----------------------|------|----|----|----|----|----|----|----|-----|--|
|                      |    | RELATIVE HUMIDITY  |     |    |    |    |    |    |    |    |     | RELATIVE HUMIDITY               |     |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY    |      |    |    |    |    |    |    |    |     |  |
| TEMP.                |    | 1                  | 11  | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                               | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                    | 11   | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  |  |
| DEG F                |    | 10                 | 20  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                              | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                   | 20   | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |
| <hr/>                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| <100                 |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| 95-99                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| 90-94                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| 85-89                | 2  | 17                 |     |    |    |    |    |    |    |    |     | 2                               |     |     |    |    |    |    |    |    |     |                      | 2    |    |    |    |    |    |    |    |     |  |
| 80-84                | 10 | 46                 | 15  | 7  | 2  |    |    |    |    |    |     | 22                              | 28  |     |    |    |    |    |    |    |     | 20                   | 12   |    |    |    |    |    |    |    |     |  |
| 75-79                | 2  | 31                 | 35  | 15 | 3  |    |    |    |    |    |     | 15                              | 79  | 23  |    |    |    |    |    |    |     | 3                    | 38   | 12 | 2  |    |    |    |    |    |     |  |
| 70-74                |    | 17                 | 26  | 18 | 12 |    | 2  | 2  |    |    |     | 5                               | 76  | 41  | 8  |    |    |    |    |    |     | 7                    | 30   | 18 |    | 3  |    |    |    |    |     |  |
| 65-69                |    | 3                  | 10  | 5  | 10 | 3  | 3  |    |    |    |     | 3                               | 23  | 15  | 7  |    | 2  |    |    |    |     | 12                   | 8    | 2  |    |    |    |    |    |    |     |  |
| 60-64                |    | 2                  |     | 5  | 3  | 2  | 2  | 2  |    |    |     |                                 | 2   | 22  | 5  | 10 | 3  |    |    |    |     | 2                    | 2    | 2  | 2  |    | 2  |    |    |    |     |  |
| 55-59                |    |                    |     | 2  |    |    |    |    | 2  |    |     |                                 |     | 2   | 3  | 3  |    |    |    |    |     |                      | 2    | 5  | 2  | 2  |    | 2  |    |    |     |  |
| 50-54                |    |                    |     |    |    |    | 3  | 2  |    | 2  |     |                                 |     |     |    | 2  | 3  | 2  | 2  |    | 2   |                      |      |    | 2  | 2  |    |    |    |    |     |  |
| 45-49                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    | 2  | 3  | 2  | 2  |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| 40-44                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| 35-39                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| 30-34                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| <30                  |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| <hr/>                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| TOTAL                |    | 13                 | 116 | 86 | 51 | 30 | 13 | 8  | 5  | 2  |     | 46                              | 209 | 104 | 23 | 18 | 10 | 2  | 2  |    | 2   | 31                   | 94   | 43 | 10 | 8  | 3  |    |    |    |     |  |
| NUMBER               |    | 8                  | 70  | 52 | 31 | 18 | 8  | 5  | 3  | 1  | 0   | 28                              | 126 | 63  | 14 | 11 | 6  | 1  | 1  | 0  | 1   | 19                   | 57   | 26 | 6  | 5  | 2  | 0  | 0  | 0  | 0   |  |
| <hr/>                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| WIND SPEED 15-19 MPH |    |                    |     |    |    |    |    |    |    |    |     | WIND SPEED GREATER/EQUAL 20 MPH |     |     |    |    |    |    |    |    |     | TOTAL NUMBER         |      |    |    |    |    |    |    |    |     |  |
|                      |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| <100                 |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| 95-99                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| 90-94                | 3  | 8                  |     |    |    |    |    |    |    |    |     | 2                               |     |     |    |    |    |    |    |    |     |                      | 5    |    |    |    |    |    |    |    |     |  |
| 85-89                | 5  | 7                  | 2   |    |    |    |    |    |    |    |     | 2                               | 2   |     |    |    |    |    |    |    |     |                      | 113  |    |    |    |    |    |    |    |     |  |
| 80-84                |    | 10                 |     |    |    |    |    |    |    |    |     | 2                               | 2   |     |    |    |    |    |    |    |     |                      | 268  |    |    |    |    |    |    |    |     |  |
| 75-79                |    |                    | 7   | 2  |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 288  |    |    |    |    |    |    |    |     |  |
| 70-74                |    |                    | 2   | 2  |    | 2  | 2  |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 156  |    |    |    |    |    |    |    |     |  |
| 65-69                |    |                    | 2   | 2  |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 93   |    |    |    |    |    |    |    |     |  |
| 60-64                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 35   |    |    |    |    |    |    |    |     |  |
| 55-59                |    |                    |     |    |    |    |    | 2  |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 23   |    |    |    |    |    |    |    |     |  |
| 50-54                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    | 2  | 2  |    |    |     |                      | 18   |    |    |    |    |    |    |    |     |  |
| 45-49                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      | 2    |    |    |    |    |    |    |    |     |  |
| 40-44                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| 35-39                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| 30-34                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| <30                  |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| <hr/>                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
| TOTAL                |    | 8                  | 28  | 12 | 3  | 2  | 2  | 2  |    |    |     | 5                               | 3   | 2   |    | 2  | 2  |    |    |    |     |                      | 1000 |    |    |    |    |    |    |    |     |  |
| NUMBER               |    | 5                  | 17  | 7  | 2  | 1  | 1  | 1  | 0  | 0  | 0   | 3                               | 2   | 1   | 0  | 1  | 1  | 0  | 0  | 0  | 0   |                      |      |    |    |    |    |    |    |    |     |  |
| <hr/>                |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |
|                      |    |                    |     |    |    |    |    |    |    |    |     |                                 |     |     |    |    |    |    |    |    |     |                      |      |    |    |    |    |    |    |    |     |  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101803

CHALLIS RS

1964-1983

MONTH AUG

| WIND SPEED 0-4 MPH |    |     |     |    |    |    |    |    |    |     | I | WIND SPEED 5-9 MPH |     |    |    |    |    |    |    |    |     |   | I  | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |     |   |  | I |
|--------------------|----|-----|-----|----|----|----|----|----|----|-----|---|--------------------|-----|----|----|----|----|----|----|----|-----|---|----|----------------------|----|----|----|----|----|----|----|-----|---|--|---|
| RELATIVE HUMIDITY  |    |     |     |    |    |    |    |    |    |     | I | RELATIVE HUMIDITY  |     |    |    |    |    |    |    |    |     |   | I  | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |     |   |  | I |
| TEMP.              | 1  | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I | 1                  | 11  | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I | 1  | 11                   | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I |  |   |
| DEG F              | 10 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10                 | 20  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10 | 20                   | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I |  |   |
| <100               |    |     |     |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| 95-99              |    |     |     |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| 90-94              | 6  | 16  |     |    |    |    |    |    |    |     | I | 13                 | 13  | 2  |    |    |    |    |    |    |     | I |    |                      | 2  |    |    |    |    |    |    |     | I |  |   |
| 85-89              | 2  | 66  | 11  | 3  |    |    |    |    |    |     | I | 19                 | 65  | 10 |    | 2  |    |    |    |    |     | I | 8  | 13                   |    |    |    |    |    |    |    |     | I |  |   |
| 80-84              | 3  | 71  | 24  | 5  | 5  | 2  | 2  |    |    |     | I | 5                  | 55  | 26 | 10 |    | 2  |    |    |    |     | I | 13 | 31                   |    |    |    |    |    |    |    |     | I |  |   |
| 75-79              |    | 18  | 44  | 13 | 8  | 2  |    |    |    |     | I | 2                  | 26  | 19 | 10 | 3  |    |    |    |    |     | I | 5  | 19                   | 5  | 5  |    |    |    |    |    |     | I |  |   |
| 70-74              | 2  | 3   | 21  | 11 | 6  | 3  |    |    |    |     | I | 13                 | 11  | 10 | 8  |    | 2  |    |    |    |     | I |    | 6                    | 2  | 5  |    |    |    |    |    |     | I |  |   |
| 65-69              |    | 5   | 3   | 11 | 6  | 5  | 3  | 2  | 2  |     | I | 2                  | 11  | 2  | 3  |    | 2  | 2  | 2  | 2  |     | I |    | 2                    | 3  | 3  | 3  |    | 5  |    | 2  |     | I |  |   |
| 60-64              |    |     | 5   | 3  | 5  | 5  | 3  | 2  |    |     | I | 2                  | 3   | 6  | 5  | 3  |    | 2  | 2  |    |     | I |    | 2                    | 2  | 2  |    |    |    |    |    |     | I |  |   |
| 55-59              |    |     |     | 3  |    | 2  | 3  |    | 2  |     | I |                    |     | 5  | 2  | 3  |    | 2  | 2  |    |     | I |    |                      | 2  | 2  |    |    |    |    |    |     | I |  |   |
| 50-54              |    |     |     |    | 2  |    |    |    | 2  |     | I |                    |     |    |    | 5  |    |    |    |    |     | I |    |                      |    |    | 3  |    |    |    | 2  |     | I |  |   |
| 45-49              |    |     |     |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| 40-44              |    |     |     |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| 35-39              |    |     |     |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| 30-34              |    |     |     |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| <30                |    |     |     |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| TOTAL              | 13 | 180 | 108 | 50 | 32 | 18 | 11 | 3  | 5  |     | I | 39                 | 175 | 83 | 42 | 23 | 13 | 3  | 3  | 2  |     | I | 26 | 73                   | 18 | 18 | 10 | 3  | 2  |    | 2  |     | I |  |   |
| NUMBER             | 8  | 111 | 67  | 31 | 20 | 11 | 7  | 2  | 3  | 0   | I | 24                 | 108 | 51 | 26 | 14 | 8  | 2  | 2  | 1  | 0   | I | 16 | 45                   | 11 | 11 | 6  | 2  | 1  | 0  | 1  | 0   | I |  |   |

| WIND SPEED 15-19 MPH |   |    |   |   |   |   |   |   |   |   | I | WIND SPEED GREATER/EQUAL 20 MPH |   |   |   |   |   |   |   |   |      |   | I   | TOTAL | NUMBER |  |
|----------------------|---|----|---|---|---|---|---|---|---|---|---|---------------------------------|---|---|---|---|---|---|---|---|------|---|-----|-------|--------|--|
|                      |   |    |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |      |   | I   |       |        |  |
| <100                 |   |    |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |      | I |     | 0     |        |  |
| 95-99                | 2 |    |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |      | I | 3   | 2     |        |  |
| 90-94                | 3 | 2  |   |   |   |   |   |   |   |   | I | 2                               |   |   |   |   |   |   |   |   |      | I | 78  | 48    |        |  |
| 85-89                | 3 | 10 | 2 |   |   |   |   |   |   |   | I | 2                               |   |   |   |   |   |   |   |   |      | I | 238 | 147   |        |  |
| 80-84                |   | 2  |   |   |   |   |   |   |   |   | I |                                 |   | 2 |   |   |   |   |   |   |      |   | I   | 244   | 151    |  |
| 75-79                |   | 2  | 3 | 3 |   |   |   |   |   |   | I |                                 | 2 |   |   |   |   |   |   |   |      | I | 167 | 103   |        |  |
| 70-74                |   | 2  |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |      | I | 107 | 66    |        |  |
| 65-69                |   | 3  | 2 |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |      | I | 76  | 47    |        |  |
| 60-64                |   |    |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |      | I | 49  | 30    |        |  |
| 55-59                |   |    |   | 2 |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |      | I | 24  | 15    |        |  |
| 50-54                |   |    |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |      | I | 15  | 9     |        |  |
| 45-49                |   |    |   |   |   |   |   |   |   |   |   | I                               |   |   |   |   |   |   |   |   |      |   | I   |       | 0      |  |
| 40-44                |   |    |   |   |   |   |   |   |   |   |   | I                               |   |   |   |   |   |   |   |   |      |   | I   |       | 0      |  |
| 35-39                |   |    |   |   |   |   |   |   |   |   |   | I                               |   |   |   |   |   |   |   |   |      |   | I   |       | 0      |  |
| 30-34                |   |    |   |   |   |   |   |   |   |   |   | I                               |   |   |   |   |   |   |   |   |      |   | I   |       | 0      |  |
| <30                  |   |    |   |   |   |   |   |   |   |   |   | I                               |   |   |   |   |   |   |   |   |      |   | I   |       | 0      |  |
| TOTAL                | 8 | 19 | 6 | 5 | 2 |   |   |   |   |   | I | 3                               | 2 |   |   |   |   |   |   | I | 1000 |   |     |       |        |  |
| NUMBER               | 5 | 12 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | I | 2                               | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0    | I |     |       | 618    |  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101803CHALLIS RS1964-1983

MONTH SEP  
---

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |     |     |    |    |    |    |    |    |     | WIND SPEED 5-9 MPH |     |    |    |    |    |    |    |    |     | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |     |    |
|----------------|--------------------|-----|-----|----|----|----|----|----|----|-----|--------------------|-----|----|----|----|----|----|----|----|-----|----------------------|----|----|----|----|----|----|----|----|-----|----|
|                | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY  |     |    |    |    |    |    |    |    |     | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |     |    |
|                | 1                  | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                  | 11  | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                    | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  |    |
|                | TO                 | TO  | TO  | TO | TO | TO | TO | TO | TO | TO  | TO                 | TO  | TO | TO | TO | TO | TO | TO | TO | TO  | TO                   | TO | TO | TO | TO | TO | TO | TO | TO | TO  | TO |
|                | 10                 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                 | 20  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |    |
| <100           |                    |     |     |    |    |    |    |    |    |     |                    |     |    |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |    |
| 95-99          |                    |     |     |    |    |    |    |    |    |     |                    |     |    |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |    |
| 90-94          |                    |     |     |    |    |    |    |    |    |     |                    |     |    |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |    |
| 85-89          | 2                  | 5   |     |    |    |    |    |    |    |     |                    | 7   | 3  |    |    |    |    |    |    |     |                      | 2  | 14 |    |    |    |    |    |    |     |    |
| 80-84          | 5                  | 27  | 5   |    |    |    |    |    |    |     |                    | 41  | 2  |    |    |    |    |    |    |     |                      | 3  | 7  | 5  |    |    |    |    |    |     |    |
| 75-79          | 2                  | 66  | 34  | 2  |    |    |    |    |    |     |                    | 3   | 25 | 14 |    |    |    |    |    |     |                      |    | 14 | 10 |    |    |    |    |    |     |    |
| 70-74          | 2                  | 37  | 44  | 12 | 2  |    |    |    |    |     |                    | 2   | 20 | 37 | 5  |    |    |    |    |     |                      |    | 7  | 17 | 2  |    |    |    |    |     |    |
| 65-69          |                    | 15  | 39  | 19 | 5  |    | 3  |    |    |     |                    |     | 17 | 19 | 10 | 2  |    |    |    |     |                      |    |    | 7  |    |    |    |    |    |     |    |
| 60-64          |                    | 19  | 19  | 19 | 8  | 5  | 2  | 2  |    |     |                    |     | 10 | 3  | 15 | 5  |    |    |    |     |                      |    |    | 3  | 3  | 5  | 3  |    |    |     |    |
| 55-59          |                    | 5   | 10  | 12 | 12 | 3  | 7  | 3  | 2  |     |                    |     | 2  | 14 | 12 | 12 | 2  |    |    |     |                      |    |    | 2  | 5  | 2  |    |    |    |     |    |
| 50-54          |                    |     | 5   | 5  | 7  | 5  | 3  |    |    |     |                    |     |    | 3  | 3  | 7  | 3  | 3  |    |     |                      |    |    |    |    | 2  | 2  |    |    |     |    |
| 45-49          |                    |     | 2   | 5  |    |    | 2  |    |    |     |                    |     |    | 3  | 2  | 3  | 5  |    |    |     |                      |    |    |    | 5  |    | 2  | 2  |    |     |    |
| 40-44          |                    |     |     |    | 2  | 2  | 2  |    |    |     |                    |     |    | 3  |    |    |    |    | 2  | 2   |                      |    |    |    |    | 3  |    |    |    |     |    |
| 35-39          |                    |     |     |    |    |    |    |    |    |     |                    |     |    |    |    |    |    |    |    | 2   |                      |    |    |    |    |    |    |    |    |     |    |
| 30-34          |                    |     |     |    |    |    |    |    |    |     |                    |     |    |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |    |
| <30            |                    |     |     |    |    |    |    |    |    |     |                    |     |    |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |    |
| TOTAL          | 10                 | 175 | 158 | 73 | 36 | 15 | 19 | 5  | 2  |     | 5                  | 122 | 98 | 51 | 29 | 7  | 8  | 2  | 3  |     | 5                    | 48 | 42 | 14 | 8  | 10 | 2  |    |    |     |    |
| NUMBER         | 6                  | 103 | 93  | 43 | 21 | 9  | 11 | 3  | 1  | 0   | 3                  | 72  | 58 | 30 | 17 | 4  | 5  | 1  | 2  | 0   | 3                    | 28 | 25 | 8  | 5  | 6  | 1  | 0  | 0  | 0   |    |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |     | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |     | TOTAL NUMBER |  |  |  |  |  |  |  |  |  |
|----------------|----------------------|----|----|----|----|----|----|----|----|-----|---------------------------------|----|----|----|----|----|----|----|----|-----|--------------|--|--|--|--|--|--|--|--|--|
|                | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |     | RELATIVE HUMIDITY               |    |    |    |    |    |    |    |    |     | TOTAL NUMBER |  |  |  |  |  |  |  |  |  |
|                | 1                    | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                               | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | TOTAL NUMBER |  |  |  |  |  |  |  |  |  |
|                | TO                   | TO | TO | TO | TO | TO | TO | TO | TO | TO  | TO                              | TO | TO | TO | TO | TO | TO | TO | TO | TO  |              |  |  |  |  |  |  |  |  |  |
|                | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                              | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |              |  |  |  |  |  |  |  |  |  |
| <100           |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 95-99          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 90-94          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 85-89          |                      | 2  |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 80-84          |                      | 7  |    |    |    |    |    |    |    |     |                                 | 2  |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 75-79          | 2                    | 3  | 5  |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 70-74          |                      | 2  | 2  | 2  |    |    |    |    |    |     |                                 | 3  | 2  |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 65-69          | 2                    |    | 3  |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 60-64          |                      | 2  |    |    |    | 2  |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 55-59          |                      |    |    |    | 2  | 2  |    | 2  |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 50-54          |                      |    |    |    | 3  |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 45-49          |                      |    |    |    | 2  |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 40-44          |                      |    |    |    |    |    |    | 2  |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 35-39          |                      |    |    |    |    | 2  |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| 30-34          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| <30            |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| TOTAL          | 3                    | 15 | 10 | 8  | 5  |    | 2  | 2  |    |     | 5                               | 2  |    |    |    |    |    |    |    |     |              |  |  |  |  |  |  |  |  |  |
| NUMBER         | 2                    | 9  | 6  | 5  | 3  | 0  | 1  | 1  | 0  | 0   | 0                               | 3  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   |              |  |  |  |  |  |  |  |  |  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101303

INDIANOLA RS

1964-1983

| MONTH                |  | JUN                |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
|----------------------|--|--------------------|----|-----|----|----|----|----|----|----|-----|---------------------------------|----|-----|-----|----|----|----|----|----|----|----------------------|------|--------|-----|----|----|----|----|----|----|----|-----|
|                      |  | WIND SPEED 0-4 MPH |    |     |    |    |    |    |    |    |     | WIND SPEED 5-9 MPH              |    |     |     |    |    |    |    |    |    | WIND SPEED 10-14 MPH |      |        |     |    |    |    |    |    |    |    |     |
|                      |  | RELATIVE HUMIDITY  |    |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY               |    |     |     |    |    |    |    |    |    | RELATIVE HUMIDITY    |      |        |     |    |    |    |    |    |    |    |     |
| TEMP.                |  | 1                  | 11 | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1                               | 11 | 21  | 31  | 41 | 51 | 61 | 71 | 81 | 91 | 1                    | 11   | 21     | 31  | 41 | 51 | 61 | 71 | 81 | 91 |    |     |
| DEG F                |  | TO                 | TO | TO  | TO | TO | TO | TO | TO | TO | TO  | TO                              | TO | TO  | TO  | TO | TO | TO | TO | TO | TO | TO                   | TO   | TO     | TO  | TO | TO | TO | TO | TO | TO |    |     |
|                      |  | 10                 | 20 | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 1                               | 10 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100                  | 1    | 10     | 20  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| <hr/>                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| <100                 |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 95-99                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    | 7   |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 90-94                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    | 9   | 7   |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 85-89                |  | 2                  | 5  | 3   |    |    |    |    |    |    |     |                                 |    | 2   | 28  | 31 |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 80-84                |  |                    | 10 | 9   | 3  |    |    |    |    |    |     |                                 |    | 2   | 35  | 42 | 12 |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 75-79                |  |                    | 16 | 33  | 16 | 5  |    |    |    |    |     |                                 |    | 1   | 19  | 22 | 17 | 14 |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 70-74                |  |                    | 7  | 31  | 9  | 3  |    |    |    |    |     |                                 |    | 9   | 19  | 19 | 9  | 2  | 2  |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 65-69                |  |                    | 2  | 7   | 31 | 9  | 3  |    |    |    |     |                                 |    | 3   | 14  | 22 | 14 | 5  | 3  | 2  |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 60-64                |  |                    |    | 5   | 19 | 19 | 9  | 3  | 3  |    |     |                                 |    | 9   | 19  | 19 | 9  | 2  | 2  |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 55-59                |  |                    |    | 12  | 10 | 14 | 5  |    | 2  |    |     |                                 |    | 3   | 14  | 22 | 14 | 5  | 3  | 2  |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 50-54                |  |                    |    |     | 5  | 14 | 7  | 5  | 3  |    | 2   |                                 |    |     | 3   | 7  | 3  | 12 | 5  |    | 3  |                      |      |        |     |    |    |    |    |    |    |    |     |
| 45-49                |  |                    |    |     | 3  | 3  |    | 5  | 10 | 5  | 9   |                                 |    |     | 2   |    | 5  | 3  | 3  |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 40-44                |  |                    |    |     |    |    | 3  | 2  | 3  | 7  | 2   |                                 |    |     |     |    |    |    |    | 5  | 2  |                      |      |        |     |    |    |    |    |    |    |    |     |
| 35-39                |  |                    |    |     |    |    |    | 2  |    | 2  |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 30-34                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| <30                  |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| <hr/>                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| TOTAL                |  | 3                  | 43 | 107 | 66 | 48 | 24 | 22 | 14 | 17 | 3   | 1                               | 5  | 111 | 138 | 83 | 50 | 24 | 14 | 9  | 5  | 1                    | 3    | 40     | 48  | 22 | 12 | 10 | 7  | 2  |    |    |     |
| NUMBER               |  | 2                  | 25 | 62  | 38 | 28 | 14 | 13 | 8  | 10 | 2   | 1                               | 3  | 64  | 80  | 48 | 29 | 14 | 8  | 5  | 3  | 0                    | 1    | 2      | 23  | 28 | 13 | 7  | 6  | 4  | 1  | 0  | 0   |
| <hr/>                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| WIND SPEED 15-19 MPH |  |                    |    |     |    |    |    |    |    |    |     | WIND SPEED GREATER/EQUAL 20 MPH |    |     |     |    |    |    |    |    |    | TOTAL                |      | NUMBER |     |    |    |    |    |    |    |    |     |
|                      |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| <100                 |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 95-99                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 90-94                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 85-89                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 80-84                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 75-79                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 70-74                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 65-69                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 60-64                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 55-59                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 50-54                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 45-49                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 40-44                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 35-39                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| 30-34                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| <30                  |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| <hr/>                |  |                    |    |     |    |    |    |    |    |    |     |                                 |    |     |     |    |    |    |    |    |    |                      |      |        |     |    |    |    |    |    |    |    |     |
| TOTAL                |  |                    | 22 | 16  | 9  |    | 3  | 3  | 2  |    |     | 1                               | 2  | 3   | 2   |    |    | 2  |    | 2  |    |                      | 1000 |        |     |    |    |    |    |    |    |    |     |
| NUMBER               |  | 0                  | 13 | 9   | 5  | 0  | 2  | 2  | 1  | 0  | 0   | 1                               | 1  | 2   | 1   | 0  | 0  | 1  | 0  | 1  | 0  | 0                    | 1    |        | 578 |    |    |    |    |    |    |    |     |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101303

INDIANOLA RS

1964-1983

MONTH JUL

| WIND SPEED 0-4 MPH |    |    |    |    |    |    |    |    |    |     | I | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |    |     |   | I  | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |     |   |  | I |
|--------------------|----|----|----|----|----|----|----|----|----|-----|---|--------------------|-----|-----|----|----|----|----|----|----|-----|---|----|----------------------|----|----|----|----|----|----|----|-----|---|--|---|
| RELATIVE HUMIDITY  |    |    |    |    |    |    |    |    |    |     | I | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |     |   | I  | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |     |   |  | I |
| TEMP.              | 1  | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I | 1                  | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I | 1  | 11                   | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I |  |   |
| DEG F              | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10                 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10 | 20                   | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I |  |   |
| <100               | 2  |    |    |    |    |    |    |    |    |     | I | 2                  |     |     |    |    |    |    |    |    |     | I | 2  |                      |    |    |    |    |    |    |    |     | I |  |   |
| 95-99              |    | 12 | 5  |    |    |    |    |    |    |     | I | 15                 | 30  | 3   |    |    |    |    |    |    |     | I | 13 | 5                    |    |    |    |    |    |    |    |     | I |  |   |
| 90-94              |    | 36 | 23 |    |    |    |    |    |    |     | I | 20                 | 90  | 41  | 2  |    |    |    |    |    |     | I | 15 | 28                   | 8  |    |    |    |    |    |    |     | I |  |   |
| 85-89              | 2  | 26 | 31 | 16 | 2  |    |    |    |    |     | I | 3                  | 67  | 46  | 15 | 2  |    |    |    |    |     | I | 2  | 15                   | 7  | 8  | 2  |    |    |    |    |     | I |  |   |
| 80-84              |    | 13 | 16 | 33 | 3  |    |    |    |    |     | I |                    | 23  | 35  | 18 | 5  |    |    |    |    |     | I |    | 5                    | 10 | 2  | 5  |    |    |    |    |     | I |  |   |
| 75-79              |    | 5  | 8  | 2  | 8  | 3  |    |    |    |     | I | 2                  | 7   | 26  | 16 | 8  | 3  | 3  |    |    |     | I |    | 5                    | 2  |    |    |    |    |    |    |     | I |  |   |
| 70-74              |    |    |    | 3  | 5  | 3  |    |    |    | 2   | I |                    | 3   | 7   | 2  | 8  | 8  |    |    |    |     | I |    |                      |    | 2  | 2  |    |    |    |    |     | I |  |   |
| 65-69              |    |    | 2  |    | 2  | 2  |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    | 2  | 2  |    |    |    |     | I |  |   |
| 60-64              |    |    | 2  |    | 3  | 2  | 3  | 3  |    | 3   | I |                    |     |     | 3  | 2  | 2  |    |    | 3  |     | I |    |                      |    |    | 2  | 2  |    |    |    |     | I |  |   |
| 55-59              |    |    |    |    |    |    |    |    | 3  | 3   | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| 50-54              |    |    | 2  |    |    |    | 3  |    | 2  | 3   | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    | 2  |    |    |    |     | I |  |   |
| 45-49              |    |    |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| 40-44              |    |    |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| 35-39              |    |    |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| 30-34              |    |    |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| <30                |    |    |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| TOTAL              | 3  | 92 | 87 | 58 | 23 | 10 | 7  | 5  | 7  | 8   | I | 41                 | 220 | 158 | 56 | 25 | 13 | 8  |    | 7  |     | I | 31 | 58                   | 26 | 13 | 13 |    |    |    |    |     | I |  |   |
| NUMBER             | 2  | 56 | 53 | 35 | 14 | 6  | 4  | 3  | 4  | 5   | I | 25                 | 134 | 96  | 34 | 15 | 8  | 5  | 0  | 4  | 0   | I | 19 | 35                   | 16 | 8  | 8  | 0  | 0  | 0  | 0  | 0   | I |  |   |

| WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |    |     | I | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |     |   | I    | TOTAL |  | NUMBER |   |  |  |
|----------------------|----|----|----|----|----|----|----|----|----|-----|---|---------------------------------|----|----|----|----|----|----|----|----|-----|---|------|-------|--|--------|---|--|--|
|                      |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     |   |      |       |  |        | I |  |  |
| TEMP.                | 1  | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I | 1                               | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I |      |       |  |        |   |  |  |
| DEG F                | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10                              | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I |      |       |  |        |   |  |  |
| <100                 |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 5    | 3     |  |        |   |  |  |
| 95-99                | 7  | 2  |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 90   | 55    |  |        |   |  |  |
| 90-94                | 2  | 2  |    |    |    |    |    |    |    |     | I | 2                               |    |    |    |    |    |    |    |    |     | I | 271  | 165   |  |        |   |  |  |
| 85-89                |    | 7  | 3  |    |    |    |    |    |    |     | I |                                 | 2  |    |    |    |    |    |    |    |     | I | 255  | 155   |  |        |   |  |  |
| 80-84                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 168  | 102   |  |        |   |  |  |
| 75-79                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    | 2  |    |    |    |    |     | I | 102  | 62    |  |        |   |  |  |
| 70-74                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 46   | 26    |  |        |   |  |  |
| 65-69                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 21   | 13    |  |        |   |  |  |
| 60-64                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 23   | 14    |  |        |   |  |  |
| 55-59                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 12   | 7     |  |        |   |  |  |
| 50-54                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I | 7    | 4     |  |        |   |  |  |
| 45-49                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |      | 0     |  |        |   |  |  |
| 40-44                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |      | 0     |  |        |   |  |  |
| 35-39                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |      | 0     |  |        |   |  |  |
| 30-34                |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |      | 0     |  |        |   |  |  |
| <30                  |    |    |    |    |    |    |    |    |    |     | I |                                 |    |    |    |    |    |    |    |    |     | I |      | 0     |  |        |   |  |  |
| TOTAL                | 8  | 10 | 7  | 2  |    |    |    |    |    |     | I | 2                               | 2  |    | 2  |    |    |    |    |    |     | I | 1000 |       |  |        |   |  |  |
| NUMBER               | 5  | 6  | 4  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | I | 1                               | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | I |      | 608   |  |        |   |  |  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101303

INDIANOLA RS

1964-1983

MONTH AUG

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |     |     |    |    |    |    |    |    |    | I   | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |    |    | I   | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |    | I   |
|----------------|--------------------|-----|-----|----|----|----|----|----|----|----|-----|--------------------|-----|-----|----|----|----|----|----|----|----|-----|----------------------|----|----|----|----|----|----|----|----|----|-----|
|                | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |    | I   | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |    | I   | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |    | I   |
|                | 10                 | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 100 | 10                 | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 100 | 10                   | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 100 |
| <100           |                    |     |     |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |    |     |
| 95-99          | 7                  | 15  | 3   |    |    |    |    |    |    |    |     | 23                 | 28  |     |    |    |    |    |    |    |    |     |                      | 5  | 2  |    |    |    |    |    |    |    |     |
| 90-94          | 5                  | 59  | 10  | 3  |    |    |    |    |    |    |     | 16                 | 77  | 2   |    |    |    |    |    |    |    |     |                      | 3  | 13 | 2  |    |    |    |    |    |    |     |
| 85-89          | 2                  | 36  | 41  | 7  | 3  | 2  |    |    |    |    |     | 3                  | 64  | 49  | 10 | 2  |    |    |    |    |    |     |                      | 3  | 11 | 3  | 2  |    |    |    |    |    |     |
| 80-84          |                    | 3   | 39  | 26 | 7  | 2  | 2  |    |    |    |     | 2                  | 15  | 41  | 20 | 7  |    |    |    |    |    |     |                      |    | 8  | 10 | 3  |    |    |    |    |    |     |
| 75-79          | 2                  | 5   | 8   | 15 | 15 | 2  |    |    |    | 2  |     | 1                  | 2   | 15  | 18 | 10 |    |    |    |    |    |     |                      |    | 3  | 3  | 3  | 2  |    |    |    |    |     |
| 70-74          |                    | 2   | 3   | 7  | 3  | 5  |    |    | 2  |    |     |                    |     | 5   | 13 | 11 | 3  | 5  |    |    |    |     |                      |    |    |    | 2  | 2  | 3  |    |    |    |     |
| 65-69          |                    |     |     |    | 5  | 7  | 8  | 3  | 2  | 2  | 3   | 1                  |     | 2   | 2  | 2  | 5  | 2  | 5  |    |    |     |                      |    | 2  |    |    |    |    | 2  |    |    |     |
| 60-64          |                    |     |     |    | 2  | 5  | 5  | 3  | 3  | 3  | 3   | 1                  |     | 2   | 2  | 3  | 5  | 3  | 2  | 2  | 2  | 2   |                      |    |    |    |    | 3  | 2  |    |    | 2  |     |
| 55-59          |                    |     |     |    |    | 2  | 5  | 2  | 2  |    |     |                    |     |     |    |    | 2  |    |    |    |    |     |                      |    |    |    |    | 2  |    |    |    |    |     |
| 50-54          |                    |     |     |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |    |     |
| 45-49          |                    |     |     |    |    |    |    |    |    |    | 2   |                    |     |     |    |    |    |    | 2  |    |    |     |                      |    |    |    |    |    |    |    |    |    |     |
| 40-44          |                    |     |     |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |    |     |
| 35-39          |                    |     |     |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |    |     |
| 30-34          |                    |     |     |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |    |     |
| <30            |                    |     |     |    |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |    |     |
| TOTAL          | 15                 | 119 | 104 | 64 | 39 | 24 | 13 | 8  | 8  | 8  | 1   | 44                 | 187 | 112 | 65 | 36 | 13 | 8  | 8  | 3  | 2  | 1   | 11                   | 39 | 18 | 10 | 8  | 5  | 2  |    | 2  |    |     |
| NUMBER         | 9                  | 73  | 64  | 39 | 24 | 15 | 8  | 5  | 5  | 5  | 1   | 27                 | 115 | 69  | 40 | 22 | 8  | 5  | 5  | 2  | 1  | 1   | 7                    | 24 | 11 | 6  | 5  | 3  | 1  | 0  | 1  | 0  |     |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |    | I   | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |    | I   | TOTAL |      | NUMBER |  |  |
|----------------|----------------------|----|----|----|----|----|----|----|----|----|-----|---------------------------------|----|----|----|----|----|----|----|----|----|-----|-------|------|--------|--|--|
|                |                      |    |    |    |    |    |    |    |    |    |     | I                               |    |    |    |    |    |    |    |    |    |     |       | I    |        |  |  |
|                | 10                   | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 100 | 10                              | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 100 |       |      |        |  |  |
| <100           | 2                    |    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       | 2    | 1      |  |  |
| 95-99          | 5                    |    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       | 86   | 53     |  |  |
| 90-94          | 2                    | 2  |    |    |    |    |    |    |    |    |     | 2                               | 2  |    |    |    |    |    |    |    |    |     |       | 195  | 120    |  |  |
| 85-89          | 2                    | 2  |    |    |    |    |    |    |    |    |     |                                 | 2  |    |    |    |    |    |    |    |    |     |       | 241  | 148    |  |  |
| 80-84          |                      |    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       | 182  | 112    |  |  |
| 75-79          |                      | 2  |    | 2  |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       | 106  | 65     |  |  |
| 70-74          |                      |    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       | 67   | 41     |  |  |
| 65-69          |                      |    |    | 2  |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       | 49   | 30     |  |  |
| 60-64          |                      |    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       | 52   | 32     |  |  |
| 55-59          |                      |    |    |    |    |    | 2  |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       | 15   | 9      |  |  |
| 50-54          |                      |    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       | 2    | 1      |  |  |
| 45-49          |                      |    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       | 3    | 2      |  |  |
| 40-44          |                      |    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       |      | 0      |  |  |
| 35-39          |                      |    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       |      | 0      |  |  |
| 30-34          |                      |    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       |      | 0      |  |  |
| <30            |                      |    |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |    |     |       |      | 0      |  |  |
| TOTAL          | 10                   | 5  | 2  | 2  |    |    | 2  |    |    |    |     | 2                               | 3  |    |    |    |    |    |    |    |    |     |       | 1000 |        |  |  |
| NUMBER         | 6                    | 3  | 1  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 1   | 1                               | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |      | 614    |  |  |

(con.)

Table 28 (Con.)

| TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED                 |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
|--------------------------------------------------------------|----|-----|-----|----|----|----|----|----|----|-----|----|----|-----|-----|----|---------------------------------|----|----|----|-----|----|----|----|----|----|----|----|----|----|-----|----|----------------------|----|----|----|----|----|----|----|-----|--|
| PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED              |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| STATION NUMBER 101303                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    | INDIANOLA RS                    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    | 1964-1983            |    |    |    |    |    |    |    |     |  |
| MONTH SEP                                                    |    | --- |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| WIND SPEED 0-4 MPH                                           |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    | WIND SPEED 5-9 MPH              |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |     |  |
| RELATIVE HUMIDITY                                            |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    | RELATIVE HUMIDITY               |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |     |  |
| TEMP.                                                        | 1  | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1  | 11 | 21  | 31  | 41 | 51                              | 61 | 71 | 81 | 91  | 1  | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | 1  | 11                   | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  |  |
| DEG F                                                        | 10 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10 | 20 | 30  | 40  | 50 | 60                              | 70 | 80 | 90 | 100 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10 | 20                   | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |
| <100                                                         |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 95-99                                                        | 2  |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 90-94                                                        |    | 2   |     |    |    |    |    |    |    |     |    | 2  | 10  |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 85-89                                                        |    |     | 32  | 8  |    |    |    |    |    |     |    |    | 25  | 12  |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 80-84                                                        | 2  | 17  | 27  | 5  | 3  |    |    |    |    |     |    | 5  | 42  | 39  | 10 | 3                               |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 75-79                                                        |    | 7   | 25  | 20 | 7  |    |    |    |    |     |    | 2  | 20  | 36  | 8  | 2                               |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 70-74                                                        |    | 5   | 27  | 27 | 12 | 3  | 5  |    |    |     |    |    | 14  | 22  | 27 | 8                               |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 65-69                                                        |    | 3   | 10  | 15 | 7  | 5  | 3  | 3  |    |     |    |    | 7   | 19  | 20 | 10                              | 7  |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 60-64                                                        |    | 3   | 3   | 20 | 12 | 10 | 12 | 3  | 3  |     |    |    |     | 12  | 19 | 17                              | 5  |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 55-59                                                        | 2  | 2   | 3   | 2  | 17 | 8  | 3  | 3  | 3  | 2   |    |    | 7   | 3   | 7  | 7                               | 5  | 2  |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 50-54                                                        |    |     | 3   | 5  | 7  | 3  | 8  | 3  | 2  |     |    |    |     | 5   | 5  |                                 | 2  | 2  |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 45-49                                                        |    |     | 2   | 2  | 2  |    | 2  | 5  |    |     |    |    |     | 2   | 2  | 2                               | 2  |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 40-44                                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     | 2  | 2                               |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 35-39                                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 30-34                                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| <30                                                          |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| TOTAL                                                        | 5  | 71  | 110 | 96 | 66 | 30 | 34 | 19 | 10 | 2   |    | 8  | 118 | 146 | 95 | 56                              | 22 | 8  | 5  | 2   | 3  |    | 3  | 19 | 27 | 12 | 7  | 7  | 2  |     |    |                      |    |    |    |    |    |    |    |     |  |
| NUMBER                                                       | 3  | 42  | 65  | 57 | 39 | 18 | 20 | 11 | 6  | 1   |    | 5  | 70  | 86  | 56 | 33                              | 13 | 5  | 3  | 1   | 2  |    | 2  | 11 | 16 | 7  | 4  | 4  | 1  | 0   | 0  | 0                    |    |    |    |    |    |    |    |     |  |
| WIND SPEED 15-19 MPH                                         |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    | TOTAL                |    |    |    |    |    |    |    |     |  |
| RELATIVE HUMIDITY                                            |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    | RELATIVE HUMIDITY               |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |     |  |
| <100                                                         |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 95-99                                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 90-94                                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 85-89                                                        |    | 2   |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 80-84                                                        |    |     |     |    |    |    |    |    |    |     |    |    | 2   |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 75-79                                                        |    | 3   |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 70-74                                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 65-69                                                        |    |     |     |    | 2  |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 60-64                                                        |    |     |     |    | 2  | 2  |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 55-59                                                        |    | 2   |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 50-54                                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 45-49                                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 40-44                                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 35-39                                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 30-34                                                        |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| <30                                                          |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| TOTAL                                                        |    | 7   |     |    | 3  | 2  |    |    |    |     |    |    | 2   |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| NUMBER                                                       | 0  | 4   | 0   | 2  | 1  | 0  | 0  | 0  | 0  | 0   |    | 0  | 1   | 0   | 0  | 0                               | 0  | 0  | 1  | 1   | 0  |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |
| 591                                                          |    |     |     |    |    |    |    |    |    |     |    |    |     |     |    |                                 |    |    |    |     |    |    |    |    |    |    |    |    |    |     |    |                      |    |    |    |    |    |    |    |     |  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101206

KRASSEL RS

1964-1983

MONTH JUN

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |    |    |    |    |    |    |    |     |    | I  | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |     |    | I  | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |     |    | I |   |   |  |
|----------------|--------------------|----|----|----|----|----|----|----|-----|----|----|--------------------|-----|-----|----|----|----|----|----|-----|----|----|----------------------|----|----|----|----|----|----|----|-----|----|---|---|---|--|
|                | RELATIVE HUMIDITY  |    |    |    |    |    |    |    |     |    |    | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |     |    |    | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |     |    |   |   |   |  |
|                | 1                  | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81  | 91 |    | 1                  | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81  | 91 |    | 1                    | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81  | 91 |   |   |   |  |
| TO             | TO                 | TO | TO | TO | TO | TO | TO | TO | TO  | TO | TO | TO                 | TO  | TO  | TO | TO | TO | TO | TO | TO  | TO | TO | TO                   | TO | TO | TO | TO | TO | TO | TO | TO  |    |   |   |   |  |
| 10             | 20                 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I  | 10 | 20                 | 30  | 40  | 50 | 60 | 70 | 80 | 90 | 100 | I  | 10 | 20                   | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |    |   |   |   |  |
| -----          |                    |    |    |    |    |    |    |    |     |    |    |                    |     |     |    |    |    |    |    |     |    |    |                      |    |    |    |    |    |    |    |     |    |   |   |   |  |
| <100           |                    |    |    |    |    |    |    |    |     |    | I  |                    |     |     |    |    |    |    |    |     |    | I  |                      |    |    |    |    |    |    |    |     |    | I |   |   |  |
| 95-99          |                    |    |    |    |    |    |    |    |     |    | I  | 7                  |     |     |    |    |    |    |    |     |    | I  |                      |    |    |    |    |    |    |    |     |    | I |   |   |  |
| 90-94          |                    |    |    |    |    |    |    |    |     |    | I  | 19                 | 5   |     |    |    |    |    |    |     |    | I  | 2                    | 7  |    |    |    |    |    |    |     |    | I |   |   |  |
| 85-89          | 5                  | 2  |    |    |    |    |    |    |     |    | I  | 32                 | 14  |     |    |    |    |    |    |     | I  | 2  | 7                    | 5  |    |    |    |    |    |    |     | I  |   |   |   |  |
| 80-84          | 12                 | 7  | 2  |    |    |    |    |    |     |    | I  | 49                 | 46  | 16  | 2  |    |    |    |    |     | I  | 12 | 5                    |    |    |    |    |    |    |    | I   |    |   |   |   |  |
| 75-79          | 12                 | 28 |    |    |    |    |    |    |     | I  | 49 | 49                 | 16  | 2   |    |    |    |    |    | I   | 7  | 2  |                      |    |    |    |    |    |    | I  |     |    |   |   |   |  |
| 70-74          | 14                 | 21 | 21 | 5  |    |    |    |    |     |    | I  | 35                 | 49  | 16  | 2  |    |    |    |    |     | I  | 7  | 2                    |    |    |    |    |    |    |    | I   |    |   |   |   |  |
| 65-69          | 5                  | 16 | 14 | 9  | 2  |    |    |    |     |    | I  | 21                 | 35  | 9   | 2  |    |    |    |    |     | I  | 14 | 5                    | 2  | 5  |    |    |    |    |    | I   |    |   |   |   |  |
| 60-64          |                    | 9  | 28 | 16 | 5  | 2  |    |    |     |    |    | I                  | 9   | 23  | 21 | 2  | 5  | 2  | 2  |     |    |    |                      |    | I  | 5  | 2  |    |    |    |     |    |   |   | I |  |
| 55-59          |                    |    |    | 2  | 5  | 21 |    | 2  | 9   | 2  | I  | 2                  | 14  | 5   | 5  | 7  | 2  |    | 2  |     |    |    |                      |    | I  | 5  | 2  |    |    |    |     |    |   |   | I |  |
| 50-54          |                    |    | 2  | 5  | 12 | 7  | 7  | 5  | 14  | 7  | I  |                    | 5   | 7   | 12 | 5  | 2  |    |    |     |    |    | I                    |    | 2  |    |    |    |    |    |     |    | I |   |   |  |
| 45-49          |                    |    |    | 2  | 5  |    | 7  | 5  | 9   | 5  | I  |                    |     | 7   | 5  | 2  | 5  | 5  |    |     |    |    |                      | I  |    |    | 2  |    |    |    |     |    |   |   | I |  |
| 40-44          |                    |    |    |    |    |    | 5  | 2  | 5   |    | I  |                    |     |     |    |    |    |    |    |     |    |    | I                    |    |    |    |    |    |    |    |     |    |   | I |   |  |
| 35-39          |                    |    |    |    |    |    |    | 5  | 2   | 5  | I  |                    |     |     |    |    |    |    |    |     |    |    | I                    |    |    |    |    |    |    |    |     |    |   | I |   |  |
| 30-34          |                    |    |    |    |    |    |    |    |     |    | I  |                    |     |     |    |    |    |    |    |     |    |    | I                    |    |    |    |    |    |    |    |     |    |   | I |   |  |
| <30            |                    |    |    |    |    |    |    |    |     |    | I  |                    |     |     |    |    |    |    |    |     |    |    | I                    |    |    |    |    |    |    |    |     |    |   | I |   |  |
| -----          |                    |    |    |    |    |    |    |    |     |    |    |                    |     |     |    |    |    |    |    |     |    |    |                      |    |    |    |    |    |    |    |     |    |   |   |   |  |
| TOTAL          |                    | 46 | 86 | 74 | 51 | 35 | 21 | 14 | 42  | 16 | I  | 5                  | 174 | 190 | 81 | 30 | 19 | 12 | 7  | 2   | I  | 5  | 46                   | 26 | 2  | 9  |    |    |    |    |     |    |   |   |   |  |
| NUMBER         | 0                  | 20 | 37 | 32 | 22 | 15 | 9  | 6  | 18  | 7  | I  | 2                  | 75  | 82  | 35 | 13 | 8  | 5  | 3  | 1   | 0  | I  | 2                    | 20 | 11 | 1  | 4  | 0  | 0  | 0  | 0   | 0  | 0 |   |   |  |

| WIND SPEED 15-19 MPH |   |   |   |   |   |   |   |   |   |   | I | WIND SPEED GREATER/EQUAL 20 MPH |   |   |   |   |   |   |   |   |   |   | I   | TOTAL NUMBER |  |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---------------------------------|---|---|---|---|---|---|---|---|---|---|-----|--------------|--|
| -----                |   |   |   |   |   |   |   |   |   |   | I | -----                           |   |   |   |   |   |   |   |   |   |   | I   | -----        |  |
| <100                 |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 0            |  |
| 95-99                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 7 3          |  |
| 90-94                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 39 17        |  |
| 85-89                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 86 37        |  |
| 80-84                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 172 74       |  |
| 75-79                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 172 74       |  |
| 70-74                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 139 60       |  |
| 65-69                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 132 57       |  |
| 60-64                |   |   |   |   |   |   |   |   |   |   | I | 2                               |   |   |   |   |   |   |   |   |   |   | I   | 86 37        |  |
| 55-59                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 90 39        |  |
| 50-54                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 58 25        |  |
| 45-49                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 12 5         |  |
| 40-44                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 7 3          |  |
| 35-39                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 0 0          |  |
| 30-34                |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 0 0          |  |
| <30                  |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   | 0 0          |  |
| -----                |   |   |   |   |   |   |   |   |   |   | I | -----                           |   |   |   |   |   |   |   |   |   |   | I   | -----        |  |
| TOTAL                |   |   |   |   |   |   |   |   |   |   | I | 2                               |   |   |   |   |   |   |   |   |   |   | I   | 1000         |  |
|                      |   |   |   |   |   |   |   |   |   |   | I |                                 |   |   |   |   |   |   |   |   |   |   | I   |              |  |
| NUMBER               | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | I | 0                               | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | I | 431 |              |  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101206

KHASSEL RS

1964-1983

MONTH JUL

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |    |    |    |    |    |    |    |    |    | I | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |    |    | I | WIND SPEED 10-14 MPH |     |    |    |    |    |    |    |    |    | I |
|----------------|--------------------|----|----|----|----|----|----|----|----|----|---|--------------------|-----|-----|----|----|----|----|----|----|----|---|----------------------|-----|----|----|----|----|----|----|----|----|---|
|                | RELATIVE HUMIDITY  |    |    |    |    |    |    |    |    |    |   | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |    |   | RELATIVE HUMIDITY    |     |    |    |    |    |    |    |    |    |   |
|                | 10                 | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 |   | 10                 | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91 |   | 10                   | 11  | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 |   |
| TOTAL          | 5                  | 54 | 62 | 27 | 10 | 12 | 10 | 5  | 10 | 10 | I | 42                 | 335 | 152 | 25 | 22 | 3  |    |    | 2  | 2  | I | 35                   | 107 | 34 | 10 | 3  | 2  |    |    |    |    |   |
| NUMBER         | 3                  | 32 | 37 | 16 | 6  | 7  | 6  | 3  | 6  | 6  | I | 25                 | 200 | 91  | 15 | 13 | 2  | 0  | 1  | 1  | 0  | I | 21                   | 64  | 20 | 6  | 2  | 1  | 0  | 0  | 0  | 0  | 0 |

| TEMP.  | WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |    | I | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |    | I | TOTAL |  | NUMBER |  |  |  |  |  |  |  |  |
|--------|----------------------|----|----|----|----|----|----|----|----|----|---|---------------------------------|----|----|----|----|----|----|----|----|----|---|-------|--|--------|--|--|--|--|--|--|--|--|
|        | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |    |   | RELATIVE HUMIDITY               |    |    |    |    |    |    |    |    |    |   |       |  |        |  |  |  |  |  |  |  |  |
|        | 10                   | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 |   | 10                              | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 |   |       |  |        |  |  |  |  |  |  |  |  |
| TOTAL  | 2                    | 10 | 3  |    |    |    |    |    |    |    | I | 3                               | 2  | 2  |    |    |    |    |    |    |    | I | 1000  |  |        |  |  |  |  |  |  |  |  |
| NUMBER | 1                    | 6  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | I | 0                               | 2  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | I |       |  | 597    |  |  |  |  |  |  |  |  |

(con.)

Table 28 (Con.)

| TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED                 |    |    |    |    |    |    |    |    |    |     |                    |    |    |     |     |    |    |    |    |    |     |                      |    |    |      |    |    |    |    |    |    |     |     |   |  |
|--------------------------------------------------------------|----|----|----|----|----|----|----|----|----|-----|--------------------|----|----|-----|-----|----|----|----|----|----|-----|----------------------|----|----|------|----|----|----|----|----|----|-----|-----|---|--|
| PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS |    |    |    |    |    |    |    |    |    |     |                    |    |    |     |     |    |    |    |    |    |     |                      |    |    |      |    |    |    |    |    |    |     |     |   |  |
| -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED              |    |    |    |    |    |    |    |    |    |     |                    |    |    |     |     |    |    |    |    |    |     |                      |    |    |      |    |    |    |    |    |    |     |     |   |  |
| STATION NUMBER 101206                                        |    |    |    |    |    |    |    |    |    |     | KRASSEL RS         |    |    |     |     |    |    |    |    |    |     | 1964-1983            |    |    |      |    |    |    |    |    |    |     |     |   |  |
| MONTH AUG                                                    |    |    |    |    |    |    |    |    |    |     |                    |    |    |     |     |    |    |    |    |    |     |                      |    |    |      |    |    |    |    |    |    |     |     |   |  |
| WIND SPEED 0-4 MPH                                           |    |    |    |    |    |    |    |    |    |     | WIND SPEED 5-9 MPH |    |    |     |     |    |    |    |    |    |     | WIND SPEED 10-14 MPH |    |    |      |    |    |    |    |    |    |     |     |   |  |
| RELATIVE HUMIDITY                                            |    |    |    |    |    |    |    |    |    |     | RELATIVE HUMIDITY  |    |    |     |     |    |    |    |    |    |     | RELATIVE HUMIDITY    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| TEMP.                                                        | 1  | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I                  | 1  | 11 | 21  | 31  | 41 | 51 | 61 | 71 | 81 | 91  | I                    | 1  | 11 | 21   | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I   |   |  |
| DEG F                                                        | TO | TO | TO | TO | TO | TO | TO | TO | TO | TO  | I                  | TO | TO | TO  | TO  | TO | TO | TO | TO | TO | TO  | I                    | TO | TO | TO   | TO | TO | TO | TO | TO | TO | TO  | TO  |   |  |
|                                                              | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I                  | 10 | 20 | 30  | 40  | 50 | 60 | 70 | 80 | 90 | 100 | I                    | 10 | 20 | 30   | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I   |   |  |
| <100                                                         |    |    |    |    |    |    |    |    |    |     | I                  |    | 5  |     |     |    |    |    |    |    |     | I                    |    |    | 2    |    |    |    |    |    |    |     |     |   |  |
| 95-99                                                        | 7  | 2  |    |    |    |    |    |    |    |     | I                  |    | 21 | 20  | 2   |    |    |    |    |    |     | I                    |    |    | 3    | 8  |    |    |    |    |    |     |     |   |  |
| 90-94                                                        | 7  | 15 | 5  |    |    |    |    |    |    |     | I                  |    | 41 | 85  | 7   |    |    |    |    |    |     | I                    |    | 18 | 31   |    |    |    |    |    |    |     |     |   |  |
| 85-89                                                        | 2  | 30 | 13 | 3  |    |    |    |    |    |     | I                  |    | 13 | 98  | 15  | 3  | 2  |    |    |    |     | I                    |    | 8  | 28   | 5  |    |    |    |    |    |     |     |   |  |
| 80-84                                                        | 3  | 10 | 7  | 13 | 2  |    |    |    |    |     | I                  |    | 43 | 46  | 8   |    |    |    |    |    |     | I                    |    | 30 | 13   | 2  |    |    |    |    |    |     |     |   |  |
| 75-79                                                        |    | 5  | 10 | 7  | 2  | 3  | 2  |    |    |     | I                  |    | 15 | 20  | 13  | 5  | 2  |    |    |    |     | I                    |    | 10 | 8    | 2  | 3  |    |    |    |    |     |     |   |  |
| 70-74                                                        |    | 2  | 2  | 7  | 7  | 2  | 2  |    |    |     | I                  |    | 2  | 7   | 16  | 16 | 3  | 2  |    |    |     | I                    |    | 2  | 8    | 2  | 2  |    |    |    |    |     |     |   |  |
| 65-69                                                        |    |    | 2  | 7  | 2  | 3  |    | 2  | 3  |     | I                  |    |    | 3   | 5   | 8  | 3  | 3  | 3  |    |     | I                    |    | 3  |      | 3  | 2  |    |    |    |    |     |     |   |  |
| 60-64                                                        |    |    |    |    |    | 2  | 3  |    | 5  | 2   | I                  |    |    |     |     | 7  | 2  | 3  |    | 2  |     | I                    |    |    | 2    |    |    |    | 2  |    |    | 2   |     |   |  |
| 55-59                                                        |    |    |    |    | 2  | 2  | 2  | 5  | 2  | 3   | I                  |    |    |     |     | 2  | 3  | 2  |    |    |     | I                    |    |    |      |    | 2  | 2  |    |    |    |     |     |   |  |
| 50-54                                                        |    |    |    |    |    |    | 3  | 5  | 3  | 2   | I                  |    |    |     |     |    |    |    | 3  | 2  |     | I                    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| 45-49                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| 40-44                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| 35-39                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| 30-34                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| <30                                                          |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| TOTAL                                                        | 18 | 62 | 38 | 36 | 13 | 11 | 11 | 11 | 13 | 7   | I                  |    | 82 | 270 | 113 | 57 | 18 | 11 | 7  | 3  |     | I                    |    | 30 | 113  | 36 | 8  | 8  | 3  |    |    | 2   |     |   |  |
| NUMBER                                                       | 11 | 38 | 23 | 22 | 8  | 7  | 7  | 7  | 8  | 4   | I                  |    | 50 | 165 | 69  | 35 | 11 | 7  | 4  | 2  | 0   | 0                    | I  |    | 18   | 69 | 22 | 5  | 5  | 2  | 0  | 0   | 1   | 0 |  |
| WIND SPEED 15-19 MPH                                         |    |    |    |    |    |    |    |    |    |     |                    |    |    |     |     |    |    |    |    |    |     |                      |    |    |      |    |    |    |    |    |    |     |     |   |  |
| WIND SPEED GREATER/EQUAL 20 MPH                              |    |    |    |    |    |    |    |    |    |     |                    |    |    |     |     |    |    |    |    |    |     |                      |    |    |      |    |    |    |    |    |    |     |     |   |  |
| TOTAL NUMBER                                                 |    |    |    |    |    |    |    |    |    |     |                    |    |    |     |     |    |    |    |    |    |     |                      |    |    |      |    |    |    |    |    |    |     |     |   |  |
| <100                                                         |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    | 7    |    |    |    |    |    |    |     |     |   |  |
| 95-99                                                        | 2  |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    | 64   |    |    |    |    |    |    |     |     |   |  |
| 90-94                                                        |    | 2  |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    | 210  |    |    |    |    |    |    |     |     |   |  |
| 85-89                                                        | 3  | 2  |    |    |    |    |    |    |    |     | I                  |    | 2  |     |     |    |    |    |    |    |     | I                    |    |    | 226  |    |    |    |    |    |    |     |     |   |  |
| 80-84                                                        |    | 2  |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    | 177  |    |    |    |    |    |    |     |     |   |  |
| 75-79                                                        |    |    | 2  |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    | 107  |    |    |    |    |    |    |     |     |   |  |
| 70-74                                                        |    | 2  |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    | 80   |    |    |    |    |    |    |     |     |   |  |
| 65-69                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    | 54   |    |    |    |    |    |    |     |     |   |  |
| 60-64                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    | 33   |    |    |    |    |    |    |     |     |   |  |
| 55-59                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    | 25   |    |    |    |    |    |    |     |     |   |  |
| 50-54                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    | 18   |    |    |    |    |    |    |     |     |   |  |
| 45-49                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| 40-44                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| 35-39                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| 30-34                                                        |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| <30                                                          |    |    |    |    |    |    |    |    |    |     | I                  |    |    |     |     |    |    |    |    |    |     | I                    |    |    |      |    |    |    |    |    |    |     |     |   |  |
| TOTAL                                                        | 5  | 7  | 2  | 2  |    |    |    |    |    |     | I                  |    | 2  |     |     |    |    |    |    |    |     | I                    |    |    | 1000 |    |    |    |    |    |    |     |     |   |  |
| NUMBER                                                       | 3  | 4  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | I                  |    | 0  | 1   | 0   | 0  | 0  | 0  | 0  | 0  | 0   | I                    |    |    |      |    |    |    |    |    |    |     | 610 |   |  |

(con.)

TEMPERATURE - RELATIVE HUMIDITY - WINDSPEED  
PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

1964-1983

(con.)

Table 28 (Con.)

| TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED                 |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
|--------------------------------------------------------------|----|----|----|----|----|----|----|----|----|---------------------------------|----|-----|----|----|----|----|----|----|----|----------------------|------|-----|----|----|----|----|----|----|----|-----|
| PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED              |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| STATION NUMBER 101805                                        |    |    |    |    |    |    |    |    |    | LITTLE CREEK GS                 |    |     |    |    |    |    |    |    |    | 1964-1983            |      |     |    |    |    |    |    |    |    |     |
| MONTH JUL                                                    |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| ---                                                          |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| WIND SPEED 0-4 MPH                                           |    |    |    |    |    |    |    |    |    | WIND SPEED 5-9 MPH              |    |     |    |    |    |    |    |    |    | WIND SPEED 10-14 MPH |      |     |    |    |    |    |    |    |    |     |
| RELATIVE HUMIDITY                                            |    |    |    |    |    |    |    |    |    | RELATIVE HUMIDITY               |    |     |    |    |    |    |    |    |    | RELATIVE HUMIDITY    |      |     |    |    |    |    |    |    |    |     |
| 1                                                            | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 1                               | 11 | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 1                    | 11   | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91 |     |
| TEMP.                                                        | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | TEMP.                           | 10 | 20  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | TEMP.                | 10   | 20  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| DEG F                                                        | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | DEG F                           | 10 | 20  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | DEG F                | 10   | 20  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| <100                                                         |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| 95-99                                                        | 5  | 5  | 2  |    |    |    |    |    |    |                                 | 2  | 5   | 2  |    |    |    |    |    |    |                      | 5    | 3   | 2  |    |    |    |    |    |    |     |
| 90-94                                                        | 2  | 48 | 13 |    |    |    |    |    |    |                                 | 7  | 51  | 10 |    |    |    |    |    |    |                      | 12   | 46  | 7  |    |    |    |    |    |    |     |
| 85-89                                                        | 3  | 38 | 21 | 7  |    |    |    |    |    |                                 | 8  | 48  | 26 |    |    |    |    |    |    |                      | 8    | 46  | 15 |    |    |    |    |    |    |     |
| 80-84                                                        | 2  | 3  | 31 | 30 | 3  |    |    |    |    |                                 | 3  | 21  | 25 | 12 |    | 2  |    |    |    |                      | 31   | 26  | 2  | 3  |    |    |    |    |    |     |
| 75-79                                                        |    | 3  | 15 | 21 | 8  | 2  |    |    |    |                                 | 15 | 15  | 3  |    |    |    |    |    |    |                      | 5    | 15  |    |    |    |    |    |    |    |     |
| 70-74                                                        |    |    | 5  | 3  | 2  | 2  | 2  |    |    |                                 | 5  | 10  | 5  |    |    | 3  | 2  |    |    |                      | 8    | 3   | 5  | 2  | 2  | 2  |    |    |    |     |
| 65-69                                                        |    |    | 2  | 2  | 3  |    |    | 5  | 2  |                                 |    |     | 2  |    | 5  | 2  | 2  |    |    |                      |      |     | 2  |    |    |    |    |    |    |     |
| 60-64                                                        |    |    |    |    |    | 2  | 7  | 2  |    |                                 |    |     | 2  | 3  |    | 3  | 3  | 2  |    |                      |      |     |    |    |    |    |    |    |    |     |
| 55-59                                                        |    |    |    |    |    | 2  |    | 2  |    |                                 |    |     |    |    | 2  | 3  |    |    |    |                      |      |     | 2  |    |    |    | 2  |    |    |     |
| 50-54                                                        |    |    |    |    |    |    |    |    | 2  | 2                               |    |     |    |    |    |    |    | 2  |    |                      |      |     |    |    |    |    |    |    |    |     |
| 45-49                                                        |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    | 2  |    |                      |      |     |    |    |    |    |    |    |    |     |
| 40-44                                                        |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| 35-39                                                        |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| 30-34                                                        |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| <30                                                          |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| TOTAL                                                        | 12 | 97 | 89 | 63 | 17 | 7  | 8  | 8  | 3  | 2                               | 20 | 145 | 87 | 23 | 3  | 12 | 10 | 8  | 2  |                      | 25   | 140 | 68 | 10 | 5  | 2  | 2  | 2  |    |     |
| NUMBER                                                       | 7  | 59 | 54 | 38 | 10 | 4  | 5  | 5  | 2  | 1                               | 12 | 88  | 53 | 14 | 2  | 7  | 6  | 5  | 1  | 0                    | 15   | 85  | 41 | 6  | 3  | 1  | 1  | 1  | 0  | 0   |
| WIND SPEED 15-19 MPH                                         |    |    |    |    |    |    |    |    |    | WIND SPEED GREATER/EQUAL 20 MPH |    |     |    |    |    |    |    |    |    | TOTAL NUMBER         |      |     |    |    |    |    |    |    |    |     |
| <100                                                         |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| 95-99                                                        | 2  | 2  |    |    |    |    |    |    |    |                                 | 2  |     |    |    |    |    |    |    |    |                      | 35   |     |    |    |    |    |    |    |    |     |
| 90-94                                                        | 7  | 7  | 3  |    |    |    |    |    |    |                                 | 12 |     |    |    |    |    |    |    |    |                      | 223  |     |    |    |    |    |    |    |    |     |
| 85-89                                                        | 3  | 23 | 5  |    |    |    |    |    |    |                                 | 7  | 2   |    |    |    |    |    |    |    |                      | 262  |     |    |    |    |    |    |    |    |     |
| 80-84                                                        |    | 12 | 5  | 3  |    |    |    |    |    |                                 | 3  | 2   |    |    |    |    |    |    |    |                      | 219  |     |    |    |    |    |    |    |    |     |
| 75-79                                                        |    | 8  | 3  |    |    |    |    |    |    |                                 | 2  | 2   |    |    |    |    |    |    |    |                      | 117  |     |    |    |    |    |    |    |    |     |
| 70-74                                                        |    | 3  | 5  | 2  |    | 3  |    |    |    |                                 |    |     |    |    |    | 2  |    |    |    |                      | 74   |     |    |    |    |    |    |    |    |     |
| 65-69                                                        |    |    | 2  |    |    |    |    |    |    |                                 |    |     | 2  |    |    |    |    |    |    |                      | 28   |     |    |    |    |    |    |    |    |     |
| 60-64                                                        |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      | 23   |     |    |    |    |    |    |    |    |     |
| 55-59                                                        |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      | 12   |     |    |    |    |    |    |    |    |     |
| 50-54                                                        |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      | 5    |     |    |    |    |    |    |    |    |     |
| 45-49                                                        |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      | 2    |     |    |    |    |    |    |    |    |     |
| 40-44                                                        |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| 35-39                                                        |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| 30-34                                                        |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| <30                                                          |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |
| TOTAL                                                        | 12 | 54 | 23 | 5  |    | 3  |    |    |    |                                 | 2  | 25  | 5  | 2  |    | 2  |    |    |    |                      | 1000 |     |    |    |    |    |    |    |    |     |
| NUMBER                                                       | 7  | 33 | 14 | 3  | 0  | 2  | 0  | 0  | 0  | 0                               | 1  | 15  | 3  | 1  | 0  | 1  | 0  | 0  | 0  | 0                    |      |     |    |    |    |    |    |    |    |     |
|                                                              |    |    |    |    |    |    |    |    |    |                                 |    |     |    |    |    |    |    |    |    |                      |      |     |    |    |    |    |    |    |    |     |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101805

LITTLE CREEK GS

1964-1983

MONTH JUN  
 ---

| WIND SPEED 0-4 MPH |    |    |    |    |    |    |    |    |    |     | I | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |    |     |    | I  | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |     |   |  | I |
|--------------------|----|----|----|----|----|----|----|----|----|-----|---|--------------------|-----|-----|----|----|----|----|----|----|-----|----|----|----------------------|----|----|----|----|----|----|----|-----|---|--|---|
| RELATIVE HUMIDITY  |    |    |    |    |    |    |    |    |    |     | I | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |     |    | I  | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |     |   |  | I |
| TEMP.              | 1  | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I | 1                  | 11  | 21  | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I  | 1  | 11                   | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  | I |  |   |
| DEG F              | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10                 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I  | 10 | 20                   | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I |  |   |
| <100               |    |    |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I  |    |                      |    |    |    |    |    |    |    | I   |   |  |   |
| 95-99              |    |    |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I  |    |                      |    |    |    |    |    |    |    | I   |   |  |   |
| 90-94              |    |    |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I  |    |                      |    |    |    |    |    |    |    | I   |   |  |   |
| 85-89              |    |    | 2  |    | 2  |    |    |    |    |     | I |                    | 2   |     | 8  |    |    |    |    |    |     | I  |    | 2                    |    | 10 |    |    |    |    |    | I   |   |  |   |
| 80-84              |    |    | 14 |    | 10 |    | 4  |    |    |     | I |                    | 4   |     | 16 |    | 14 |    |    |    |     | I  |    | 4                    |    | 14 |    |    |    |    |    | I   |   |  |   |
| 75-79              |    |    | 14 |    | 18 |    | 6  |    |    |     | I |                    | 2   |     | 22 |    | 14 |    | 4  |    |     | I  |    | 2                    |    | 18 |    | 14 |    | 2  |    | I   |   |  |   |
| 70-74              |    |    | 10 |    | 29 |    | 16 |    |    |     | I |                    |     |     | 29 |    | 37 |    | 6  |    | 6   | I  |    |                      | 4  |    | 10 |    | 6  |    |    | I   |   |  |   |
| 65-69              |    |    | 4  |    | 14 |    | 20 |    | 10 |     | I |                    |     |     | 18 |    | 14 |    | 20 |    | 2   | I  |    |                      | 8  |    | 16 |    | 10 |    |    | I   |   |  |   |
| 60-64              |    |    |    |    | 6  |    | 14 |    | 8  |     | I |                    |     |     | 12 |    | 12 |    | 14 |    | 10  | I  |    |                      |    | 6  |    | 10 |    |    |    | I   |   |  |   |
| 55-59              |    |    |    |    | 6  |    | 12 |    | 6  |     | I |                    |     |     | 2  |    | 4  |    | 6  |    | 4   | I  |    |                      | 2  |    | 6  |    | 12 |    | 2  |     | I |  |   |
| 50-54              |    |    |    |    | 4  |    | 10 |    | 6  |     | I |                    |     |     | 4  |    | 8  |    | 4  |    | 6   | I  |    |                      | 4  |    | 4  |    | 8  |    |    | 2   | I |  |   |
| 45-49              |    |    |    |    |    |    | 4  |    | 4  |     | I |                    |     |     |    |    |    |    | 4  |    | 2   | I  |    |                      |    | 4  |    | 4  |    | 8  |    |     | I |  |   |
| 40-44              |    |    |    |    |    |    | 2  |    | 4  |     | I |                    |     |     |    |    | 2  |    |    |    | 4   | I  |    |                      |    | 2  |    | 2  |    | 2  |    |     | I |  |   |
| 35-39              |    |    |    |    |    |    |    |    | 2  |     | I |                    |     |     |    |    |    |    |    |    |     | I  |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| 30-34              |    |    |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I  |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| <30                |    |    |    |    |    |    |    |    |    |     | I |                    |     |     |    |    |    |    |    |    |     | I  |    |                      |    |    |    |    |    |    |    |     | I |  |   |
| TOTAL              | 2  | 45 | 80 | 72 | 53 | 33 | 14 | 18 | 12 | 4   | I | 8                  | 110 | 100 | 59 | 33 | 12 | 14 | 4  | 2  | I   | 16 | 63 | 74                   | 47 | 20 | 4  | 6  |    |    |    | I   |   |  |   |
| NUMBER             | 1  | 22 | 39 | 35 | 26 | 16 | 7  | 9  | 6  | 2   | I | 4                  | 54  | 49  | 29 | 16 | 6  | 7  | 2  | 1  | 0   | I  | 8  | 31                   | 36 | 23 | 10 | 2  | 3  | 0  | 0  | 0   | I |  |   |

| WIND SPEED 15-19 MPH |    |    |    |   |   |   |   |   |   | I | WIND SPEED GREATER/EQUAL 20 MPH |    |   |   |   |   |   |   |   |   | I | TOTAL | NUMBER |     |
|----------------------|----|----|----|---|---|---|---|---|---|---|---------------------------------|----|---|---|---|---|---|---|---|---|---|-------|--------|-----|
| -----                |    |    |    |   |   |   |   |   |   | I | -----                           |    |   |   |   |   |   |   |   |   | I | ----- |        |     |
| <100                 |    |    |    |   |   |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     |        | 0   |
| 95-99                | 4  |    |    |   |   |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     | 8      | 4   |
| 90-94                | 4  |    |    |   |   |   |   |   |   |   | I                               | 4  |   |   |   |   |   |   |   |   |   | I     | 37     | 18  |
| 85-89                | 6  | 2  |    |   |   |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     | 94     | 46  |
| 80-84                | 4  | 6  | 2  |   |   |   |   |   |   |   | I                               | 2  | 2 |   |   |   |   |   |   |   |   | I     | 135    | 66  |
| 75-79                |    | 8  | 2  |   |   |   |   |   |   |   | I                               | 2  | 4 |   |   |   |   |   |   |   |   | I     | 198    | 97  |
| 70-74                | 2  | 6  | 2  |   |   |   |   |   |   |   | I                               | 4  |   |   | 2 |   |   |   |   |   |   | I     | 164    | 80  |
| 65-69                |    | 4  | 6  |   |   |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     | 133    | 65  |
| 60-64                |    | 2  | 2  | 2 |   |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     | 96     | 47  |
| 55-59                |    |    |    | 2 | 2 |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     | 72     | 35  |
| 50-54                |    |    |    |   |   |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     | 43     | 21  |
| 45-49                |    |    |    |   |   |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     | 16     | 8   |
| 40-44                |    |    |    |   |   |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     | 4      | 2   |
| 35-39                |    |    |    |   |   |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     |        | 0   |
| 30-34                |    |    |    |   |   |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     |        | 0   |
| <30                  |    |    |    |   |   |   |   |   |   |   | I                               |    |   |   |   |   |   |   |   |   |   | I     |        | 0   |
| -----                |    |    |    |   |   |   |   |   |   | I | -----                           |    |   |   |   |   |   |   |   |   | I | ----- |        |     |
| TOTAL                | 20 | 27 | 14 | 4 | 2 |   |   |   |   |   | I                               | 12 | 6 | 2 | 4 |   |   |   |   |   |   | I     | 1000   |     |
| -----                |    |    |    |   |   |   |   |   |   | I | -----                           |    |   |   |   |   |   |   |   |   | I | ----- |        |     |
| NUMBER               | 0  | 10 | 13 | 7 | 2 | 1 | 0 | 0 | 0 | 0 | I                               | 0  | 6 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | I     |        | 489 |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101805

LITTLE CREEK GS

1964-1983

MONTH AUG

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |     |    |    |    |    |    |    |    |     | I | WIND SPEED 5-9 MPH |     |    |    |    |    |    |    |    |     | I | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |     | I |
|----------------|--------------------|-----|----|----|----|----|----|----|----|-----|---|--------------------|-----|----|----|----|----|----|----|----|-----|---|----------------------|----|----|----|----|----|----|----|----|-----|---|
|                | RELATIVE HUMIDITY  |     |    |    |    |    |    |    |    |     |   | RELATIVE HUMIDITY  |     |    |    |    |    |    |    |    |     |   | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |     |   |
|                | 10                 | 11  | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  |   | 10                 | 11  | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  |   | 10                   | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91  |   |
|                | 10                 | 20  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10                 | 20  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | I | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |   |
| <100           |                    |     |    |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     |   |
| 95-99          |                    |     | 2  |    |    |    |    |    |    |     | I | 5                  | 5   |    |    |    |    |    |    |    |     | I | 7                    | 2  |    |    |    |    |    |    |    |     |   |
| 90-94          | 3                  | 50  | 10 |    |    |    |    |    |    |     | I | 20                 | 35  | 5  |    |    |    |    |    |    |     | I | 17                   | 17 |    |    |    |    |    |    |    |     |   |
| 85-89          | 10                 | 35  | 10 | 2  | 3  |    |    |    |    |     | I | 7                  | 55  | 12 |    |    |    |    |    |    |     | I | 5                    | 23 |    |    |    |    |    |    |    |     |   |
| 80-84          |                    | 13  | 35 | 5  | 5  | 2  |    |    |    |     | I |                    | 38  | 15 | 2  |    |    |    |    |    |     | I | 2                    | 20 |    | 5  |    |    |    |    |    |     |   |
| 75-79          |                    | 5   | 23 | 18 | 7  | 2  |    |    |    |     | I | 2                  | 12  | 13 | 15 | 7  |    |    |    |    |     | I |                      | 5  | 12 |    |    |    |    |    |    |     |   |
| 70-74          |                    | 3   | 12 | 17 | 8  |    | 3  |    |    |     | I | 2                  | 3   | 10 | 8  | 7  | 5  |    | 2  |    |     | I |                      |    | 7  |    | 2  | 3  |    |    |    |     |   |
| 65-69          |                    |     | 5  | 2  | 8  | 8  |    | 2  | 2  |     | I |                    | 3   | 12 | 5  | 5  | 3  | 2  |    | 2  |     | I |                      |    | 2  |    | 2  | 2  |    |    |    |     |   |
| 60-64          |                    |     | 2  | 3  | 3  | 3  |    | 3  |    | 3   | I |                    |     | 3  | 2  | 8  | 2  | 2  | 2  |    |     | I |                      |    |    | 2  |    | 2  |    |    |    |     |   |
| 55-59          |                    |     |    |    |    | 5  | 3  | 3  | 5  | 5   | I |                    |     |    |    | 2  | 3  |    |    | 2  | 2   | I |                      |    |    |    |    | 2  |    |    |    |     |   |
| 50-54          |                    |     |    |    |    | 2  | 3  |    | 2  |     | I |                    |     |    |    |    | 2  | 2  |    |    |     | I |                      |    |    |    |    |    | 2  |    |    |     |   |
| 45-49          |                    |     |    |    |    |    |    | 2  |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     |   |
| 40-44          |                    |     |    |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     |   |
| 35-39          |                    |     |    |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     |   |
| 30-34          |                    |     |    |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     |   |
| <30            |                    |     |    |    |    |    |    |    |    |     | I |                    |     |    |    |    |    |    |    |    |     | I |                      |    |    |    |    |    |    |    |    |     |   |
| TOTAL          | 13                 | 107 | 96 | 46 | 35 | 21 | 10 | 10 | 8  | 8   | I | 35                 | 150 | 69 | 31 | 28 | 15 | 5  | 5  | 2  |     | I | 30                   | 66 | 23 | 10 | 5  | 2  | 2  | 2  |    |     |   |
| NUMBER         | 8                  | 65  | 58 | 28 | 21 | 13 | 6  | 6  | 5  | 5   | I | 21                 | 91  | 42 | 19 | 17 | 9  | 3  | 3  | 1  | 0   | I | 18                   | 40 | 14 | 6  | 3  | 1  | 1  | 1  | 0  | 0   |   |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |    | I | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |    | I | TOTAL NUMBER |     |
|----------------|----------------------|----|----|----|----|----|----|----|----|----|---|---------------------------------|----|----|----|----|----|----|----|----|----|---|--------------|-----|
|                | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |    |   | RELATIVE HUMIDITY               |    |    |    |    |    |    |    |    |    |   | TOTAL NUMBER |     |
|                | 10                   | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 |   | 10                              | 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 |   | TOTAL NUMBER |     |
| <100           |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I |              | 0   |
| 95-99          | 3                    |    |    |    |    |    |    |    |    |    | I | 5                               |    |    |    |    |    |    |    |    |    | I | 28           | 17  |
| 90-94          | 8                    | 10 |    |    |    |    |    |    |    |    | I | 7                               | 7  |    |    |    |    |    |    |    |    | I | 187          | 113 |
| 85-89          | 8                    | 8  | 3  |    |    |    |    |    |    |    | I | 10                              | 7  | 2  |    |    |    |    |    |    |    | I | 198          | 120 |
| 80-84          | 2                    | 18 | 7  |    | 2  |    |    |    |    |    | I | 3                               | 10 | 5  |    |    |    |    |    |    |    | I | 192          | 116 |
| 75-79          | 2                    | 8  | 3  | 3  |    |    |    |    |    |    | I |                                 |    | 5  |    |    |    |    |    |    |    | I | 140          | 85  |
| 70-74          |                      | 3  | 2  |    | 3  |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 99           | 60  |
| 65-69          |                      | 2  |    |    | 5  | 2  |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 68           | 41  |
| 60-64          |                      |    |    | 2  |    |    |    | 2  |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 43           | 26  |
| 55-59          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 31           | 19  |
| 50-54          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 12           | 7   |
| 45-49          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I | 2            | 1   |
| 40-44          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I |              | 0   |
| 35-39          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I |              | 0   |
| 30-34          |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I |              | 0   |
| <30            |                      |    |    |    |    |    |    |    |    |    | I |                                 |    |    |    |    |    |    |    |    |    | I |              | 0   |
| TOTAL          | 23                   | 50 | 15 | 10 | 7  |    |    | 2  |    |    | I | 25                              | 23 | 12 |    |    |    |    |    |    |    | I | 1000         |     |
| NUMBER         | 14                   | 30 | 9  | 6  | 4  | 0  | 0  | 1  | 0  | 0  | I | 15                              | 14 | 7  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | I |              | 605 |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WINDSPEED  
-GIVEN TO TENTHS PERCENT, DECIMAL PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
POINT OMITTED

STATION NUMBER 101805

LITTLE CREEK GS

1964-1983

MONTH SEP

| WIND SPEED 0-4 MPH |    |     |     |     |    |    |    |    |    |    | WIND SPEED 5-9 MPH |    |    |    |    |    |    |    |    |    |    | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|--------------------|----|-----|-----|-----|----|----|----|----|----|----|--------------------|----|----|----|----|----|----|----|----|----|----|----------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RELATIVE HUMIDITY  |    |     |     |     |    |    |    |    |    |    | RELATIVE HUMIDITY  |    |    |    |    |    |    |    |    |    |    | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| TEMP.<br>DEG F     | 10 | 11  | 12  | 13  | 14 | 15 | 16 | 17 | 18 | 19 | 10                 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 10 | 11                   | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| <100               |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 95-99              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 90-94              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 85-89              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 80-84              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 75-79              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 70-74              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 65-69              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 60-64              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 55-59              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 50-54              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 45-49              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 40-44              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 35-39              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 30-34              |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <30                |    |     |     |     |    |    |    |    |    |    |                    |    |    |    |    |    |    |    |    |    |    |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| TOTAL              | 2  | 125 | 172 | 111 | 41 | 25 | 29 | 27 | 6  | 8  | 6                  | 76 | 84 | 31 | 31 | 10 | 16 | 4  | 6  |    | 4  | 53                   | 47 | 20 | 6  | 8  | 8  | 4  | 2  | 2  |    |    |    |    |    |    |    |    |    |    |
| NUMBER             | 1  | 61  | 84  | 54  | 20 | 12 | 14 | 13 | 3  | 4  | 3                  | 37 | 41 | 15 | 15 | 5  | 8  | 2  | 3  | 0  | 2  | 26                   | 23 | 10 | 3  | 4  | 4  | 2  | 1  | 1  |    |    |    |    |    |    |    |    |    |    |

| WIND SPEED 15-19 MPH |   |    |   |   |   |   |   |   |   |   | WIND SPEED GREATER/EQUAL 20 MPH |   |   |   |   |   |   |   |   |   |  | TOTAL |  | NUMBER |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------|---|----|---|---|---|---|---|---|---|---|---------------------------------|---|---|---|---|---|---|---|---|---|--|-------|--|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <100                 |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95-99                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90-94                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85-89                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80-84                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75-79                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70-74                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65-69                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60-64                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55-59                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50-54                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40-44                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35-39                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30-34                |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <30                  |   |    |   |   |   |   |   |   |   |   |                                 |   |   |   |   |   |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL                | 2 | 12 | 8 | 4 |   |   |   |   | 2 |   |                                 | 4 |   |   |   | 2 |   |   |   |   |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NUMBER               | 1 | 6  | 4 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0                               | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |  |       |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WINDSPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101209

MC CALL SO

1964-1983

MONTH JUN

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |                |                |                |                |                |                |                |                |                 | I | WIND SPEED 5-9 MPH |                |                |                |                |                |                |                |                |                 | I | WIND SPEED 10-14 MPH |                |                |                |                |                |                |                |                |                 | I |
|----------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---|
|                | RELATIVE HUMIDITY  |                |                |                |                |                |                |                |                |                 |   | RELATIVE HUMIDITY  |                |                |                |                |                |                |                |                |                 |   | RELATIVE HUMIDITY    |                |                |                |                |                |                |                |                |                 |   |
|                | 1<br>TO<br>10      | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |   | 1<br>TO<br>10      | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |   | 1<br>TO<br>10        | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |   |
| <100           |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 95-99          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 90-94          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 85-89          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 80-84          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 75-79          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 70-74          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 65-69          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 60-64          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 55-59          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 50-54          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 45-49          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 40-44          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 35-39          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| 30-34          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| <30            |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 | I |                      |                |                |                |                |                |                |                |                |                 | I |
| TOTAL          | 4                  | 21             | 87             | 104            | 43             | 47             | 32             | 17             | 28             | 23              | I | 2                  | 15             | 121            | 109            | 77             | 58             | 15             | 32             | 13             | 19              | I | 6                    | 26             | 26             | 34             | 15             | 6              |                | 2              | 2              | I               |   |
| NUMBER         | 2                  | 11             | 46             | 55             | 23             | 25             | 17             | 9              | 15             | 12              | I | 1                  | 8              | 64             | 58             | 41             | 31             | 8              | 17             | 7              | 10              | I | 0                    | 3              | 14             | 14             | 18             | 8              | 3              | 0              | 1              | 1               | I |

| TEMP.  | WIND SPEED 15-19 MPH |                |                |                |                |                |                |                |                |                 | I | WIND SPEED GREATER/EQUAL 20 MPH |                |                |                |                |                |                |                |                |                 | I | TOTAL         |                | NUMBER |                |                |                |                |                |                |                |                 |
|--------|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---|---------------|----------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
|        | RELATIVE HUMIDITY    |                |                |                |                |                |                |                |                |                 |   | RELATIVE HUMIDITY               |                |                |                |                |                |                |                |                |                 |   |               |                |        |                |                |                |                |                |                |                |                 |
|        | 1<br>TO<br>10        | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |   | 1<br>TO<br>10                   | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |   | 1<br>TO<br>10 | 11<br>TO<br>20 |        | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |
| <100   |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 95-99  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 90-94  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 85-89  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 80-84  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 75-79  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 70-74  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 65-69  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 60-64  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 55-59  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 50-54  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 45-49  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 40-44  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 35-39  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| 30-34  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| <30    |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| TOTAL  |                      |                |                |                |                |                |                |                |                |                 | I |                                 |                |                |                |                |                |                |                |                |                 | I |               |                |        |                |                |                |                |                |                |                | I               |
| NUMBER | 0                    | 0              | 3              | 2              | 2              | 1              | 0              | 0              | 0              | 0               | I | 0                               | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0               | I |               |                |        |                |                |                |                |                |                | I              |                 |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101209

MC CALL SO

1964-1983

MONTH JUL

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |                |                |                |                |                |                |                |                |                 | I | WIND SPEED 5-9 MPH |                |                |                |                |                |                |                |                |                 | I  | WIND SPEED 10-14 MPH |                |                |                |                |                |                |                |                |                 | I |
|----------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---|
|                | RELATIVE HUMIDITY  |                |                |                |                |                |                |                |                |                 |   | RELATIVE HUMIDITY  |                |                |                |                |                |                |                |                |                 |    | RELATIVE HUMIDITY    |                |                |                |                |                |                |                |                |                 |   |
|                | 1<br>TO<br>10      | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |   | 1<br>TO<br>10      | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |    | 1<br>TO<br>10        | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |   |
| <100           |                    |                |                |                |                |                |                |                |                |                 |   |                    |                |                |                |                |                |                |                |                |                 |    |                      |                |                |                |                |                |                |                |                |                 |   |
| 95-99          |                    |                |                |                |                |                |                |                |                |                 |   |                    |                |                |                |                |                |                |                |                |                 |    |                      |                |                |                |                |                |                |                |                |                 |   |
| 90-94          |                    |                | 3              | 3              |                |                |                |                |                |                 |   |                    | 3              |                |                |                |                |                |                |                |                 |    |                      |                |                |                |                |                |                |                |                |                 |   |
| 85-89          | 2                  | 30             | 32             | 8              |                |                |                |                |                |                 |   | 2                  | 30             | 17             | 8              | 2              |                |                |                |                |                 |    | 8                    | 3              |                |                |                |                |                |                |                |                 |   |
| 80-84          | 2                  | 20             | 62             | 20             | 2              |                |                |                |                |                 |   | 3                  | 20             | 54             | 24             | 5              |                |                |                |                |                 |    | 10                   | 22             | 3              |                |                |                |                |                |                |                 |   |
| 75-79          |                    | 3              | 37             | 35             | 22             | 5              |                |                |                |                 |   |                    | 13             | 30             | 50             | 13             |                |                |                |                |                 |    | 2                    | 13             | 15             | 3              |                |                |                |                |                |                 |   |
| 70-74          | 2                  | 3              | 25             | 18             | 13             | 8              | 3              |                |                |                 |   |                    | 3              | 17             | 25             | 17             | 7              | 2              |                |                |                 |    |                      | 5              | 12             | 7              | 3              |                |                |                |                |                 |   |
| 65-69          |                    |                | 7              | 12             | 5              | 5              |                | 3              |                |                 |   |                    |                | 3              | 5              | 12             | 5              | 2              |                |                |                 |    |                      | 2              | 10             | 2              |                | 3              |                |                |                |                 |   |
| 60-64          |                    |                | 5              |                | 2              |                | 2              | 2              | 2              | 2               |   |                    |                |                | 5              | 10             | 2              | 5              |                |                |                 |    |                      |                |                |                |                | 3              |                |                |                |                 |   |
| 55-59          |                    |                |                |                | 2              | 2              |                | 3              |                | 3               | I |                    |                | 3              | 2              | 5              | 2              |                |                |                |                 |    |                      | 2              |                |                |                |                | 2              |                |                |                 |   |
| 50-54          |                    |                |                |                |                |                |                |                | 5              |                 | I |                    |                |                |                |                |                |                |                |                |                 |    |                      |                |                |                |                |                |                |                |                |                 |   |
| 45-49          |                    |                |                |                |                |                |                |                | 2              |                 | I |                    |                |                |                |                |                |                |                |                |                 |    |                      |                |                |                |                |                |                |                |                |                 |   |
| 40-44          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 |    |                      |                |                |                | 2              |                |                |                |                |                 |   |
| 35-39          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 |    |                      |                |                |                |                |                |                |                |                |                 |   |
| 30-34          |                    |                |                |                |                |                |                |                |                |                 | I |                    |                |                |                |                |                |                |                |                |                 |    |                      |                |                |                |                |                |                |                |                |                 |   |
| <30            |                    |                |                |                |                |                |                |                |                | 13              | I |                    |                |                |                |                |                |                |                |                |                 |    |                      |                |                |                |                |                |                |                |                |                 |   |
| TOTAL          | 5                  | 61             | 171            | 94             | 45             | 24             | 5              | 8              | 10             | 17              | I | 5                  | 71             | 121            | 121            | 61             | 18             | 10             |                |                |                 | 20 | 45                   | 42             | 15             | 8              | 2              |                |                |                |                |                 |   |
| NUMBER         | 3                  | 36             | 102            | 56             | 27             | 14             | 3              | 5              | 6              | 10              | I | 3                  | 42             | 72             | 72             | 36             | 11             | 6              | 0              | 2              | 1               | I  | 0                    | 12             | 27             | 25             | 9              | 5              | 1              | 0              | 0              |                 |   |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |                |                |                |                |                |                |                |                |                 | I | WIND SPEED GREATER/EQUAL 20 MPH |                |                |                |                |                |                |                |                |                 | I | TOTAL |  | NUMBER |  |  |  |  |  |
|----------------|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---|-------|--|--------|--|--|--|--|--|
|                |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
|                | 1<br>TO<br>10        | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |   | 1<br>TO<br>10                   | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |   |       |  |        |  |  |  |  |  |
| <100           |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 95-99          |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 90-94          |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 85-89          |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 80-84          |                      |                | 2              |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 75-79          |                      | 3              | 2              |                |                |                |                |                |                |                 |   |                                 | 2              |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 70-74          |                      |                |                |                |                | 2              |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 65-69          |                      |                |                | 2              | 2              |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 60-64          |                      |                |                |                | 2              |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 55-59          |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 50-54          |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 45-49          |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 40-44          |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 35-39          |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| 30-34          |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| <30            |                      |                |                |                |                |                |                |                |                |                 |   |                                 |                |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| TOTAL          |                      | 3              | 5              | 3              | 2              |                |                |                |                |                 |   |                                 | 2              |                |                |                |                |                |                |                |                 |   |       |  |        |  |  |  |  |  |
| NUMBER         | 0                    | 2              | 3              | 2              | 1              | 0              | 0              | 0              | 0              | 0               |   | 0                               | 0              | 1              | 0              | 0              | 0              | 0              | 0              | 0              | 0               |   |       |  |        |  |  |  |  |  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
 PERCENTAGE FREQUENCY OF OCCURRENCE FOR SELECTED COMBINATIONS  
 -GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101209

MC CALL SO

1964-1983

MONTH AUG

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |    |     |    |    |    |    |    |    |     | WIND SPEED 5-9 MPH |     |     |    |    |    |    |    |    |     | WIND SPEED 10-14 MPH |    |    |    |    |    |    |    |    |     |
|----------------|--------------------|----|-----|----|----|----|----|----|----|-----|--------------------|-----|-----|----|----|----|----|----|----|-----|----------------------|----|----|----|----|----|----|----|----|-----|
|                | RELATIVE HUMIDITY  |    |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY  |     |     |    |    |    |    |    |    |     | RELATIVE HUMIDITY    |    |    |    |    |    |    |    |    |     |
|                | 10                 | 20 | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                 | 20  | 30  | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| <100           |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 95-99          |                    | 2  |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 90-94          |                    | 9  |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 85-89          | 3                  | 36 | 15  | 2  |    |    |    |    |    |     |                    | 10  | 2   |    |    |    |    |    |    |     |                      | 3  |    |    |    |    |    |    |    |     |
| 80-84          | 2                  | 27 | 34  | 27 |    |    |    |    |    |     |                    | 3   | 48  | 22 | 2  |    |    |    |    |     |                      | 9  | 2  |    |    |    |    |    |    |     |
| 75-79          |                    | 20 | 39  | 34 | 10 | 3  | 2  |    |    |     |                    | 2   | 36  | 48 | 20 |    |    |    |    |     |                      | 12 | 7  | 2  | 2  |    |    |    |    |     |
| 70-74          |                    | 5  | 15  | 19 | 15 | 5  |    |    |    |     |                    | 5   | 31  | 14 | 3  |    |    |    |    |     |                      | 12 | 20 | 3  |    |    |    |    |    |     |
| 65-69          |                    |    | 3   | 3  | 3  | 17 | 2  |    |    |     |                    | 7   | 12  | 14 | 7  | 9  | 2  |    |    |     |                      | 3  | 17 | 7  |    |    |    |    |    |     |
| 60-64          |                    |    |     | 3  | 3  | 7  | 10 | 2  | 3  | 2   |                    | 12  | 12  | 10 | 7  |    |    |    |    |     |                      | 2  | 2  | 5  |    | 3  | 3  |    | 2  |     |
| 55-59          |                    |    |     | 2  | 2  | 2  | 3  | 5  | 3  | 1   |                    | 3   | 14  | 9  | 5  | 3  | 2  | 2  | 2  |     |                      |    |    |    |    | 3  | 3  |    |    |     |
| 50-54          |                    |    |     |    |    | 2  | 3  | 7  | 3  | 1   |                    | 2   | 7   | 3  | 3  | 5  |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 45-49          |                    | 2  |     |    |    |    |    |    |    |     |                    |     |     | 2  | 3  | 2  | 3  | 2  | 5  |     |                      |    |    |    |    | 2  |    |    |    |     |
| 40-44          |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 35-39          |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| 30-34          |                    |    |     |    |    |    |    |    |    |     |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| <30            |                    |    |     |    |    |    |    |    |    | 9   |                    |     |     |    |    |    |    |    |    |     |                      |    |    |    |    |    |    |    |    |     |
| TOTAL          | 5                  | 99 | 111 | 87 | 34 | 36 | 17 | 10 | 15 | 19  | 5                  | 106 | 131 | 82 | 34 | 27 | 9  | 9  | 9  | 9   | 41                   | 48 | 17 | 9  | 9  | 5  |    | 2  |    |     |
| NUMBER         | 3                  | 58 | 65  | 51 | 20 | 21 | 10 | 6  | 9  | 11  | 3                  | 62  | 77  | 48 | 20 | 16 | 5  | 5  | 5  | 5   | 0                    | 24 | 28 | 10 | 5  | 5  | 3  | 0  | 1  | 0   |

| TEMP.<br>DEG F | WIND SPEED 15-19 MPH |    |    |    |    |    |    |    |    |     | WIND SPEED GREATER/EQUAL 20 MPH |    |    |    |    |    |    |    |    |     | TOTAL NUMBER |      |
|----------------|----------------------|----|----|----|----|----|----|----|----|-----|---------------------------------|----|----|----|----|----|----|----|----|-----|--------------|------|
|                |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              |      |
|                | 10                   | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 10                              | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |              |      |
| <100           |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0    |
| 95-99          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 2            | 1    |
| 90-94          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 26           | 15   |
| 85-89          |                      | 2  |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 143          | 84   |
| 80-84          |                      | 2  |    |    |    |    |    |    |    |     |                                 | 2  |    |    |    |    |    |    |    |     | 221          | 130  |
| 75-79          |                      | 2  |    | 3  | 2  |    |    |    |    |     |                                 | 2  |    |    |    |    |    |    |    |     | 206          | 121  |
| 70-74          |                      |    | 2  | 2  |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 140          | 82   |
| 65-69          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 89           | 52   |
| 60-64          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 73           | 43   |
| 55-59          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 41           | 24   |
| 50-54          |                      |    |    |    |    |    |    |    |    | 2   |                                 |    |    |    |    |    |    |    |    |     | 41           | 24   |
| 45-49          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 10           | 6    |
| 40-44          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0    |
| 35-39          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0    |
| 30-34          |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     |              | 0    |
| <30            |                      |    |    |    |    |    |    |    |    |     |                                 |    |    |    |    |    |    |    |    |     | 9            | 5    |
| TOTAL          |                      | 5  | 5  | 3  |    |    |    |    |    | 2   |                                 | 3  |    |    |    |    |    |    |    |     |              | 1000 |
| NUMBER         | 0                    | 3  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 1   | 0                               | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   |              | 587  |

(con.)

Table 28 (Con.)

TEMPERATURE - RELATIVE HUMIDITY - WIND SPEED  
-GIVEN TO TENTHS PERCENT, DECIMAL POINT OMITTED

STATION NUMBER 101209

MC CALL SO

**1964-1983**

MONTH SEP

— — —

| TEMP.<br>DEG F | WIND SPEED 0-4 MPH |                |                |                |                |                |                |                |                |                 | WIND SPEED 5-9 MPH |                |                |                |                |                |                |                |                |                 | WIND SPEED 10-14 MPH |                |                |                |                |                |                |                |                |                 |
|----------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
|                | RELATIVE HUMIDITY  |                |                |                |                |                |                |                |                |                 | RELATIVE HUMIDITY  |                |                |                |                |                |                |                |                |                 | RELATIVE HUMIDITY    |                |                |                |                |                |                |                |                |                 |
|                | 1<br>TO<br>10      | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 | 1<br>TO<br>10      | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 | 1<br>TO<br>10        | 11<br>TO<br>20 | 21<br>TO<br>30 | 31<br>TO<br>40 | 41<br>TO<br>50 | 51<br>TO<br>60 | 61<br>TO<br>70 | 71<br>TO<br>80 | 81<br>TO<br>90 | 91<br>TO<br>100 |
| <100           |                    |                |                |                |                |                |                |                |                |                 |                    |                |                |                |                |                |                |                |                |                 |                      |                |                |                |                |                |                |                |                |                 |
| 95-99          |                    |                |                |                |                |                |                |                |                |                 |                    |                |                |                |                |                |                |                |                |                 |                      |                |                |                |                |                |                |                |                |                 |
| 90-94          |                    |                |                |                |                |                |                |                |                |                 |                    |                |                |                |                |                |                |                |                |                 |                      |                |                |                |                |                |                |                |                |                 |
| 85-89          |                    |                |                |                |                |                |                |                |                |                 |                    |                |                |                |                |                |                |                |                |                 |                      |                |                |                |                |                |                |                |                |                 |
| 80-84          | 2                  | 6              |                |                |                |                |                |                |                |                 | 2                  | 18             | 2              | 2              |                |                |                |                |                |                 | 2                    |                |                |                |                |                |                |                |                |                 |
| 75-79          | 22                 | 34             | 24             | 4              |                |                |                |                |                |                 | 12                 | 30             | 14             | 6              | 2              |                |                |                |                |                 | 2                    |                |                |                |                |                |                |                |                |                 |
| 70-74          | 10                 | 32             | 14             | 4              |                |                |                |                |                |                 | 10                 | 34             | 36             | 8              | 2              |                |                |                |                |                 |                      |                | 18             | 6              | 2              |                |                |                |                |                 |
| 65-69          |                    | 4              | 28             | 24             | 4              | 2              |                |                |                |                 |                    | 22             | 16             | 14             | 2              |                |                |                |                |                 |                      |                | 2              | 6              | 2              |                |                |                |                |                 |
| 60-64          |                    | 4              | 16             | 10             | 16             | 16             | 6              | 8              |                |                 | 6                  | 10             | 24             | 24             | 4              |                |                | 2              |                |                 |                      |                | 6              | 4              |                |                | 2              |                |                |                 |
| 55-59          |                    |                | 6              | 10             | 2              | 4              | 4              | 4              | 6              | 1               |                    | 4              | 10             | 8              | 8              | 10             | 6              |                |                |                 |                      |                |                | 4              | 8              | 2              |                |                | 2              | 2               |
| 50-54          |                    |                | 6              | 6              | 8              |                | 10             | 4              | 1              |                 |                    | 2              | 6              | 4              |                |                |                |                |                |                 | 2                    |                |                | 4              | 2              |                |                |                | 2              | 2               |
| 45-49          |                    |                |                | 4              | 4              |                |                | 6              | 2              | 10              |                    |                | 4              | 4              | 6              | 4              | 6              |                |                |                 |                      | 2              |                |                |                |                | 4              | 2              | 2              |                 |
| 40-44          |                    |                |                |                |                |                |                |                |                |                 |                    |                | 2              | 4              | 2              | 2              | 4              |                |                |                 |                      |                |                |                |                |                |                |                |                |                 |
| 35-39          |                    |                |                |                | 2              | 4              |                |                | 4              | 6               |                    |                |                |                | 2              |                |                |                |                |                 |                      |                |                |                |                |                |                |                |                |                 |
| 30-34          |                    |                |                |                |                |                |                |                |                |                 |                    |                |                |                | 2              |                |                |                |                |                 |                      |                |                |                |                |                |                |                |                |                 |
| <30            |                    |                |                |                |                |                |                |                |                |                 |                    |                |                |                |                |                |                |                |                |                 |                      |                |                |                |                |                |                |                |                |                 |
| TOTAL          | 2                  | 58             | 130            | 96             | 48             | 36             | 22             | 22             | 22             | 26              | 44                 | 120            | 110            | 72             | 30             | 18             | 16             | 6              | 12             | 8               | 34                   | 26             | 14             | 8              | 4              | 2              | 6              | 2              |                |                 |
| NUMBER         | 1                  | 29             | 65             | 48             | 24             | 18             | 11             | 11             | 11             | 13              | 0                  | 22             | 60             | 55             | 36             | 15             | 9              | 8              | 3              | 6               | 0                    | 4              | 17             | 13             | 7              | 4              | 2              | 1              | 3              | 1               |



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Finklin, Arnold I. 1988. Climate of the Frank Church-River of No Return Wilderness, central Idaho. Gen. Tech. Rep. INT-240. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station. 221 p.

Describes the climate of the largest designated wilderness in the conterminous United States. Contains numerous maps, graphs, and tables. Shows annual patterns and 10-day details during the fire season. Includes both average values and frequency distributions. Examines relationship of climatic averages to topography, persistence of weather, and climatic trends.

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**KEYWORDS:** climate, mountain climatology, fire-weather, fire management

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## INTERMOUNTAIN RESEARCH STATION

The Intermountain Research Station provides scientific knowledge and technology to improve management, protection, and use of the forests and rangelands of the Intermountain West. Research is designed to meet the needs of National Forest managers, Federal and State agencies, industry, academic institutions, public and private organizations, and individuals. Results of research are made available through publications, symposia, workshops, training sessions, and personal contacts.

The Intermountain Research Station territory includes Montana, Idaho, Utah, Nevada, and western Wyoming. Eighty-five percent of the lands in the Station area, about 231 million acres, are classified as forest or rangeland. They include grasslands, deserts, shrublands, alpine areas, and forests. They provide fiber for forest industries, minerals and fossil fuels for energy and industrial development, water for domestic and industrial consumption, forage for livestock and wildlife, and recreation opportunities for millions of visitors.

Several Station units conduct research in additional western States, or have missions that are national or international in scope.

Station laboratories are located in:

Boise, Idaho

Bozeman, Montana (in cooperation with Montana State University)

Logan, Utah (in cooperation with Utah State University)

Missoula, Montana (in cooperation with the University of Montana)

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