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1998 Data Bank for Kiln-Dried Red Oak Lumber

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Abstract

This publication is a collection of 3,487 fully described, kiln-dried red oak boards totaling 20,021 board feet. The boards, which are straight or contain no more than 1/4 inch of crook, are FAS, FAS ONE FACE (F1F), Selects, No. 1 Common, No. 2A Common, or No. 3A Common. The boards were graded with the UGRS (Ultimate Grading and Remanufacturing System) computer program. After the grade was determined, the maximum grading surface in the maximum number of grading cuttings was determined to allow studies of quality within lumber grades. Written for researchers and industry decisionmakers who may have only a limited knowledge of the NHLA grades, the data bank contains a limited description of factors affecting the grades. The computer program MAKEFILE is included to allow the user to create data files of smaller samples from the full data bank.

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Introduction

In 1994, the National Hardwood Lumber Association (NHLA) made several revisions to its grading rules which are found in the 1998 rule book (NHLA 1998). Firsts and Seconds were combined into the single grade of FAS. FAS ONE FACE (F1F) was made a standard grade. Oversize sound knots can occur in the first foot of FAS boards. The option to grade Selects using cuttings with sound backs was eliminated. FAS wane rules were changed by dropping the limitation that called for wane not to exceed 1/12 of the surface measure. The Standard Kiln Dried Rule now calls for kiln-dried boards to be graded as they are found. The boards may be thinner and narrower to account for shrinkage. In light of these and other changes, it was decided to expand the “1992 Data Bank for Red Oak Lumber” (Gatchell et al. 1992b) and grade all of these kiln-dried boards according to the new rules.

This data bank contains the 4/4 boards from two earlier red oak data banks (Gatchell et al. 1992b; Wiedenbeck et al. 1994). To these were added more than 1,400 new boards. The result is a basic data bank containing 3,487 boards that total 20,021 board feet. The grades covered in this data bank are FAS, F1F, Selects, No. 1 Common, No. 2A Common, and No. 3A Common. Because of the negative effects of crook or side bend on gang-rip-first yields (Gatchell 1990, 1991), these boards have no more than 1/4 inch of crook or side bend.

Because these are kiln-dried boards, the narrowest width for FAS and F1F boards is 5.75 inches and for Selects is 3.75 inches. Ten percent of all boards in a shipment can be an additional 1/4-inch scant or narrower in width. We leave it to the reader to use the UGRS computer program (Moody et al.)¹ to determine the grade of these boards (5.5 inches for FAS or F1F and 3.5 inches for Selects). While kiln dried Nos. 1, 2A, and 3A Common boards can be as narrow as 2.75 inches (2.5 inches scant measure), the narrowest width for these grades in this data bank is 3.5 inches. We did not find sufficient numbers of boards narrower than 3.5 inches in the Common grades to include these widths.

We have attempted to grade each board as precisely as possible. We recognize that such precision may be questioned. Sections 4 and 5 of Article X of the NHLA Sales Code (NHLA 1998) do not call for each board in a shipment to be graded precisely . Shipments of lumber are to be accepted if at least 80 percent of the actual shipment is within the specifications of the order and the resulting money value of the shipment is at least 96 percent of the gross amount of the invoice (no more than “...4 percent deductible difference.”). So there is a margin for error for individual boards in the market place. We leave it to the user to use the information we provide to construct data subsets of the desired overall quality.

Important Lumber Grading Factors

Let us review some of the more important aspects of grading lumber. For FAS, No. 1 Common, No. 2A Common, and No. 3A Common, the backs of the grading cuttings are required to be sound and the lumber is graded from the poorer face. No. 3A Common also can be graded from the better face. In that case, the better face must be No. 2A Common and the backs of the grading cuttings must be sound. FAS ONE FACE (F1F) and Selects require the better face to be FAS and the reverse side to be 1 Common. For F1F and Selects, the faces are graded independently and there is no requirement that the reverse side of the grading cuttings be sound.

NHLA rules assume that the full usable product of the log is available. One result is that no attempt is made by humans to determine how well a board fits into a grade—only that it does. The grading rules do not define continuous gradations of quality. Each grade has its own specific rules. In general, as grade decreases, the amount of surface measure required in the grading cuttings and the size of the grading cuttings decrease while the number of grading cuttings increases.

¹Moody, J.; Gatchell, C.J.; Klinkhachorn, P. UGRS: the Ultimate Grading and Remanufacturing System. Submitted to Forest Products Journal.

Surface measure is a key to grading 4/4 hardwood lumber. Whether or not a board qualifies for a grade depends on the amount of the board's surface measure that can be found in the allowed number of grading cuttings. At least $33\frac{1}{3}$ percent of the surface measure is required for No. 3A Common, 50 percent for No. 2A Common, $66\frac{2}{3}$ percent for No. 1 Common, and $83\frac{1}{3}$ percent for FAS. Cutting units are used to determine whether these minimum percentages are reached. A cutting unit is 12 square inches. There are 12 cutting units in each board foot of surface measure. The required minimum amounts of cutting units are surface measure times 4 for No. 3A Common, surface measure times 6 for No. 2A Common, surface measure times 8 for No. 1 Common, and surface measure times 10 for FAS. The actual number of cutting units in a board is determined by multiplying the standard length in feet times the width in inches (to the nearest fraction of an inch). A board that is 10 feet long and 6 inches wide contains 60 cutting units or 5 feet of surface measure. To be No. 2A Common, it has to have at least 30 cutting units in the allowable number of grading cuttings; that is, 50 percent of 60 cutting units or 5 feet of surface measure times 6.

It is not unusual to find No. 1 Common boards with percentages of surface measure above $83\frac{1}{3}$ percent and No. 2A Common boards with percentages above $66\frac{2}{3}$ (Gatchell and Thomas 1997). That they are not in the higher grades is the result of specific rule violations. For example, No. 1 Common can contain boards that otherwise would be of higher grade except for an oversize defect, too much wane, long end splits, or first foot violations. No. 2A Common will contain all boards with too much pith for No. 1 Common. Both grades may result from grading cuttings that are too short, too narrow, or too many for the next higher grade. When an extra cutting is used for No. 1 Common, the percentage of surface measure in the grading cuttings must be at least 75 percent. When an extra cutting is used for No. 2A Common, the percentage of surface measure in the grading cuttings must be at least $66\frac{2}{3}$ percent.

A board's surface measure is determined by multiplying its full width in inches and fractions by its standard length, dividing the product by 12, and rounding to the nearest whole foot. Boards that are halfway between 2 whole feet of surface measure are alternately rounded up or down. Hardwood lumber comes in random widths and lengths, but only whole feet of lengths from 4 through 16 feet (standard lengths) are considered. Any overlength is rounded to the nearest whole foot for purposes of calculations. However, grading cuttings can extend into overlength areas.

The maximum number of grading cuttings that can be used to determine the grade is based on surface measure for grades above No. 3A Common. Examples are the surface measure divided by a factor of 4 for FAS (maximum of four cuttings), the surface measure plus 1 divided by 3 for No. 1 Common (maximum of five cuttings), and the surface measure divided by 2 for No. 2A Common (maximum of seven cuttings). Fractions are dropped.

For FAS (and the FAS face of FIF and Selects), No. 1 Common, and No. 2A Common boards, an extra grading cutting can be used under certain circumstances. The surface measure must fall within specific ranges (6-15 feet SM for FAS, 3-10 feet SM for No. 1 Common, and 2-7 feet SM for No. 2A Common). If an extra cutting is used, then a higher minimum overall quality must be found. The yield in the grading cuttings must be at least $91\frac{2}{3}$ percent for FAS, 75 percent for No. 1 Common, and $66\frac{2}{3}$ percent for No. 2A Common.

Boards with 18, 30, 42, 54, 66, 78, 90, 102, 114, 126, 138, 150, 162, 174, or 186 cutting units are halfway between 2 consecutive feet of surface measure. These boards must be rounded up or down to a whole foot of surface measure before grading can continue. Human graders use their judgment regarding the grading cuttings available and round to achieve the highest grade. To a human, the aspect of the board in conjunction with the apparent grading cutting units available dictates the rounding.

Usually it pays to round down to the smaller standard foot because the requirements with respect to cutting units are less while the areas from which the yield is obtained remain the same. What are some of the circumstances in which it does not pay to round down? Consider No. 1 and No. 2A Common as summarized in Table 1. If a board has 18 cutting units (halfway between the 12 cutting units of 1 foot and the 24 cutting units of 2 feet of surface measure) and the grader rounds this down to 1 foot, the No. 1 Common board must be clear and the No. 2A Common board must have $66\frac{2}{3}$ percent in one clear-face cutting. If rounded up to 2 feet of surface measure, then the requirements are reduced.

Table 1.—Summary^a of No. 1 and No. 2A grading cutting requirements

No. 1 Common			No. 2A Common		
Board widths: 3 inches and wider Board lengths: 4 to 16 feet			Board widths: 3 inches and wider Board lengths: 4 to 16 feet		
Surface measure (ft)	% of surface measure in clear-face cuttings	Number of cuttings	Surface measure (ft)	% of surface measure in clear-face cuttings	Number of cuttings
1	Clear		1	66-2/3	1
2	75	1	2 and 3	50	1
3 and 4	66-2/3	1	4 and 5	50	2
5 to 7	66-2/3	2	6 and 7	50	3
8 to 10	66-2/3	3	8 and 9	50	4
11 to 13	66-2/3	4	10 and 11	50	5
14 and up	66-2/3	5	12 and 13	50	6
			14 and up	50	7
3 to 10 feet surface measure will admit one additional cutting to yield 75% clear face			2 to 7 feet surface measure will admit one additional cutting to yield 66-2/3 percent clear face		

^aFrom "Rules for the Measurement & Inspection of Hardwood & Cypress," 1990, National Hardwood Lumber Association, Memphis, TN.

The margins of the extra cutting rule also present opportunities. For No. 1 Common, if a board has 30 cutting units (halfway between the 24 cutting units of 2 feet and the 36 cutting units of 3 feet of surface measure), it must contain 75 percent yield in 1 cutting if rounded down. If the surface measure is rounded up to 3 feet, then 75 percent in 2 cuttings is allowed. In other words, round up and use an extra cutting for the same required amount of surface area. Another option is to round up, ignore the extra cutting rule, and need only 66-2/3 percent in one grading cutting.

On the other end of the extra cutting rule for No. 1 Common is a board with 10-foot surface measure. If the board has 126 cutting units and is rounded down, you must find 75 percent yield in four cuttings when the extra cutting is used. If you round up to 11 feet SM, you also can use four cuttings but you need to find only 66-2/3 percent yield in the grading cuttings. A similar argument can be made for the upper limit of the extra cutting rule for No. 2A Common at 7 or 8 feet of surface measure. There is another reason for rounding up. Where there are specified sizes or amounts of unsound defects allowed that are related to surface measure, rounding up to larger surface measures will allow larger defects.

In this data bank, where all boards are measured to the nearest 1/4 inch, 353 of 3,487 boards (10.1 percent) are halfway boards. About 40 percent of these lost a grade when rounded up and only three boards gained a grade. Eleven of the Selects boards dropped to No. 2A Common. Some length and width combinations that result in halfway boards are shown in Table 2.

Constructing the Data Bank

Collecting and Describing Boards

Sampling for the Common grades and the shorter boards (4 to 7 feet) is discussed in detail in Gatchell et al. (1992b) and Wiedenbeck et al. (1994). Initially, we attempted to fill length-width cells without regard for the actual distributions available. However, we soon found that there were fewer long and wide boards and far more narrow boards than we had anticipated. For this data bank, more than 1,400 additional boards were loaned to us for data encoding by a major lumber supplier from northern West Virginia and several wood processors from Virginia and North Carolina. In this later sampling, we emphasized FAS, F1F, and Selects along with 3.5- to 5-inch-wide boards in the Selects and lower grades.

Table 2.—Board length and width combinations (to nearest 1/4 inch) that result in surface measures halfway between consecutive whole feet of surface measure (length in feet times width in inches divided by 12 equals surface measure)

Standard length (ft)	Width to nearest 1/4 inch
4	7.5, 10.5
5	6.0
6	5.0, 7.0, 9.0, 11.0, 13.0
7	6.0
8	5.25, 6.75, 8.25, 9.75, 11.25, 12.75
9	6.0, 10.0
10	9.0
11	6.0
12	4.5, 5.5, 6.5, 7.5, 8.5, 9.5, 10.5, 11.5, 12.5
13	6.0
14	9.0
15	6.0, 10.0
16	—

Table 3.—Board defects and code numbers

Defect	Code
Void ^a	2
Pith	3
Decay	4
Shake	5
Pith related tear or split	6
Wane or scant wood thickness, or both, owing to bark	8
Bark pocket	10
Unsound knot	12
Sound knot	15
Incipient decay and objectional stain	18
Bud trace with bark	20
Stain (precursor to incipient decay)	22
Split	24
Worm hole:	
Grub and other holes 1/4 inch and larger	11
Spot or shot worm holes; larger than 1/16 but less than 1/4 inch	111
Pinworm hole, not over 1/16 inch in diameter	211

^aThe space between the edge of the board and the smallest rectangle enclosing the board; caused by crook, taper, or differential shrinkage.

Data encoding procedures as described by Anderson et al. (1993) were used to record the types (Table 3) and positions of all defects on both faces of each board. The lower left and upper right hand corners of the smallest rectangle containing each defect were recorded to an accuracy of 1/4 inch. Worm holes smaller than 1/4 inch were identified by numerical code. Large or slanted defects (e.g., spike knots or splits) were broken down into a series of smaller, contiguous rectangles to maximize the amount of wood available for cuttings. This procedure is sometimes called “stepping the defect.” All boards in the data bank were graded with the UGRS (Ultimate Grading and Remanufacturing System) computer program (Moody et al., in press). UGRS calculates the total length, slope, and area of contiguous defects with the same code number to determine whether defect size limitations are met or exceeded.

This data bank emphasizes only naturally occurring defects. Paragraph 8 of the NHLA rules states in part, “Lumber should be properly manufactured of good, average width and lengths. It should be edged and trimmed carefully to produce the best possible appearance while conserving the usable product of the log.” Defects from poor felling, handling, drying, or machining must be accounted for in practice but are not included here.

Some defects are difficult to encode objectively. Huber et al. (1990) found that stain and decay were not uniformly defined in 46 U.S. wood-products companies. Decisions on these defects seemed to be based more on the visibility of the defect in the end product rather than on size or color limitations. For this data bank, we define stain as a discoloration that is a precursor of incipient decay. Light stain that would not be objectionable under a clear finish was ignored. Sticker stain was not present in our samples.

Both checks and splits are defined as lengthwise separations of wood. Seasoning checks that will surface out are allowed. Our data-bank boards were well dried and few boards had visible

checks. To avoid confusion, we did not encode allowable checks. Any check that would not surface out was identified as a split. Boards not containing pith but containing the juvenile wood that surrounds the pith often tear or split within this juvenile wood during drying. These tears or splits were identified to provide additional information about the location of the board within the log. All split-type defects were treated as shake and not allowed on the sound face of clear-face cuttings.

Boards initially encoded as 1/4 inch less than a standard foot had 1/4 inch of wood added to the length to prevent "rounding" errors associated with the encoding equipment from affecting the results. The digitizer recorded only in 1/4-inch increments. Therefore, 11.999 inches were recorded as 11.75 inches and would require that any board containing this amount be rounded down to the lower standard length.

Grading Boards With UGRS

The UGRS program determines the grade of a board much as a human would. The grade of each face is determined and the grading face is selected based on the face with the higher grade. When both faces have the same grade, the maximum amount of cutting units is determined for each face, and the face with the fewer cutting units is specified as the poorer face. UGRS uses the extra cutting or the 97 Percent Rule when necessary. Also, UGRS can divide any overlength between board ends to maximize the grade.

Following normal grading procedures, we determined the percentage of each board's surface measure in the fewest grading cuttings. For No. 1 Common, 79.9 percent of the 1,038 boards had percentages of surface measure in grading cuttings ranging from 66-2/3 to 83-1/3 percent. The remaining 21.1 percent were 83-1/3 percent and greater (in the FAS range). For No. 2A Common, 89.2 percent of the boards ranged from 50 to 66-2/3 percent. Only 10.8 percent were 66-2/3 percent and greater.

UGRS then was used to determine the maximum percentage of each board's surface measure that could be found in grading cuttings. For FAS, No. 1 Common, No. 2A Common, and No. 3A Common (graded from the poorer face), as many grading cuttings as could be found were used through the maximum number allowed by the NHLA rules. This procedure did not change the grade of any board. We consider the maximum percentage as the most reliable predictor of utility for a given board and most useful when making up data sets for study.

For No. 1 and No. 2A Common, the maximum percentage of surface area in the maximum allowable number of grading cuttings produced some remarkable results. If the normal range of within-grade percentages of surface measure in the grading cuttings for No. 2A Common is considered to be 50 to 66-2/3 percent and for No. 1 Common is 66-2/3 percent to 83-1/3 percent, then only 54.1 percent of the No. 1 Common and 45.6 percent of the No. 2A Common are in the normal range (Gatchell and Thomas 1997). Fully, 45.9 percent of the No. 1 Common and 54.4 percent of the No. 2A Common boards are above the normal range. The average number of board feet for No. 1 and No. 2A Common boards in the normal range are 6.17 and 5.44 board feet, respectively. The average for the above normal range boards is 5.66 board feet for No. 1 Common and 5.18 board feet for No. 2A Common.

Grading 3A boards with UGRS can be time consuming. The NHLA rules allow for an unlimited number of cuttings. This allows you the freedom to find as many 3-inch by 2-foot (or larger) grading cuttings as possible without concern for number. A computer cannot work quickly in this open ended manner. We allow for a maximum of 20 grading cuttings but rarely have used as many as 8. If the board cannot be graded 3A from the poor face, UGRS determines whether the better face is No. 2A Common with the reverse side of the grading cuttings being sound.

There are two rules that a computer does not handle easily. The first is concerned with allowable unsound defects on the reverse side of a clear-face grading cutting. One or two 1/4-inch defects or one 1/2-inch unsound defect are allowed depending on the size of the grading cutting. A human, seeing several of these defects, can easily decide how many defects to include in one or more potential grading cuttings. Such decisions are time consuming for computers. In our earlier work (Gatchell et al. 1992a, b), we adopted a rule to ignore all 1/4-inch unsound defects and

count all 1/2-inch ones. In a study of more than 1,000 boards, this procedure caused no misgrading for 1/4-inch defects and less than a 2 percent downgrade for 1/2-inch defects. We continued this convention for this data bank.

The second difficult rule concerns the first lineal foot from the ends of FAS boards. The rule states that "... there shall not be less than 50 percent clear face in not more than two pieces of any shape. In addition there shall not be less than 25 percent sound wood in the aggregate." The terms "any shape" and "in the aggregate" require interpretation for computerized solutions. The UGRS interpretation has been shown to be accurate and is described in detail elsewhere (Moody et al.).¹

Data Bank Overview

In this data bank there are 3,487 boards that contain 20,021 board feet. Within a grade, boards are listed consecutively by increasing width and, within a width, by increasing length (see Appendix , Figure 18 and Tables 11-16). Starting with the shortest and narrowest FAS, boards are numbered consecutively until the widest and longest No. 3A Common is reached. Consecutive numbering allows quick identification of any board. There are 654 FAS boards (1-654), 350 F1F boards (655-1004), 281 Selects boards (1005-1285), 1,038 No. 1 Common boards (1286-2323), 925 No. 2A Common boards (2324-3248), and 239 No. 3A Common boards (3249-3487).

The 1994 NHLA rule changes mean that F1F and Selects now are graded the same way and differ only with respect to size and a minor difference in the wane rule for kiln-dried Selects boards that are 3.75 through 5.50 inches wide. The NHLA has made one quality definition for both F1F and Selects: FAS on the better face and No. 1 Common on the back. Kiln-dried boards that are 5.75 inches and wider and 8 feet and longer qualify for F1F. Kiln-dried boards that are 3.75 inches to 5.75 inches wide and at least 6 feet long can qualify as Selects, as can boards that are wider than 5.75 inches and 6 to 8 feet long. In any study where F1F is used, Selects usually is not. In this case, Selects boards can be added to the No. 1 Common board files. When only Selects is being studied, all F1F boards will be Selects. If neither F1F or Selects is to be studied, then all of these boards can be added to the No. 1 Common file.

The length and width distributions of the boards in the data bank are given in Tables 4-9 and the width distributions in 1/4-inch increments are shown in Figures 1-6. We do not claim these distributions to be representative of what is available in the market place. The data bank contains 426 boards (12.2 percent of the total) from a data bank of boards that are less than 8 feet long (Wiedenbeck et al. 1994). The shapes of the width distributions in Figures 1-6 are similar to those of a current Forest Service study of lumber found in the yards of 14 lumber-producing and using companies. During sampling, we included most of the 8-inch and wider boards we found but, proportionally, only a small percentage of the 5- to 7-inch-wide boards. While the widths ranged from 3.5 to 13 inches, 49.8 percent (1,735 of 3,487 boards) were in the 5- and 6-inch width classes. By far, the most commonly occurring widths across all grades were 5.5, 5.75, and 6.0 inches.

The NHLA rules allow as much as 50 percent of each shipment to be in odd standard lengths. However, the industry does not produce much in the longer odd lengths. Of the 2,736 boards that are 8 feet and longer, only 235 are in the 9-, 11-, 13-, and 15-foot length classes. Of these, only 52 are 13 or 15 feet long. These 52 boards are surrounded by 1, 213 boards that are 12, 14, or 16 feet long (590 12 footers, 273 14 footers, and 350 16 footers).

Table 4.—FAS size distributions

Standard length (feet)	Width class (inches)										No. of boards	Board feet
	4	5	6	7	8	9	10	11	12	13		
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-
8	-	75	26	23	13	24	2	1	4	5	173	832
9	-	3	9	7	2	4	3	-	1	-	29	159
10	-	6	23	16	15	13	5	4	1	-	83	532
11	-	5	5	2	5	3	-	3	-	1	24	174
12	-	17	33	20	19	25	12	8	5	1	140	1115
13	-	-	-	1	-	1	-	2	-	-	4	43
14	-	1	8	10	6	8	10	5	1	-	49	493
15	-	2	2	-	1	4	-	-	-	-	9	86
16	-	17	34	12	16	29	12	9	6	8	143	1599
Total		126	140	91	77	111	44	32	18	15	654	5033

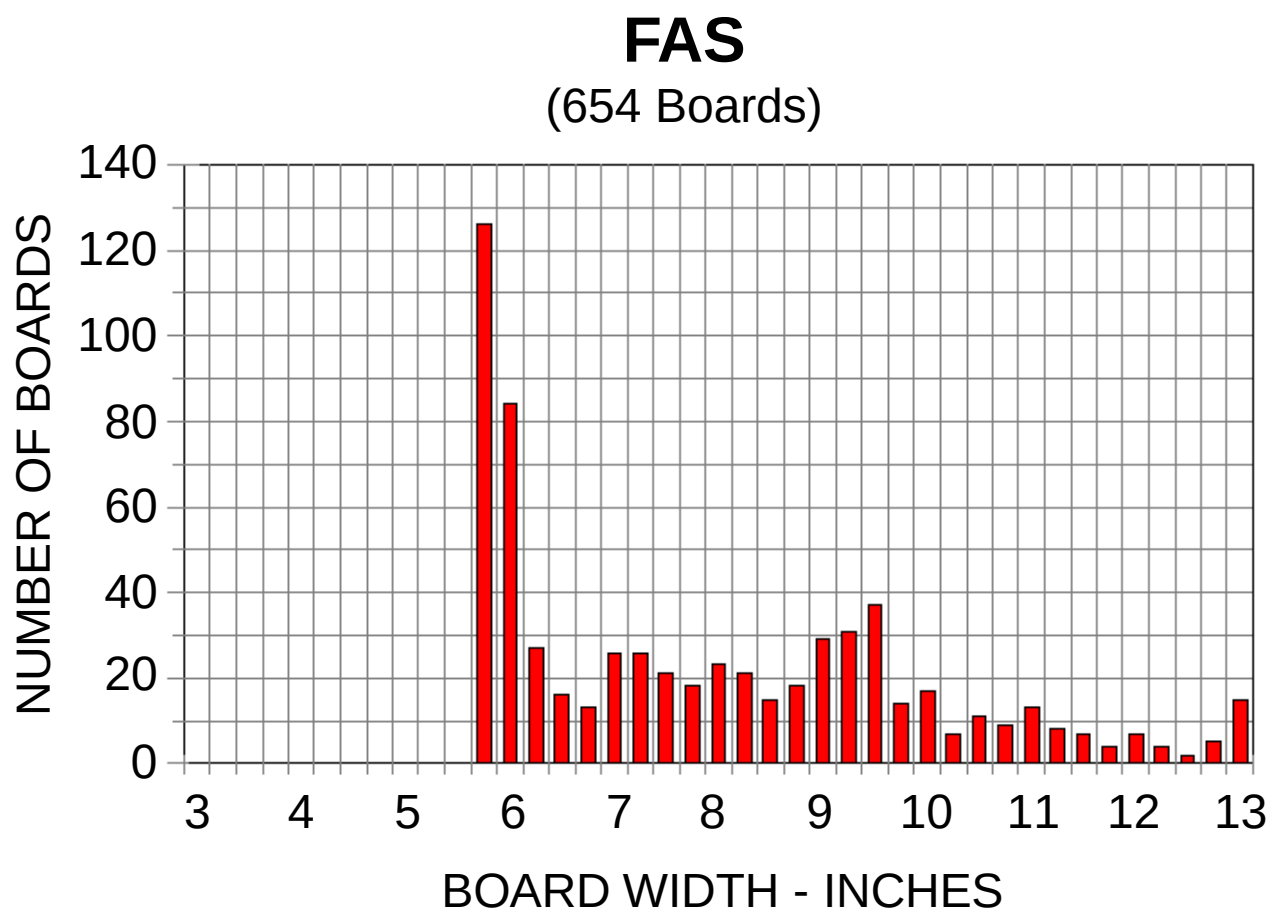


Figure 1.—FAS board-width frequency distributions (654 boards).

Table 5.—F1F size distributions

Standard length (feet)	Width class (inches)											No. of Boards	Board feet
	3	4	5	6	7	8	9	10	11	12	13		
4	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	24	12	12	5	5	1	2	-	-	61	284
9	-	-	-	5	2	5	3	1	-	-	-	16	93
10	-	-	4	27	14	15	3	6	5	2	-	76	490
11	-	-	4	2	3	2	1	1	1	1	-	15	107
12	-	-	15	19	16	16	8	2	-	1	-	77	562
13	-	-	-	-	-	-	1	-	-	-	-	1	10
14	-	-	-	8	4	6	7	4	2	-	-	31	305
15	-	-	3	2	-	1	-	-	-	-	-	6	46
16	-	-	20	15	8	8	10	5	-	1	-	67	663
Total			70	90	59	58	38	20	10	5		350	2560

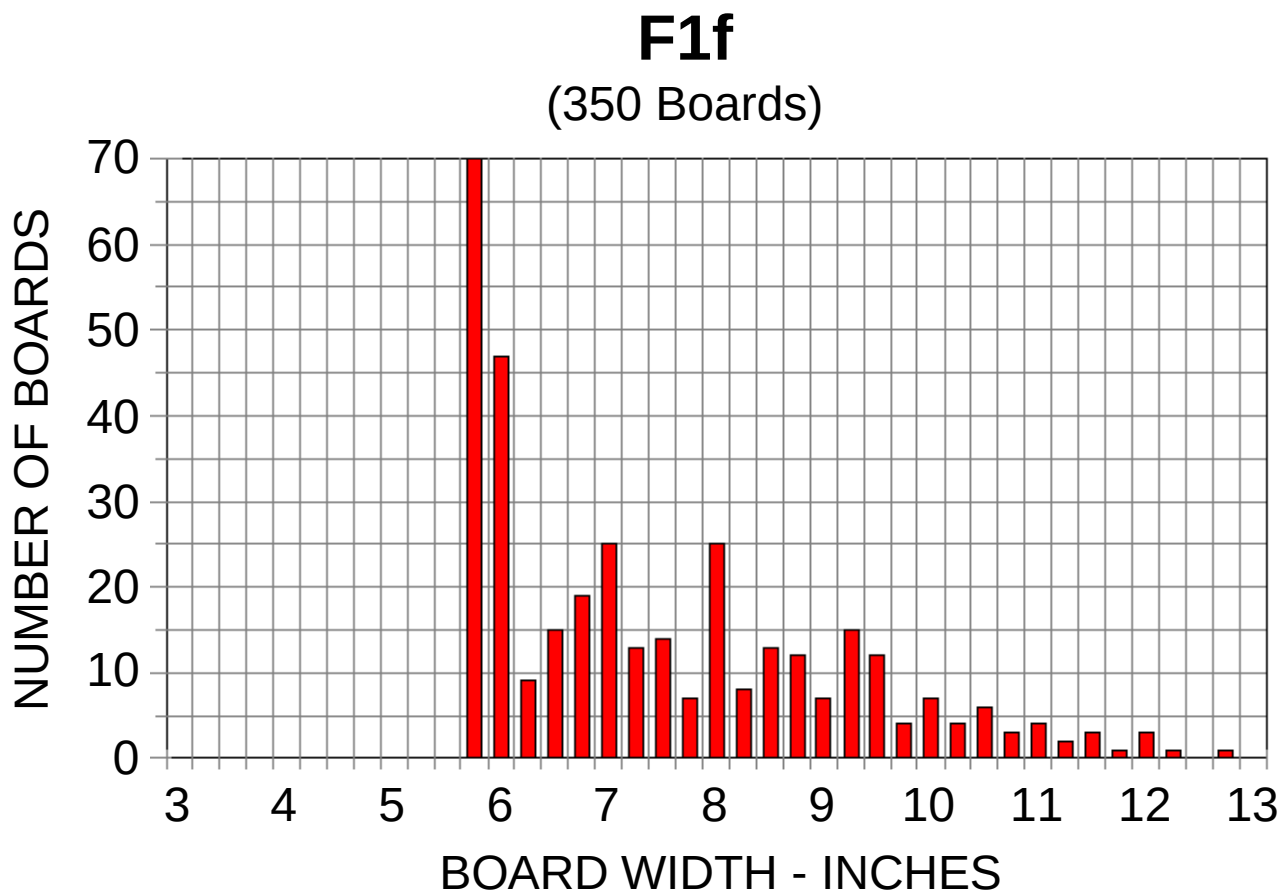


Figure 2.—F1F board-width frequency distributions (350 boards).

Table 6.—Selects size distributions

Standard length (feet)	Width class (inches)												No. of boards	Board feet
	3	4	5	6	7	8	9	10	11	12	13			
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	3	14	18	26	7	7	1	-	1	-	-	77	227	
7	1	6	7	1	3	1	-	-	-	-	-	19	58	
8	16	18	52	-	-	-	-	-	-	-	-	86	279	
9	-	4	-	-	-	-	-	-	-	-	-	4	12	
10	7	17	15	-	-	-	-	-	-	-	-	39	152	
11	2	1	8	-	-	-	-	-	-	-	-	11	50	
12	3	8	19	-	-	-	-	-	-	-	-	30	139	
13	-	-	2	-	-	-	-	-	-	-	-	2	12	
14	-	1	5	-	-	-	-	-	-	-	-	6	35	
15	-	-	2	-	-	-	-	-	-	-	-	2	14	
16	-	-	5	-	-	-	-	-	-	-	-	5	35	
Total	32	69	133	27	10	8	1		1			281	1013	

SELECTS (281 Boards)

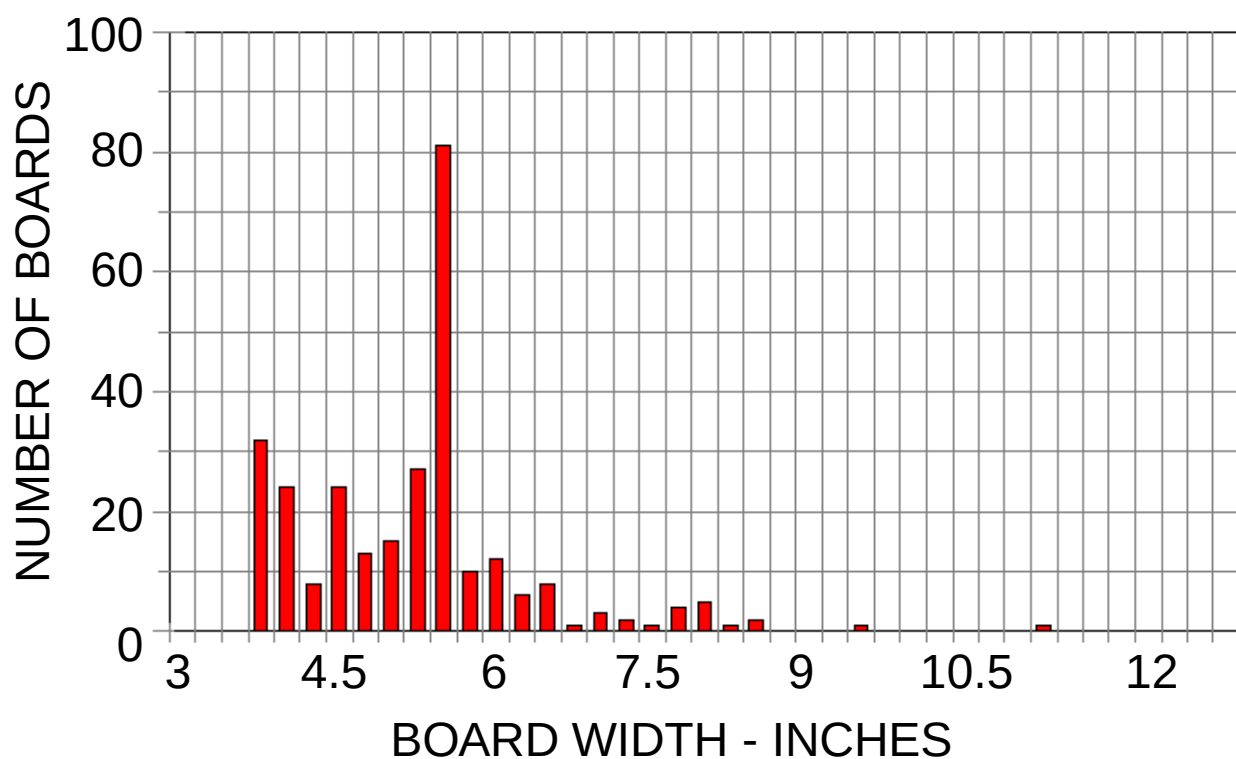


Figure 3.—Selects board-width frequency distributions (281 boards).

Table 7.—No. 1 Common size distributions

Standard length (feet)	Width class (inches)											No. of Boards	Board feet
	3	4	5	6	7	8	9	10	11	12	13		
4	3	1	14	37	27	10	8	8	4	1	-	113	264
5	-	1	7	8	18	6	-	2	-	-	-	42	121
6	1	10	36	45	14	13	3	6	3	-	-	131	429
7	2	2	13	5	1	1	2	1	2	1	-	30	114
8	9	18	38	25	23	18	22	11	2	4	1	171	784
9	-	2	2	5	9	3	1	1	1	1	1	26	147
10	13	13	41	31	22	11	15	15	8	2	-	171	984
11	1	-	3	4	-	3	-	-	-	-	-	11	63
12	9	11	54	30	26	7	13	9	5	10	3	177	1232
13	-	1	4	-	2	-	-	-	-	-	-	7	44
14	-	1	25	6	8	3	17	3	7	4	1	75	692
15	-	-	1	-	-	1	1	-	-	-	-	3	29
16	-	1	25	10	11	12	11	2	4	2	3	81	827
Total	38	61	263	206	161	88	93	58	36	25	9	1038	5730

NO. 1 COMMON (1038 Boards)

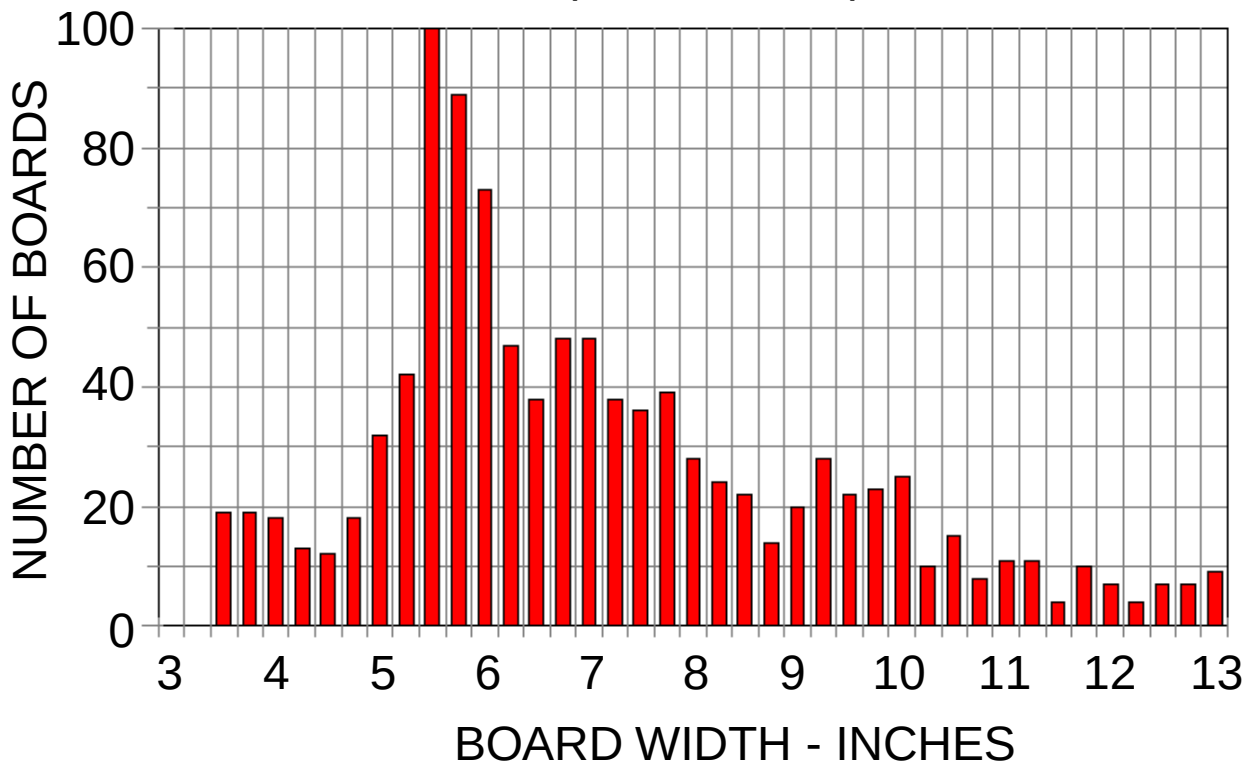


Figure 4.—No. 1 Common board-width frequency distributions (1,038 boards).

Table 8.—No. 2A Common size distributions

Standard length (feet)	Width class (inches)											No. of boards	No. of board feet
	3	4	5	6	7	8	9	10	11	12	13		
4	2	24	45	27	13	5	-	-	1	1	-	118	230
5	1	3	5	8	3	1	1	-	-	-	-	22	55
6	4	4	20	17	16	13	4	3	-	1	-	82	276
7	2	2	1	3	2	3	-	-	1	-	-	14	55
8	10	8	65	40	21	16	15	18	3	1	2	199	920
9	1	-	6	5	7	-	-	-	-	-	-	19	91
10	2	23	51	35	34	12	9	2	1	-	-	169	907
11	-	2	4	1	1	-	-	-	-	-	-	8	41
12	5	12	39	31	25	10	6	1	2	-	-	131	821
13	-	1	9	2	1	-	-	-	-	-	-	13	81
14	-	5	52	15	9	5	6	3	3	-	-	98	731
15	-	1	1	-	1	-	-	-	-	-	-	3	23
16	-	3	19	8	6	5	5	2	-	1	-	49	444
Total	27	88	317	192	139	70	46	29	11	4	2	925	4675

NO. 2A COMMON (925 Boards)

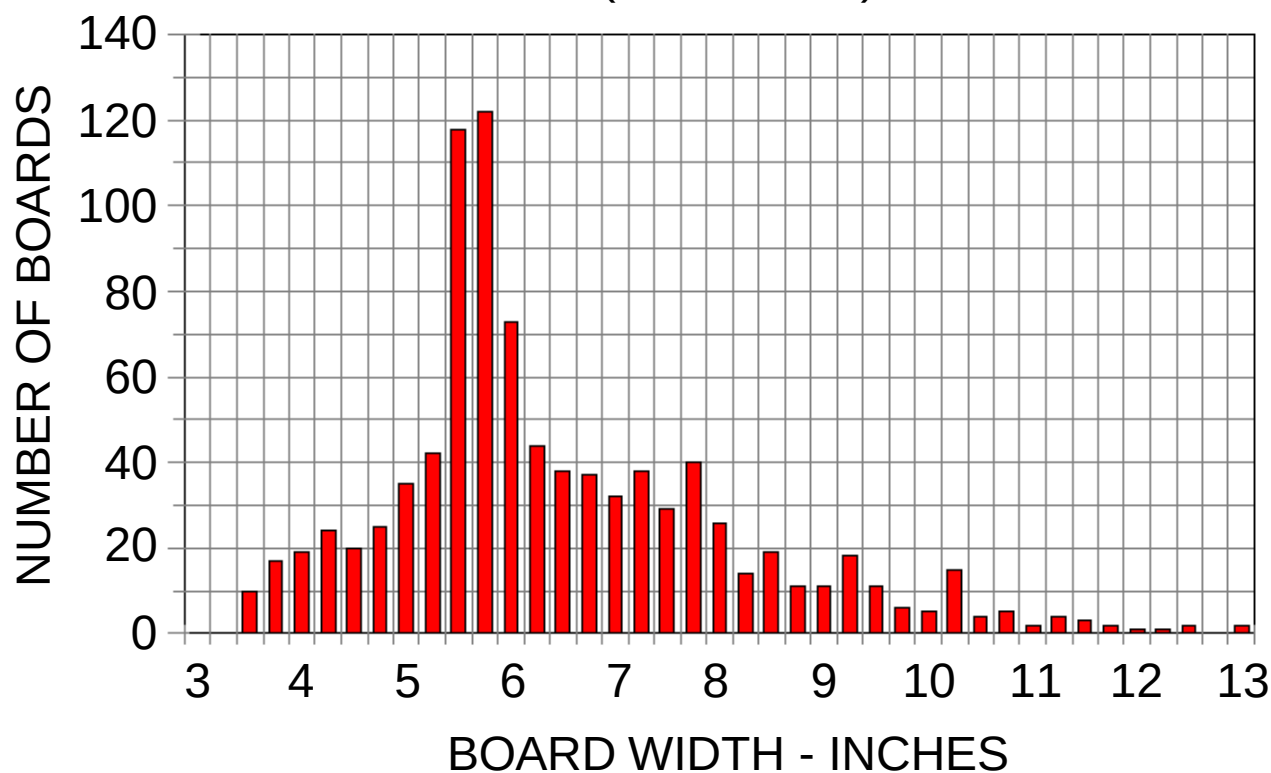


Figure 5.—No. 2A Common board-width frequency distributions (925 boards).

Table 9.—No. 3A Common size distributions

Standard length (feet)	Width class (inches)											No. of boards	No. of board feet
	3	4	5	6	7	8	9	10	11	12	13		
4	-	5	17	12	9	3	-	1	-	-	-	47	105
5	-	1	-	1	-	1	-	-	-	-	-	3	8
6	-	1	28	8	5	2	4	2	1	-	-	51	173
7	-	-	-	-	-	1	-	-	-	-	-	1	5
8	-	5	16	1	4	3	-	-	-	-	-	29	117
9	-	1	2	2	-	-	-	-	-	-	-	5	19
10	3	1	24	6	1	3	-	-	-	-	-	38	188
11	1	-	2	1	-	1	-	-	-	-	-	5	27
12	-	2	27	3	3	2	-	-	-	-	-	37	213
13	-	-	2	-	-	-	-	-	-	-	-	2	12
14	-	1	11	1	1	-	-	-	-	-	-	14	91
15	-	-	2	-	-	-	-	-	-	-	-	2	14
16	-	-	5	-	-	-	-	-	-	-	-	5	38
Total	4	17	136	35	23	16	4	3	1			239	1010

NO. 3A COMMON (239 Boards)

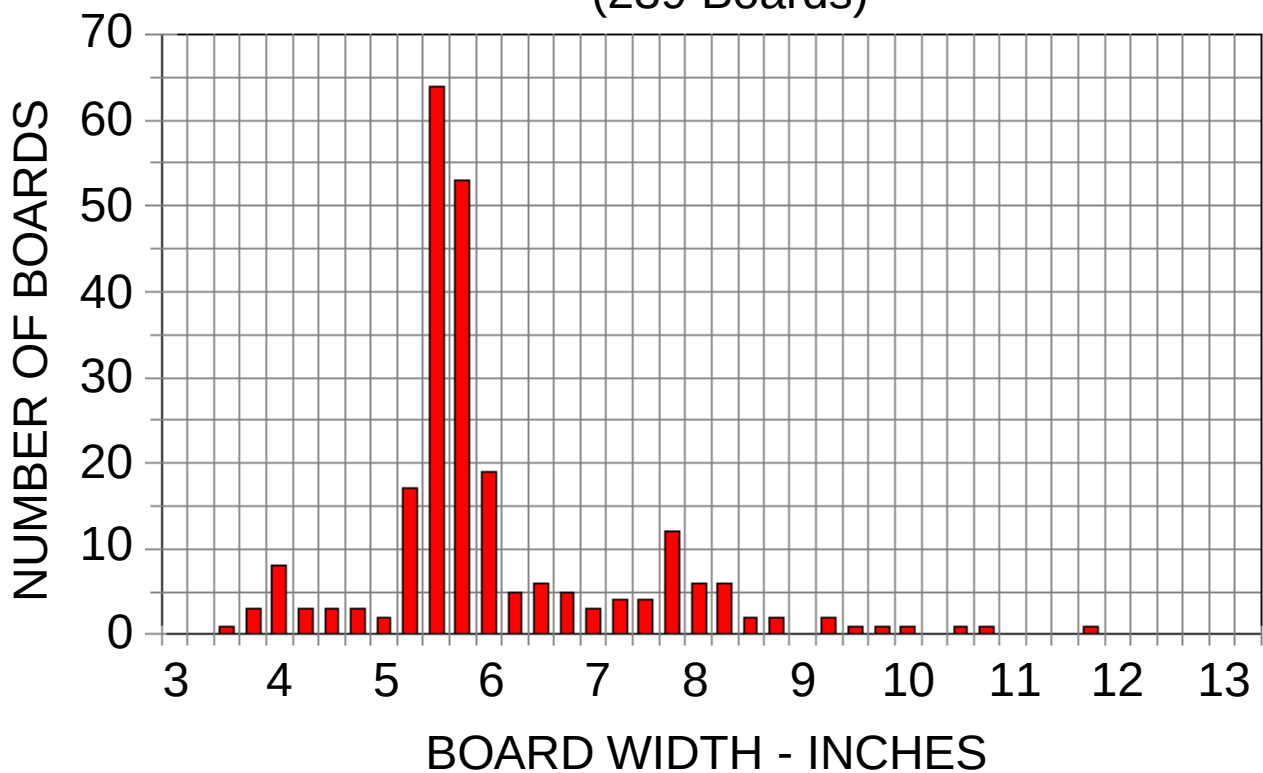


Figure 6.—No. 3A Common board-width frequency distributions (239 boards).

Pith

Pith may be the least desirable of all defects. As with rot, shake, or wane, it is not allowed on the sound-back of any grading cutting. If it is known to be within the board, it must be counted as if on the surface. It often is difficult to determine whether the pith is in or out of the board. Wood next to the pith may tear or split when dried.

For the FAS grade, pith is limited to a total length in inches not to exceed the number of feet of surface measure. No. 1 Common boards may have total pith not exceeding one-half the board length. No. 2A and No. 3A Common can contain unlimited pith so long as none is found in the grading cuttings.

As shown in Table 10, far less pith is found than is allowed. Only 1 of 654 FAS boards contained pith. Of the F1F and Selects, 2.6 and 1.8 percent, respectively, contained pith versus 5.6 percent for No. 1 Common, 15.6 percent for No. 2A Common, and 36.0 No. 3A Common. These distributions reflect the view that the lowest quality wood is from the center of the log.

Table 10.—Number of boards containing pith

Grade	Aggregated lentgh of pith (ft)							No. of boards		Percentage of boards with pith
	<1	1	2	3	4	5	>=6	Total with pith	Total in sample	
FAS	1	0	0	0	0	0	0	1	654	0.2
F1F	6	2	0	0	0	0	1	9	350	2.6
SELECTS	5	0	0	0	0	0	0	5	281	1.8
NO. 1 COMMON	34	12	8	0	2	1	1	58	1038	5.6
NO. 2A COMMON	72	39	12	9	8	1	3	144	925	15.6
NO. 3A COMMON	39	18	13	8	3	3	2	86	239	36.0

Summary

We have attempted to assemble a data bank that represents the quality of straight, northern red oak boards. We have fewer narrow boards and more wide boards than might be expected in today's lumber market. We also have included more boards less than 8 feet long. However, the total of 3,487 boards containing 20,021 board feet should allow the construction of samples of adequate size for study with various crosscut-first or gang-rip-first rough-mill simulators (see the following section). To that end, we used a new lumber grading computer program (UGRS) to determine the maximum allowable grading surface area and present the boards sorted by grade, width, length, and maximum grading surface area.

Making Board Samples From The Data Bank with MAKEFILE

MAKEFILE is a computer program that allows the user to construct data files of smaller samples from the full data bank in one of two ways. Datasets of selected boards can be built up or MAKEFILE will construct datasets based on predetermined percentages of different sizes and grades of boards.

Getting Started with MAKEFILE

The Forestry Sciences Laboratory at Princeton, West Virginia, has developed a series of grading and secondary processing programs. This series requires the data bank to be presented in three formats. In MAKEFILE, the UGRS grading and remanufacturing program is identified with a **-U**. This is the format supplied with this data bank. The ROMI-RIP programs, version 1.n or 2.n, (Thomas 1995a, b) are identified with a **-A**. The ROMI-RIP version 2.n and ROMI-CROSS (Thomas 1997) programs are identified with a **-V**.

To start MAKEFILE, make the working directory the one that contains the properly formatted data bank files. If you want to make subsamples for grading training, enter the following at the DOS prompt:

CD IUGRS

If you are using ROMI-RIP or ROMI-CROSS, it would be:

CD IROMI-RIP

Then, start the MAKEFILE program by entering

for UGRS:

MAKEFILE -U

for ROMI-CROSS:

MAKEFILE -V

for ROMI-RIP version 1.n or 2.n:

MAKEFILE -A

You may have several grading or processing programs installed on your computer. It is necessary to specify the **-U** or **-V** or **-A** (as appropriate) each time MAKEFILE is run to ensure that the correct data format is used.

Next, select the type of data file you want to create from the Custom Datafile Creation menu (Fig. 7). We will first discuss making samples of selected boards and then discuss samples of computer derived mixes of grades and board sizes.

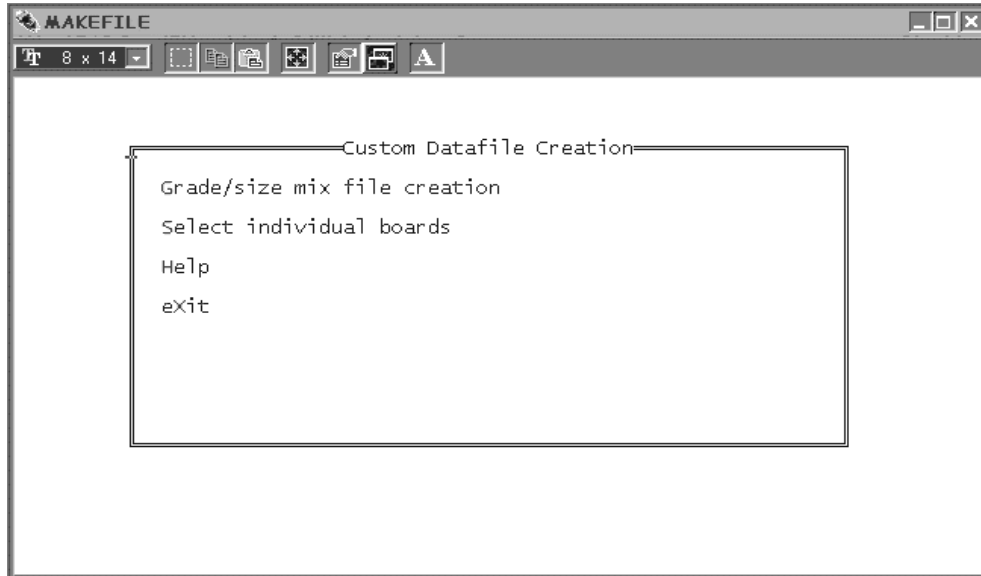


Figure 7.—Custom datafile creation main menu.

Samples of Selected Boards

To create a new data file composed of selected individual boards, choose **Select individual boards** from the MAKEFILE main menu (Fig. 7). The program will display the Selected Boards Datafile Creation window (Fig. 8). There are three steps to follow: (1) choose a source data file, (2) choose a destination data file, and (3) select the board(s). You may select from only one source data file at a time and only one board at a time. The status bar at the bottom of the window (Fig. 8) displays the specified data file and destination filenames if they have been selected. Figure 8 shows that no source or destination data file has been selected.

To specify source or destination data files, choose the **Data File** or **Destination** items, respectively, (Fig. 8). The Custom Datafile Selection window (Fig. 9) shows the six data files that contain all 3,487 data bank boards. These six files are easily identified by the "-ALL" in their name. You should pick boards only from these six data files. By doing this, you will find any board easily and quickly. Also included are some subsets and other files. As you progress, other files will appear here. Only one file can be used at a time, but any number of boards can be selected from it.

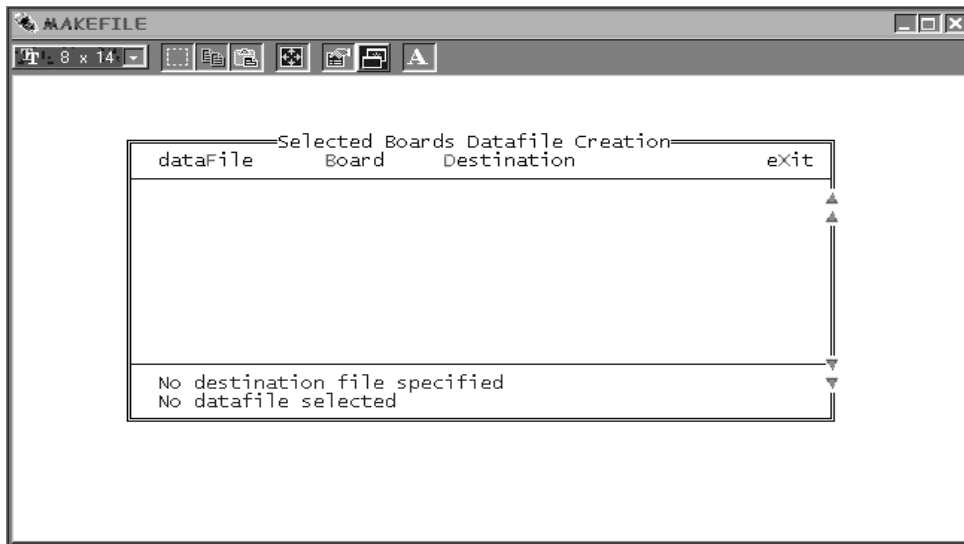


Figure 8.—Selected boards datafile creation window.

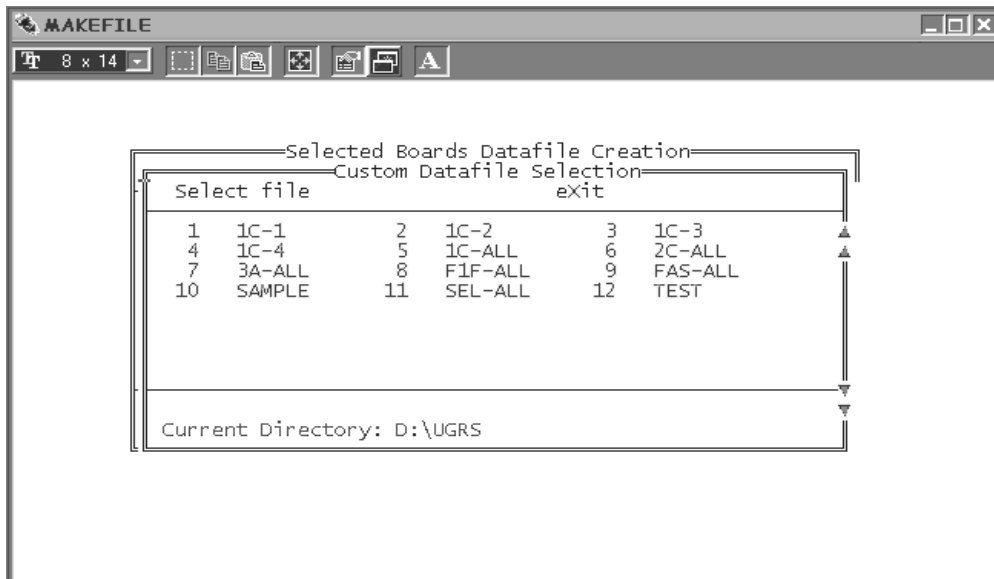


Figure 9.—Custom datafile selection window.

The Destination Datafile window (Fig. 10) lists several previously developed data files. Note that most of these data files are subset data files and should not be selected for use as a destination data file. Subset data file names are easily identified as they always end in a letter or number. Subset data files are described in detail in the next section. Boards can be appended to any one of these. Select **New file** to start a new file and enter a new file name at the bottom of the window. **If you specify a destination data file that currently exists, you are given the option of overwriting or appending to the file. Although you can have only one source data file open at a time, you can open as many as you want in succession during the data file building process.** Select **eXit** to return to the window shown in Figure 8. The Destination File and Data File status lines at the bottom of the screen now will show the names of the files that were selected.

After the source and destination data files have been chosen, specific boards can be selected. Selecting **Board** from the Selected Boards Datafile Creation window will bring up the Board Selection window (Fig. 11), which displays all of the boards in the source data file. Click on the

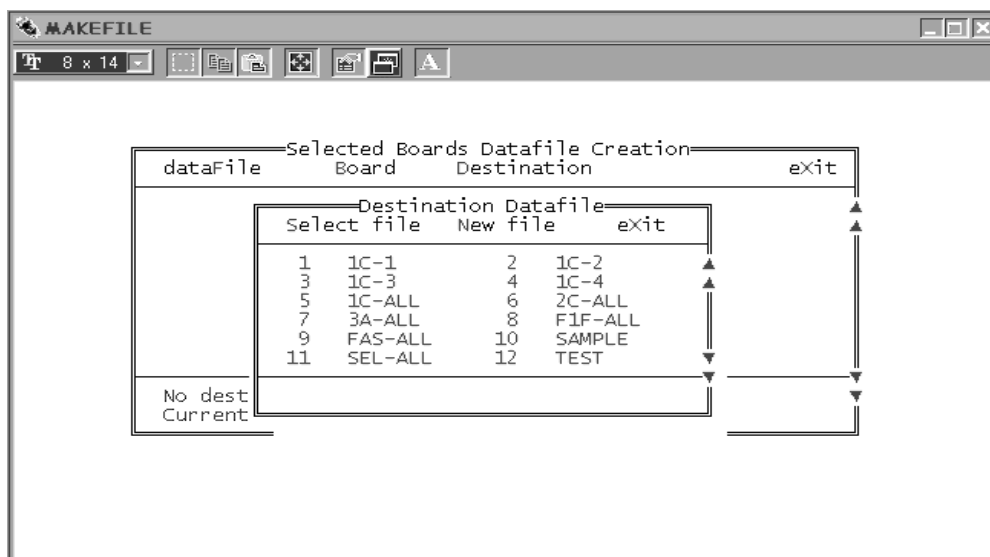


Figure 10.—Destination datafile selection window.

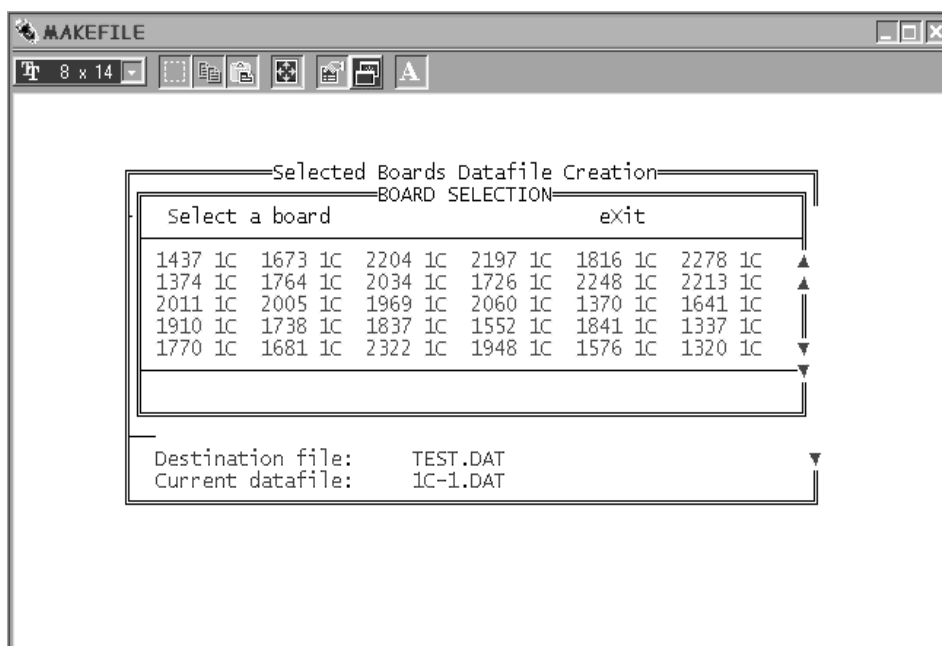


Figure 11.—Board selection window.

scroll points or use the Page Up and Page Down keys to scroll through the board display. When a board is selected, the board is copied to the destination data file and a confirmation message is displayed in the status bar. Note that MAKEFILE does not determine whether a board is selected only once. When you have finished selecting boards from a file, choose **eXit**. At this point, you may select another source data file and continue to add boards to the destination file or select a new destination file.

When sampling is completed, the sequence of boards can be left as is or randomized. When **Exit** or **New File** is selected, you have told the computer that you are finished selecting boards for the current file. You will be asked whether you wish to randomize the board sequence.

Randomized Samples of Mixed Grades and/or Board Sizes

To develop samples of mixed grades and/or board sizes, we first divided each lumber grade into subsets of about 500 board feet each. For example, if there are 4,000 board feet overall, there will be eight subsets. The subsets are constructed by selecting boards for each subset in order, as when dealing cards. For eight subsets, the first will contain boards 1, 9, 17, 25, and so on; the second will contain boards 2, 10, 18, 26, and so on. Generating subsets in this manner guarantees that the board distribution in the subsets closely mirrors the distribution of the entire grade in the data bank. Because of the ordered nature of the data bank itself, it is possible that the last subset might contain boards that overall are slightly wider and longer than the first. The tendency toward such a bias is considered trivial as samples for study will be made up by random sampling from all subsets and the final position of each board in each subset is determined by randomization. We provide the subsets for further examination and testing with UGRS (Moody et al., in press), ROMI-RIP (Thomas 1995a), and ROMI-CROSS (Thomas 1997).

After the total amount of board feet to be studied is specified, MAKEFILE calculates the number of board feet to be taken from each randomized subset and randomly determines a starting position in each subset. MAKEFILE then starts with the board at that position in the subset sequence and successively adds boards until the calculated amount of board feet is achieved. Of course, the last board taken might be slightly larger than needed; as a result, the actual number of board feet usually will be slightly higher than specified. This procedure is repeated with each subset in the lumber grade until the sample is assembled. While the position of each board in each subset is fixed after random shuffling, each board has an equal chance of being selected as the sampling starting point. Any specified amount for a given grade will be made up of approximately equal amounts from each of the subsets of that grade.

Creating Grade/Size Mixed Data files

To create a data file of mixed grades and/or board sizes, select **Custom Grade/Size Mix Datafile Creation** (Fig. 12) in the Custom Datafile Creation main menu (Fig. 7). Specify the file options and generate the file. For each grade, specify the **percentage** you want. If you want 50 percent No. 1 Common, select "1 Common" and enter 50; if you want 20 percent No. 2A Common, select "2A Common" and enter 20. The total percentage for all grades is displayed on the totals line and must be 100 before generating the file. The default board sample size is 1,000 board feet. To change the sample size, select **Totals** and enter the amount of board feet you want in the sample. When the sample size is changed, MAKEFILE automatically recalculates the total board feet needed for each grade based on the percentage entered. MAKEFILE will notify you if you specify a quantity that exceeds the amount available.

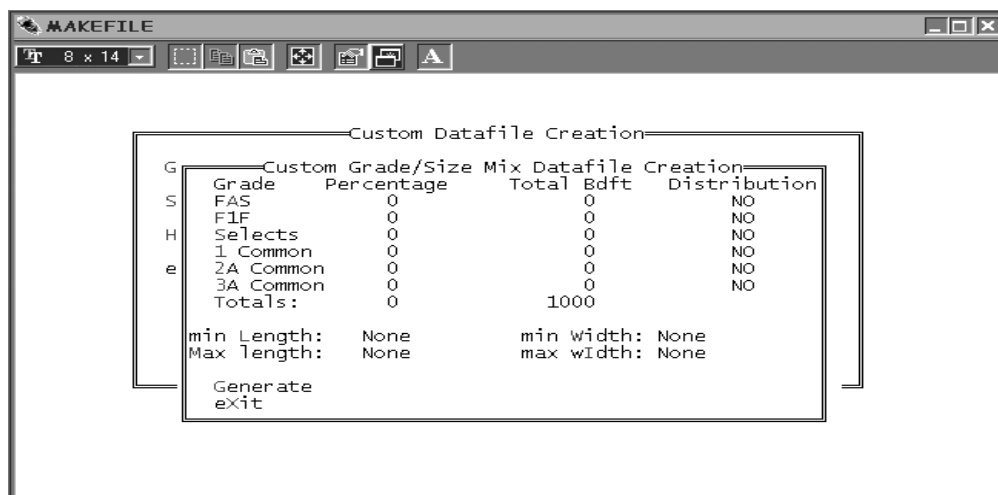


Figure 12.—Default custom grade/size mix datafile creation screen.

As shown in Figure 12, you can specify board minimum and maximum widths and lengths. Both length and width are measured in inches to the nearest 1/4 inch. In the example in Figure 13, we specified a 30 percent No. 1 Common, 70 percent No. 2A Common data file with no minimum or maximum lengths or widths. We wanted the total sample size to be 2,500 board feet.

For those who wish to specify varying amounts of different lengths and widths of each grade in the sample, a distribution editor is available. For each grade, a distribution of as many as 20 size ranges can be specified. Choose **Distribution** for the desired grade (Fig. 13). This will bring up the Distribution Editor screen (Fig. 14). Click on the percent or length and width items to change the current values. Figure 15 shows a sample grade distribution editing session. Entering a size of 0 for a length or width eliminates that size from the sample. To scroll through the available distribution categories, click on the scroll points or use the Page Down and Page Up keys.

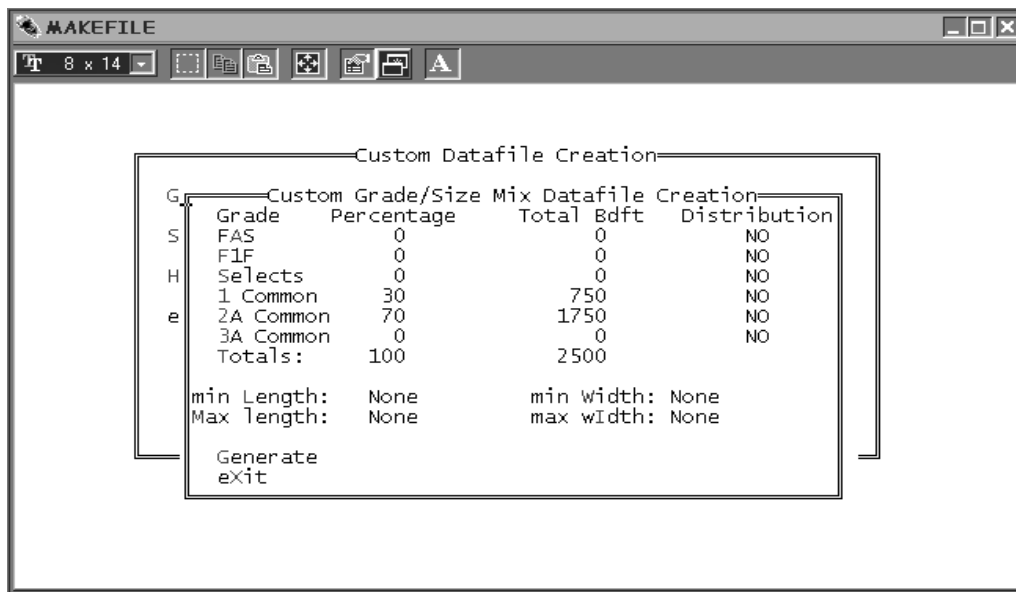


Figure 13.—Sample custom file specifications.

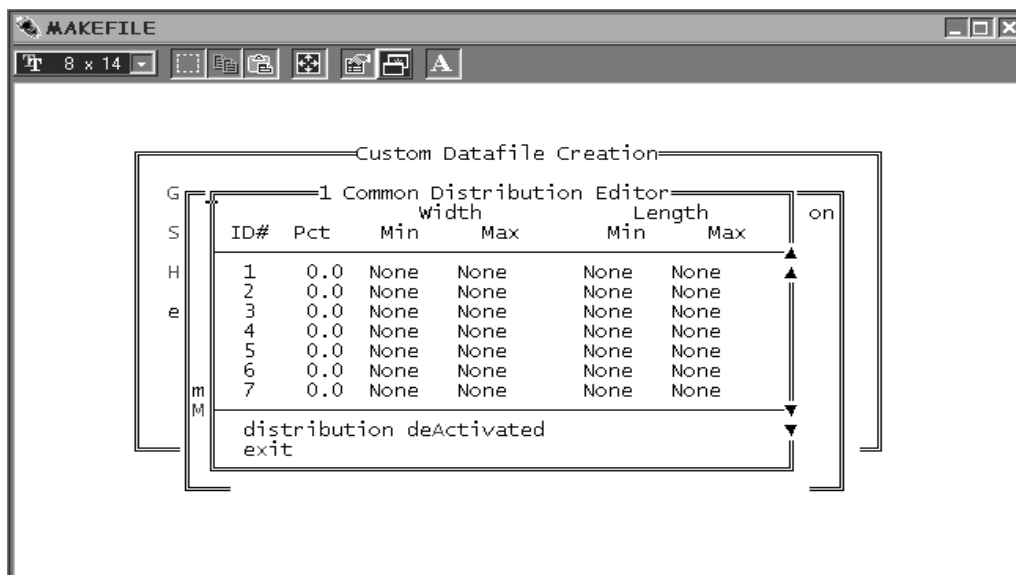


Figure 14.—Sample grade distribution editor window.

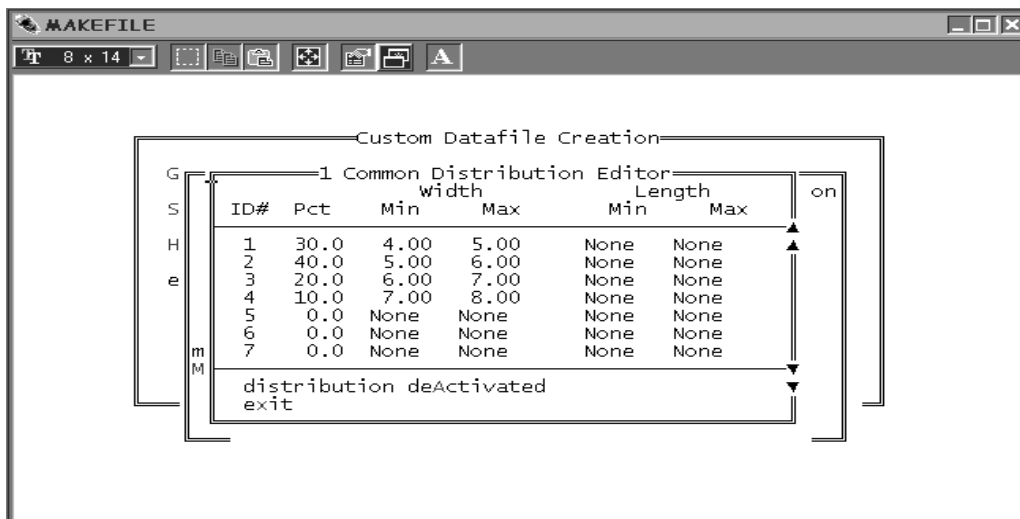


Figure 15.—Sample grade distribution editing session.

A word of caution: The percentages column for the lumber grades (Fig. 16) must total 100. If a distribution is desired for one or more specified grades (Fig. 15), the percentages in each of these grade distributions also must add to 100. Note that the distributions are percents of a percentage. Thus, if 30 percent of the sample is No. 1 Common and 20 percent of the No. 1 Common distribution is to be 6 to 7 inches wide, we are referring to 6 percent of the total sample size.

Once a distribution has been defined, it must be activated before it can be used. The **distribution deActivated** (Fig. 15) and **distribution Activated** (not shown) statements report the current status. The status can be changed by toggling. If you are satisfied with the distribution, select **eXit** to return to the main Custom Datafile Creation window (Fig. 16). Note that YES is displayed in the distribution column for grades that have a custom distribution defined. For any grade that is required but for which no custom distribution is defined or activated, the overall length and width specifications will be displayed. None are specified in the example in Figure 16. This means that a random selection of lengths and widths will be made.

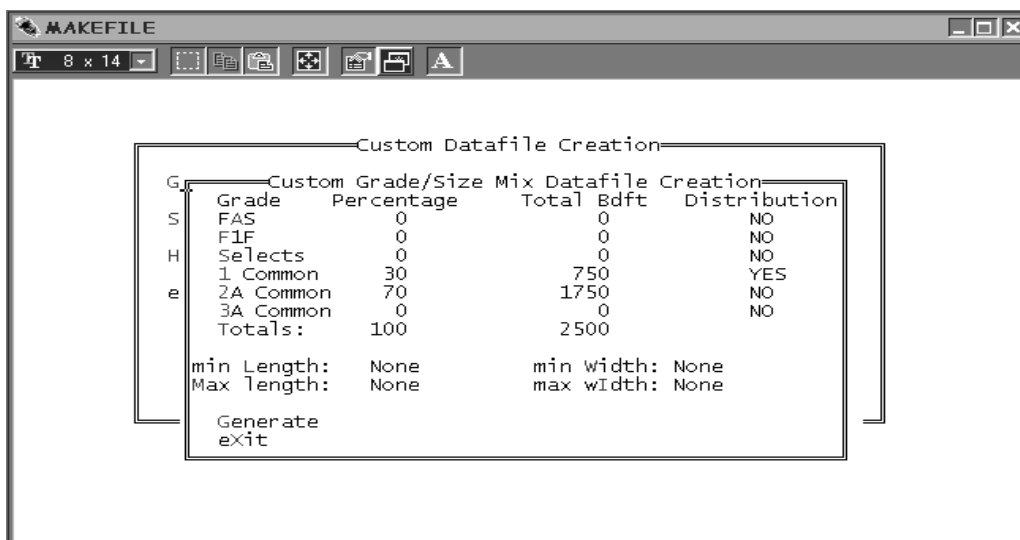


Figure 16.—Custom grade size/mix window showing activated distribution.

Generating the Custom Data file

Choosing **Generate** from the Custom Grade/Size Mix Datafile Creation window (Fig. 16) opens the Custom File Generator window (Fig. 17). You will be prompted to enter the name of the sample file that has just been created. In this example, we have named the file SAMPLE. If that name exists, the option is given to overwrite the file or cancel. If you cancel, the options remain unchanged and you can specify a new name. By default, custom data files contain boards sorted by grade, with the highest grade occurring first and the lowest grade last. After the data file is generated, MAKEFILE will ask if you want to randomly sort the newly created data file. Next, MAKEFILE returns to the Custom Grade/Size Mix Datafile Creation window, where you can create another data file or exit and begin using the new data file(s).

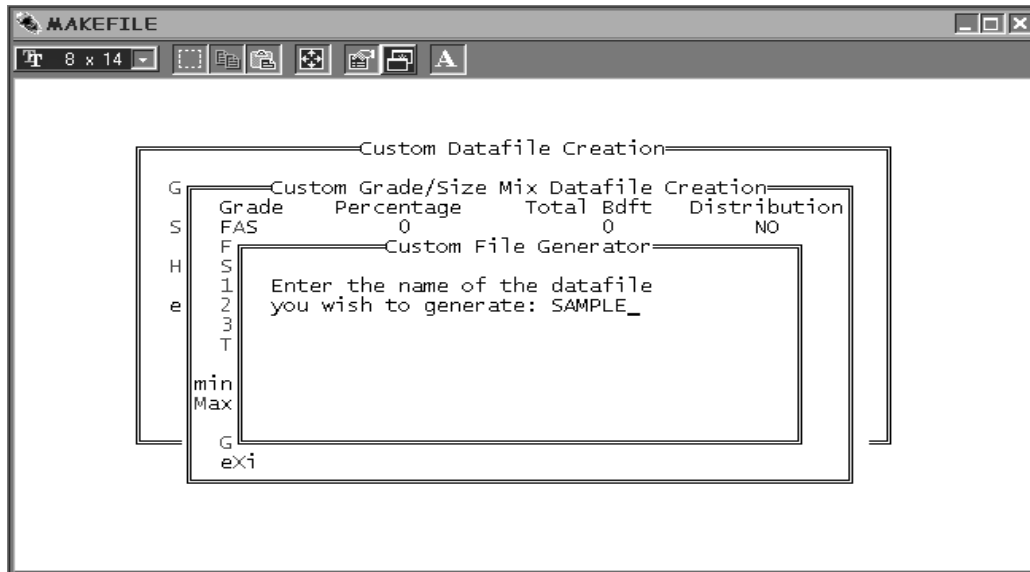


Figure 17.—Custom file generator window .

Deleting Data files

There are several ways to delete old data files. We will discuss two. Be careful to delete only the intended data file(s). An easy way to delete data files is with DOS. To access DOS, exit the application or open the DOS window if you are using the Windows operating system. Next, make the subdirectory that contains the data files your working directory. If you are using UGRS and used the default installation directory, you would enter:

CD \UGRS

A listing of files is shown by typing `Dir *.dat /p`. Then type `DEL` and the name of the file to be deleted. For example, if we want to delete the file named 251C752C.DAT, we would enter at the DOS prompt:

DEL 251C752C.DAT

Upon pressing the Enter key, the file will be deleted.

To delete files using Windows, open the File Manager. A list of available subdirectories is shown on the left side of the screen. Click on the subdirectory that contains the data files you wish to remove. Following the previous example, you would click on the \UGRS subdirectory name. The right side of the screen will display all of the files in the \UGRS subdirectory. Search for the file you wish to delete, then click once to highlight that file. Next, press the delete key. You will be asked if you really want to delete the file. Press Return or choose YES to complete the deletion. For users of Windows 95 or Windows NT, Windows Explorer functions in much the same way.

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Appendix

Table 11.--Board information report for FAS lumber

Board number	Measured width (inches)	Length (inches)	Surface ^a measure (feet)	Larger ^b S.M. grade	% S.M. & ^c No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface ^a measure (feet)	Larger ^b S.M. grade	% S.M. & ^c No. of cuttings
120	5.75	192.75	8		93.78-2	151	6.00	120.00	5		89.17-1
121	5.75	192.75	8		88.97-1	152	6.00	120.50	5		87.05-1
122	5.75	192.75	8		94.18-2	153	6.00	120.50	5		92.92-1
123	5.75	192.75	8		89.72-2	154	6.00	120.75	5		83.85-1
124	5.75	192.75	8		96.21-1	155	6.00	120.75	5		84.77-1
125	5.75	192.75	8		92.66-2	156	6.00	120.75	5		93.75-1
126	5.75	192.75	8		96.21-1	157	6.00	121.00	5		94.38-1
127	6.00	96.00	4		100.00-1	158	6.00	121.00	5		97.08-1
128	6.00	96.00	4		88.29-1	159	6.00	121.00	5		84.45-1
129	6.00	96.00	4		100.00-1	160	6.00	121.00	5		91.83-1
130	6.00	96.00	4		100.00-1	161	6.00	121.00	5		84.60-1
131	6.00	96.00	4		95.83-1	162	6.00	121.00	5		100.83-1
132	6.00	96.00	4		95.83-1	163	6.00	121.00	5		100.83-1
133	6.00	96.00	4		95.83-1	164	6.00	121.25	5		96.83-1
134	6.00	96.00	4		95.83-1	165	6.00	121.50	5		84.65-1
135	6.00	96.00	4		83.33-1	166	6.00	131.25	5		109.38-1
136	6.00	96.00	4		89.33-1	167	6.00	132.50	5/6	FAS	110.42-1
137	6.00	96.00	4		95.83-1	168	6.00	134.00	5/6	FAS	111.67-1
138	6.00	96.00	4		100.00-1	169	6.00	144.00	6		83.33-1
139	6.00	96.50	4		86.65-1	170	6.00	144.50	6		91.35-1
140	6.00	96.50	4		100.52-1	171	6.00	144.50	6		97.40-2
141	6.00	96.75	4		88.19-1	172	6.00	144.75	6		98.61-2
142	6.00	96.75	4		88.19-1	173	6.00	145.00	6		100.69-1
143	6.00	108.50	4/5	FAS	108.31-1	174	6.00	145.00	6		100.69-1
144	6.00	108.50	4/5	F1F	93.42-1	175	6.00	145.00	6		100.69-1
145	6.00	108.75	4/5	F1F	88.60-1	176	6.00	145.00	6		93.03-2
146	6.00	109.50	4/5	1C	100.08-1	177	6.00	145.00	6		95.32-2
147	6.00	111.00	4/5	F1F	102.81-1	178	6.00	145.00	6		98.18-2
148	6.00	119.00	4/5	FAS	106.25-1	179	6.00	145.00	6		100.69-1
149	6.00	119.25	4/5	FAS	107.04-1	180	6.00	145.00	6		97.57-2
150	6.00	120.00	5		93.33-1	181	6.00	145.00	6		96.50-1

^aThe surface measure of boards that are half-way between two whole feet is shown separated by a slash (/).

^bThe grade of half-way boards when the larger surface measure is used.

^cWhere a board is half-way between two whole feet of surface measure, the lower value is used.

Figure 18.—Illustration of format for Tables 11-16.

Table 11.—Board information report for FAS lumber

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
1	5.75	96.00	4		91.67-1	51	5.75	96.00	4		91.67-1
2	5.75	96.00	4		95.83-1	52	5.75	96.00	4		95.83-1
3	5.75	96.00	4		91.67-1	53	5.75	96.00	4		95.83-1
4	5.75	96.00	4		95.83-1	54	5.75	96.00	4		91.67-1
5	5.75	96.00	4		91.67-1	55	5.75	96.25	4		91.90-1
6	5.75	96.00	4		91.67-1	56	5.75	96.25	4		85.35-1
7	5.75	96.00	4		91.67-1	57	5.75	96.25	4		96.08-1
8	5.75	96.00	4		95.83-1	58	5.75	96.50	4		96.33-1
9	5.75	96.00	4		95.83-1	59	5.75	96.50	4		96.33-1
10	5.75	96.00	4		95.83-1	60	5.75	96.50	4		96.33-1
11	5.75	96.00	4		89.85-1	61	5.75	96.50	4		96.33-1
12	5.75	96.00	4		91.67-1	62	5.75	96.50	4		96.33-1
13	5.75	96.00	4		95.83-1	63	5.75	96.50	4		83.85-1
14	5.75	96.00	4		95.83-1	64	5.75	96.50	4		83.77-1
15	5.75	96.00	4		92.58-1	65	5.75	96.50	4		89.10-1
16	5.75	96.00	4		95.83-1	66	5.75	96.75	4		96.58-1
17	5.75	96.00	4		91.67-1	67	5.75	96.75	4		96.58-1
18	5.75	96.00	4		95.83-1	68	5.75	96.75	4		84.98-1
19	5.75	96.00	4		83.33-1	69	5.75	96.75	4		92.38-1
20	5.75	96.00	4		95.83-1	70	5.75	96.75	4		96.58-1
21	5.75	96.00	4		95.83-1	71	5.75	96.75	4		96.58-1
22	5.75	96.00	4		91.83-1	72	5.75	97.00	4		96.83-1
23	5.75	96.00	4		95.83-1	73	5.75	97.00	4		96.83-1
24	5.75	96.00	4		95.83-1	74	5.75	105.50	4		93.33-1
25	5.75	96.00	4		92.33-1	75	5.75	107.00	4		94.54-1
26	5.75	96.00	4		95.83-1	76	5.75	108.50	4		103.60-1
27	5.75	96.00	4		95.83-1	77	5.75	108.50	4		98.90-1
28	5.75	96.00	4		86.10-1	78	5.75	111.25	4		96.56-1
29	5.75	96.00	4		95.83-1	79	5.75	120.75	5		89.85-1
30	5.75	96.00	4		95.83-1	80	5.75	121.00	5		96.63-1
31	5.75	96.00	4		83.33-1	81	5.75	121.00	5		84.03-1
32	5.75	96.00	4		91.67-1	82	5.75	121.75	5		88.85-1
33	5.75	96.00	4		87.35-1	83	5.75	123.50	5		88.42-1
34	5.75	96.00	4		95.83-1	84	5.75	128.50	5		83.95-1
35	5.75	96.00	4		95.83-1	85	5.75	132.00	5		96.03-1
36	5.75	96.00	4		95.83-1	86	5.75	132.25	5		93.03-1
37	5.75	96.00	4		95.83-1	87	5.75	133.25	5		101.78-1
38	5.75	96.00	4		95.83-1	88	5.75	134.50	5		94.63-1
39	5.75	96.00	4		95.83-1	89	5.75	135.00	5		102.82-1
40	5.75	96.00	4		86.17-1	90	5.75	144.00	6		95.83-1
41	5.75	96.00	4		95.83-1	91	5.75	144.75	6		95.50-1
42	5.75	96.00	4		91.67-1	92	5.75	144.75	6		86.58-1
43	5.75	96.00	4		95.83-1	93	5.75	145.00	6		92.31-1
44	5.75	96.00	4		95.83-1	94	5.75	145.00	6		96.50-1
45	5.75	96.00	4		95.83-1	95	5.75	145.00	6		95.67-2
46	5.75	96.00	4		95.83-1	96	5.75	145.00	6		94.35-2
47	5.75	96.00	4		89.52-1	97	5.75	145.00	6		96.50-1
48	5.75	96.00	4		86.35-1	98	5.75	145.00	6		96.50-1
49	5.75	96.00	4		91.67-1	99	5.75	145.00	6		88.00-1
50	5.75	96.00	4		91.67-1	100	5.75	145.00	6		96.50-1

Continued

Table 11.—Board information report for FAS lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
101	5.75	145.00	6		96.50-1	151	6.00	120.00	5		89.17-1
102	5.75	145.00	6		85.68-1	152	6.00	120.50	5		87.05-1
103	5.75	145.00	6		92.31-1	153	6.00	120.50	5		92.92-1
104	5.75	145.00	6		83.92-1	154	6.00	120.75	5		83.85-1
105	5.75	145.25	6		96.67-1	155	6.00	120.75	5		84.77-1
106	5.75	145.25	6		92.46-1	156	6.00	120.75	5		93.75-1
107	5.75	168.50	7		84.17-1	157	6.00	121.00	5		94.38-1
108	5.75	180.25	7		83.99-1	158	6.00	121.00	5		97.08-1
109	5.75	180.50	7		93.24-2	159	6.00	121.00	5		84.45-1
110	5.75	192.25	8		96.23-3	160	6.00	121.00	5		91.83-1
111	5.75	192.50	8		85.39-2	161	6.00	121.00	5		84.60-1
112	5.75	192.50	8		86.70-2	162	6.00	121.00	5		100.83-1
113	5.75	192.75	8		94.71-1	163	6.00	121.00	5		100.83-1
114	5.75	192.75	8		92.02-1	164	6.00	121.25	5		96.83-1
115	5.75	192.75	8		96.61-3	165	6.00	121.50	5		84.65-1
116	5.75	192.75	8		89.70-2	166	6.00	131.25	5		109.38-1
117	5.75	192.75	8		91.31-2	167	6.00	132.50	5/6	FAS	110.42-1
118	5.75	192.75	8		94.53-3	168	6.00	134.00	5/6	FAS	111.67-1
119	5.75	192.75	8		84.15-2	169	6.00	144.00	6		83.33-1
120	5.75	192.75	8		93.78-2	170	6.00	144.50	6		91.35-1
121	5.75	192.75	8		88.97-1	171	6.00	144.50	6		97.40-2
122	5.75	192.75	8		94.18-2	172	6.00	144.75	6		98.61-2
123	5.75	192.75	8		89.72-2	173	6.00	145.00	6		100.69-1
124	5.75	192.75	8		96.21-1	174	6.00	145.00	6		100.69-1
125	5.75	192.75	8		92.66-2	175	6.00	145.00	6		100.69-1
126	5.75	192.75	8		96.21-1	176	6.00	145.00	6		93.03-2
127	6.00	96.00	4		100.00-1	177	6.00	145.00	6		95.32-2
128	6.00	96.00	4		88.29-1	178	6.00	145.00	6		98.18-2
129	6.00	96.00	4		100.00-1	179	6.00	145.00	6		100.69-1
130	6.00	96.00	4		100.00-1	180	6.00	145.00	6		97.57-2
131	6.00	96.00	4		95.83-1	181	6.00	145.00	6		96.50-1
132	6.00	96.00	4		95.83-1	182	6.00	145.00	6		93.75-2
133	6.00	96.00	4		95.83-1	183	6.00	145.00	6		96.47-2
134	6.00	96.00	4		95.83-1	184	6.00	145.25	6		100.88-1
135	6.00	96.00	4		83.33-1	185	6.00	145.25	6		94.79-2
136	6.00	96.00	4		89.33-1	186	6.00	168.50	7		93.14-2
137	6.00	96.00	4		95.83-1	187	6.00	168.75	7		91.80-2
138	6.00	96.00	4		100.00-1	188	6.00	168.75	7		98.04-2
139	6.00	96.50	4		86.65-1	189	6.00	191.25	7/8	FAS	98.25-2
140	6.00	96.50	4		100.52-1	190	6.00	192.00	8		100.00-1
141	6.00	96.75	4		88.19-1	191	6.00	192.00	8		93.75-3
142	6.00	96.75	4		88.19-1	192	6.00	192.25	8		99.48-2
143	6.00	108.50	4/5	FAS	108.31-1	193	6.00	192.50	8		98.96-3
144	6.00	108.50	4/5	F1F	93.42-1	194	6.00	192.50	8		88.80-2
145	6.00	108.75	4/5	F1F	88.60-1	195	6.00	192.50	8		93.89-3
146	6.00	109.50	4/5	1C	100.08-1	196	6.00	192.75	8		98.44-2
147	6.00	111.00	4/5	F1F	102.81-1	197	6.00	192.75	8		97.95-2
148	6.00	119.00	4/5	FAS	106.25-1	198	6.00	192.75	8		91.73-3
149	6.00	119.25	4/5	FAS	107.04-1	199	6.00	192.75	8		91.00-2
150	6.00	120.00	5		93.33-1	200	6.00	192.75	8		97.53-2

Continued

Table 11.—Board information report for FAS lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
201	6.00	192.75	8		94.83-2	251	6.50	192.50	9		87.03-2
202	6.00	192.75	8		96.21-1	252	6.50	192.50	9		90.41-2
203	6.00	192.75	8		100.40-1	253	6.50	192.75	9		94.36-2
204	6.00	192.75	8		93.36-2	254	6.75	96.00	4/5	1C	100.00-1
205	6.00	192.75	8		98.31-2	255	6.75	96.75	4/5	FAS	105.48-1
206	6.00	192.75	8		94.15-3	256	6.75	109.50	5		87.23-1
207	6.00	192.75	8		92.06-3	257	6.75	120.75	6		84.07-1
208	6.00	192.75	8		99.09-3	258	6.75	134.75	6		104.58-2
209	6.00	192.75	8		87.09-2	259	6.75	144.75	7		94.58-2
210	6.00	197.00	8		102.60-1	260	6.75	145.00	7		92.00-2
211	6.25	96.00	4		104.17-1	261	6.75	168.50	8		97.56-2
212	6.25	96.00	4		104.17-1	262	6.75	181.00	8		88.04-2
213	6.25	96.00	4		104.17-1	263	6.75	192.25	9		87.97-2
214	6.25	96.25	4		100.27-1	264	6.75	192.50	9		93.31-3
215	6.25	96.75	4		104.98-1	265	6.75	192.75	9		90.14-2
216	6.25	108.50	5		91.15-1	266	6.75	192.75	9		95.37-3
217	6.25	120.75	5		95.27-1	267	7.00	96.00	5		90.00-1
218	6.25	121.00	5		88.45-1	268	7.00	96.00	5		90.00-1
219	6.25	121.00	5		85.32-1	269	7.00	96.00	5		85.32-1
220	6.25	136.75	6		98.92-1	270	7.00	96.25	5		83.55-1
221	6.25	144.50	6		102.46-2	271	7.00	96.75	5		94.07-1
222	6.25	144.50	6		94.29-2	272	7.00	105.25	5		84.58-1
223	6.25	144.75	6		107.17-2	273	7.00	109.00	5		85.72-1
224	6.25	145.00	6		85.99-1	274	7.00	112.00	5		93.43-1
225	6.25	145.00	6		101.42-2	275	7.00	120.25	6		95.79-2
226	6.25	145.00	6		99.68-2	276	7.00	121.00	6		97.25-2
227	6.25	145.00	6		98.79-2	277	7.00	132.75	6		99.61-2
228	6.25	145.00	6		99.42-2	278	7.00	144.00	7		92.49-2
229	6.25	145.25	6		101.60-2	279	7.00	145.00	7		93.50-2
230	6.25	145.50	6		96.49-2	280	7.00	145.00	7		97.42-2
231	6.25	168.25	7		98.67-2	281	7.00	145.00	7		96.08-2
232	6.25	168.75	7		95.24-2	282	7.00	168.00	8		96.42-2
233	6.25	168.75	7		93.40-2	283	7.00	168.50	8		96.43-3
234	6.25	192.00	8		86.85-2	284	7.00	168.50	8		87.19-2
235	6.25	192.50	8		101.01-3	285	7.00	168.75	8		87.57-2
236	6.25	192.50	8		99.69-2	286	7.00	192.50	9		91.87-2
237	6.25	192.75	8		93.47-3	287	7.00	192.50	9		89.43-2
238	6.50	96.00	4		91.67-1	288	7.00	192.50	9		96.97-3
239	6.50	96.00	4		95.83-1	289	7.00	192.75	9		96.92-3
240	6.50	96.75	4		88.10-1	290	7.00	192.75	9		88.78-2
241	6.50	120.00	5		85.55-1	291	7.00	192.75	9		95.60-3
242	6.50	121.00	5		96.63-1	292	7.00	192.75	9		101.94-2
243	6.50	137.50	6		85.60-1	293	7.25	96.00	5		85.58-1
244	6.50	144.75	6/7	F1F	100.78-2	294	7.25	96.00	5		93.33-1
245	6.50	145.00	6/7	FAS	108.33-2	295	7.25	96.00	5		96.67-1
246	6.50	145.00	6/7	1C	93.35-2	296	7.25	96.00	5		93.33-1
247	6.50	145.00	6/7	F1F	103.42-2	297	7.25	96.00	5		96.67-1
248	6.50	168.50	8		87.65-2	298	7.25	96.75	5		94.07-1
249	6.50	192.00	9		94.10-2	299	7.25	108.50	5		97.95-1
250	6.50	192.00	9		88.89-2	300	7.25	109.00	5		94.62-1

Continued

Table 11.—Board information report for FAS lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
301	7.25	109.00	5		87.02-1	351	7.75	120.75	6		96.99-2
302	7.25	120.00	6		93.75-2	352	7.75	121.00	6		101.53-1
303	7.25	120.50	6		93.54-2	353	7.75	121.00	6		96.29-2
304	7.25	120.75	6		87.35-1	354	7.75	145.00	8		94.58-2
305	7.25	120.75	6		95.94-2	355	7.75	156.50	8		101.95-2
306	7.25	121.00	6		94.58-2	356	7.75	168.50	9		93.62-3
307	7.25	144.00	7		94.05-2	357	7.75	192.50	10		91.75-2
308	7.25	144.00	7		102.83-2	358	8.00	96.00	5		103.33-1
309	7.25	144.25	7		100.18-1	359	8.00	96.00	5		84.85-1
310	7.25	144.50	7		92.90-2	360	8.00	96.50	5		95.83-1
311	7.25	144.50	7		94.15-2	361	8.00	96.75	5		89.45-1
312	7.25	144.75	7		99.04-2	362	8.00	120.50	7		88.04-1
313	7.25	144.75	7		103.93-2	363	8.00	120.75	7		86.85-1
314	7.25	145.00	7		101.77-2	364	8.00	120.75	7		87.26-1
315	7.25	145.00	7		96.85-2	365	8.00	121.00	7		92.01-2
316	7.25	168.00	8		92.97-2	366	8.00	132.75	7		100.69-2
317	7.25	168.25	8		93.68-3	367	8.00	144.50	8		92.02-2
318	7.25	168.50	8		84.15-2	368	8.00	144.75	8		87.14-2
319	7.50	96.00	5		88.55-1	369	8.00	145.00	8		89.76-2
320	7.50	96.00	5		96.67-1	370	8.00	145.50	8		99.43-2
321	7.50	96.00	5		100.00-1	371	8.00	168.50	9		94.39-2
322	7.50	96.25	5		90.23-1	372	8.00	168.75	9		86.27-2
323	7.50	112.25	6		92.93-2	373	8.00	192.00	11		93.86-3
324	7.50	120.00	6		97.22-2	374	8.00	192.25	11		83.64-2
325	7.50	121.00	6		84.07-1	375	8.00	192.25	11		85.73-2
326	7.50	121.00	6		96.21-2	376	8.00	192.50	11		96.27-2
327	7.50	142.75	7		94.93-2	377	8.00	192.50	11		87.39-2
328	7.50	144.00	7/8	FAS	99.11-2	378	8.00	192.50	11		96.27-2
329	7.50	144.50	7/8	FAS	101.56-2	379	8.00	192.50	11		86.09-2
330	7.50	144.50	7/8	1C	92.62-2	380	8.00	192.75	11		87.05-2
331	7.50	145.00	7/8	FAS	98.30-2	381	8.25	96.00	5/6	FAS	110.00-1
332	7.50	145.00	7/8	F1F	94.12-2	382	8.25	96.00	5/6	F1F	91.67-1
333	7.50	145.00	7/8	FAS	96.05-2	383	8.25	96.50	5/6	FAS	110.57-1
334	7.50	168.00	9		92.43-2	384	8.25	108.75	6		98.76-2
335	7.50	176.50	9		90.33-2	385	8.25	120.25	7		88.42-1
336	7.50	192.00	10		90.81-2	386	8.25	120.25	7		90.08-1
337	7.50	192.75	10		94.26-3	387	8.25	120.50	7		97.81-2
338	7.50	192.75	10		84.31-2	388	8.25	121.00	7		99.04-1
339	7.50	192.75	10		85.97-2	389	8.25	133.00	8		83.89-2
340	7.75	96.00	5		91.40-1	390	8.25	135.00	8		86.68-2
341	7.75	96.00	5		86.67-1	391	8.25	144.50	8		83.52-2
342	7.75	96.00	5		100.00-1	392	8.25	144.50	8		101.76-2
343	7.75	96.00	5		103.33-1	393	8.25	144.50	8		95.91-2
344	7.75	96.50	5		103.87-1	394	8.25	144.75	8		94.25-3
345	7.75	96.50	5		83.77-1	395	8.25	144.75	8		95.85-2
346	7.75	96.75	5		83.98-1	396	8.25	144.75	8		101.51-2
347	7.75	108.75	6		92.83-2	397	8.25	144.75	8		94.77-2
348	7.75	120.00	6		97.97-2	398	8.25	144.75	8		94.85-3
349	7.75	120.00	6		100.69-2	399	8.25	168.50	10		83.47-2
350	7.75	120.50	6		99.74-2	400	8.25	181.50	10		87.53-2

Continued

Table 11.—Board information report for FAS lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
401	8.25	192.75	11		98.87-3	451	9.00	144.75	9		94.86-2
402	8.50	96.00	6		92.97-2	452	9.00	144.75	9		90.90-2
403	8.50	96.00	6		94.44-1	453	9.00	145.00	9		87.48-2
404	8.50	96.00	6		91.67-1	454	9.00	145.00	9		95.53-2
405	8.50	96.00	6		83.88-1	455	9.00	145.00	9		97.97-2
406	8.50	108.50	6		102.49-2	456	9.00	145.00	9		97.90-2
407	8.50	120.00	7		84.15-1	457	9.00	145.00	9		95.55-3
408	8.50	121.00	7		86.70-1	458	9.00	168.50	10/11	F1F	90.77-2
409	8.50	144.75	8/9	FAS	104.02-3	459	9.00	168.50	10/11	F1F	92.24-3
410	8.50	144.75	8/9	FAS	99.67-3	460	9.00	169.00	10/11	FAS	95.97-3
411	8.50	168.50	10		98.46-2	461	9.00	185.00	11		92.36-3
412	8.50	168.50	10		95.44-3	462	9.00	192.50	12		90.04-3
413	8.50	168.75	10		97.82-2	463	9.00	192.75	12		97.76-2
414	8.50	192.50	11		96.33-3	464	9.25	96.00	6		98.10-2
415	8.50	192.75	11		97.02-2	465	9.25	96.00	6		101.97-2
416	8.50	192.75	11		102.48-3	466	9.25	96.50	6		103.32-1
417	8.75	96.00	6		97.22-1	467	9.25	96.50	6		103.32-1
418	8.75	96.25	6		93.56-2	468	9.25	96.50	6		91.97-2
419	8.75	120.00	7		98.21-1	469	9.25	144.00	9		99.66-2
420	8.75	120.75	7		94.35-2	470	9.25	144.75	9		92.62-3
421	8.75	120.75	7		95.12-2	471	9.25	144.75	9		96.09-3
422	8.75	120.75	7		97.65-2	472	9.25	144.75	9		84.90-2
423	8.75	121.50	7		95.05-2	473	9.25	145.00	9		102.59-3
424	8.75	134.00	8		100.28-2	474	9.25	156.75	10		96.75-3
425	8.75	143.00	8		98.68-3	475	9.25	168.50	11		96.83-3
426	8.75	144.50	9		92.45-2	476	9.25	168.75	11		95.69-3
427	8.75	144.75	9		97.73-1	477	9.25	180.50	12		96.56-3
428	8.75	144.75	9		91.96-2	478	9.25	192.50	12		99.43-2
429	8.75	145.00	9		92.79-2	479	9.25	192.50	12		98.62-4
430	8.75	145.00	9		89.48-2	480	9.25	192.50	12		97.60-3
431	8.75	192.50	12		91.35-3	481	9.25	192.50	12		93.36-3
432	8.75	192.50	12		90.28-3	482	9.25	192.75	12		100.97-3
433	8.75	192.75	12		86.69-2	483	9.25	192.75	12		102.08-2
434	8.75	192.75	12		93.51-3	484	9.25	192.75	12		96.65-4
435	9.00	96.00	6		92.51-2	485	9.25	192.75	12		95.41-4
436	9.00	96.00	6		100.00-1	486	9.25	192.75	12		101.58-2
437	9.00	96.50	6		100.00-2	487	9.25	192.75	12		98.48-2
438	9.00	96.75	6		96.88-2	488	9.25	192.75	12		102.31-3
439	9.00	96.75	6		100.26-2	489	9.25	192.75	12		96.03-4
440	9.00	120.00	7/8	1C	97.10-2	490	9.25	192.75	12		103.18-1
441	9.00	120.25	7/8	FAS	95.45-2	491	9.25	192.75	12		98.58-3
442	9.00	120.50	7/8	FAS	101.94-2	492	9.25	192.75	12		102.29-4
443	9.00	120.75	7/8	FAS	97.35-2	493	9.25	193.00	12		103.31-1
444	9.00	120.75	7/8	F1F	95.10-2	494	9.25	193.00	12		103.31-1
445	9.00	120.75	7/8	F1F	100.00-2	495	9.50	96.00	6		105.56-1
446	9.00	121.00	7/8	FAS	107.14-2	496	9.50	96.00	6		105.56-1
447	9.00	121.00	7/8	F1F	93.39-2	497	9.50	96.00	6		92.93-2
448	9.00	135.00	8		96.59-3	498	9.50	96.00	6		103.90-2
449	9.00	144.00	9		87.09-2	499	9.50	96.00	6		103.24-2
450	9.00	144.25	9		97.34-3	500	9.50	96.00	6		98.97-2

Continued

Table 11.—Board information report for FAS lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
501	9.50	96.00	6		104.49-2	551	10.00	120.75	8		93.06-3
502	9.50	96.25	6		105.83-1	552	10.00	144.50	10		91.88-2
503	9.50	96.50	6		106.11-1	553	10.00	145.00	10		87.47-2
504	9.50	96.50	6		105.83-2	554	10.00	168.50	12		94.39-3
505	9.50	96.50	6		99.60-2	555	10.00	168.50	12		86.12-3
506	9.50	96.75	6		106.37-1	556	10.00	192.00	13		94.73-3
507	9.50	96.75	6		106.37-1	557	10.00	192.00	13		102.56-2
508	9.50	108.50	7		83.42-1	558	10.00	192.25	13		90.56-3
509	9.50	108.75	7		97.10-1	559	10.00	192.25	13		97.47-3
510	9.50	108.75	7		91.70-1	560	10.00	192.50	13		89.76-3
511	9.50	120.50	8		86.24-2	561	10.00	192.50	13		99.77-2
512	9.50	120.75	8		95.67-2	562	10.00	192.75	13		86.19-3
513	9.50	133.50	9		90.58-2	563	10.25	96.25	7		93.10-1
514	9.50	144.00	9/10	1C	84.32-2	564	10.25	108.00	8		84.28-2
515	9.50	144.25	9/10	F1F	92.14-2	565	10.25	144.75	10		99.48-3
516	9.50	144.25	9/10	FAS	103.43-2	566	10.25	168.25	12		89.04-3
517	9.50	144.50	9/10	F1F	93.57-3	567	10.25	168.50	12		85.42-3
518	9.50	144.75	9/10	1C	88.30-2	568	10.25	168.75	12		87.02-3
519	9.50	145.00	9/10	FAS	97.19-3	569	10.25	168.75	12		84.79-3
520	9.50	145.00	9/10	FAS	102.69-2	570	10.50	120.25	9		83.81-2
521	9.50	145.00	9/10	FAS	102.33-2	571	10.50	144.00	10/11	FAS	103.96-2
522	9.50	168.00	11		99.70-2	572	10.50	144.25	10/11	FAS	97.43-2
523	9.50	168.00	11		85.52-2	573	10.50	144.25	10/11	F1F	90.11-2
524	9.50	192.25	13		95.90-3	574	10.50	144.75	10/11	F1F	87.67-2
525	9.50	192.50	13		89.44-3	575	10.50	144.75	10/11	FAS	97.47-3
526	9.50	192.50	13		85.59-3	576	10.50	145.00	10/11	FAS	103.80-3
527	9.50	192.75	13		83.85-3	577	10.50	168.00	12		98.76-4
528	9.50	192.75	13		95.17-2	578	10.50	168.50	12		98.23-4
529	9.50	192.75	13		95.01-3	579	10.50	192.50	14		95.05-3
530	9.50	192.75	13		94.37-4	580	10.50	192.75	14		88.27-3
531	9.50	192.75	13		91.65-2	581	10.75	119.25	8		99.54-3
532	9.75	96.75	6/7	F1F	103.04-2	582	10.75	144.50	11		87.55-2
533	9.75	117.25	7		100.06-2	583	10.75	144.75	11		93.92-3
534	9.75	120.75	8		102.20-1	584	10.75	144.75	11		85.27-2
535	9.75	120.75	8		93.84-3	585	10.75	168.25	13		95.31-2
536	9.75	120.75	8		89.20-2	586	10.75	168.25	13		90.41-3
537	9.75	143.25	9		95.21-3	587	10.75	192.50	14		99.99-4
538	9.75	144.25	10		92.11-3	588	10.75	192.75	14		93.52-3
539	9.75	144.50	10		90.07-2	589	10.75	192.75	14		97.06-3
540	9.75	144.75	10		88.63-2	590	11.00	96.50	7		102.31-2
541	9.75	168.50	11		95.51-3	591	11.00	142.75	10		83.86-2
542	9.75	184.75	12		95.01-3	592	11.00	144.25	11		94.61-3
543	9.75	186.00	12		100.61-2	593	11.00	144.75	11		93.73-2
544	9.75	192.50	13		98.66-2	594	11.00	144.75	11		98.23-3
545	9.75	192.75	13		84.15-3	595	11.00	145.00	11		93.02-3
546	10.00	96.00	7		93.01-2	596	11.00	167.00	12		96.92-2
547	10.00	109.00	7/8	FAS	102.33-2	597	11.00	168.25	13		92.12-3
548	10.00	120.00	8		95.05-3	598	11.00	192.50	15		95.40-3
549	10.00	120.75	8		87.85-2	599	11.00	192.50	15		90.21-3
550	10.00	120.75	8		100.92-2	600	11.00	192.75	15		90.00-3

Continued

Table 11.—Board information report for FAS lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
601	11.00	192.75	15		89.98-3	651	13.00	192.75	17		97.46-3
602	11.00	192.75	15		88.12-3	652	13.00	192.75	17		97.69-3
603	11.25	120.50	9		98.64-3	653	13.00	192.75	17		90.70-3
604	11.25	121.00	9		85.70-2	654	13.00	192.75	17		95.62-4
605	11.25	132.50	10		101.07-2						
606	11.25	145.00	11		94.71-3						
607	11.25	145.00	11		97.34-2						
608	11.25	145.00	11		101.39-3						
609	11.25	168.00	13		90.71-3						
610	11.25	192.75	15		96.68-3						
611	11.50	120.75	10		89.14-2						
612	11.50	132.75	11		92.84-3						
613	11.50	144.00	11/12	FAS	92.95-3						
614	11.50	168.00	13		91.35-3						
615	11.50	168.50	13		91.68-4						
616	11.50	192.00	15		84.32-3						
617	11.50	192.75	15		94.09-3						
618	11.75	120.75	10		98.32-2						
619	11.75	167.25	13		99.82-4						
620	11.75	169.25	14		93.57-2						
621	11.75	192.25	16		86.60-4						
622	12.00	96.00	8		100.00-1						
623	12.00	96.00	8		100.00-1						
624	12.00	96.00	8		97.92-1						
625	12.00	96.75	8		100.78-1						
626	12.00	145.00	12		95.99-3						
627	12.00	192.50	16		94.60-4						
628	12.00	192.75	16		90.23-4						
629	12.25	121.00	10		93.73-3						
630	12.25	168.50	14		93.32-3						
631	12.25	192.50	16		97.28-3						
632	12.25	192.75	16		95.83-3						
633	12.50	116.25	9		104.29-3						
634	12.50	145.00	12/13	FAS	97.42-3						
635	12.75	144.50	13		95.23-3						
636	12.75	144.75	13		83.65-3						
637	12.75	145.00	13		92.14-4						
638	12.75	192.50	17		91.03-4						
639	12.75	192.50	17		86.01-4						
640	13.00	96.00	9		94.77-3						
641	13.00	96.00	9		96.30-1						
642	13.00	96.00	9		96.30-1						
643	13.00	96.00	9		96.30-1						
644	13.00	96.25	9		92.83-2						
645	13.00	133.50	12		97.82-3						
646	13.00	145.00	13		98.26-3						
647	13.00	192.50	17		99.77-4						
648	13.00	192.50	17		95.88-3						
649	13.00	192.75	17		89.28-4						
650	13.00	192.75	17		101.39-3						

Table 12.—Board information report for F1F lumber

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade
655	5.75	96.00	4		705	5.75	192.50	8	
656	5.75	96.00	4		706	5.75	192.50	8	
657	5.75	96.00	4		707	5.75	192.75	8	
658	5.75	96.00	4		708	5.75	192.75	8	
659	5.75	96.00	4		709	5.75	192.75	8	
660	5.75	96.00	4		710	5.75	192.75	8	
661	5.75	96.00	4		711	5.75	192.75	8	
662	5.75	96.00	4		712	5.75	192.75	8	
663	5.75	96.00	4		713	5.75	192.75	8	
664	5.75	96.00	4		714	5.75	192.75	8	
665	5.75	96.00	4		715	5.75	192.75	8	
666	5.75	96.00	4		716	5.75	192.75	8	
667	5.75	96.00	4		717	5.75	192.75	8	
668	5.75	96.00	4		718	5.75	192.75	8	
669	5.75	96.00	4		719	5.75	192.75	8	
670	5.75	96.00	4		720	5.75	192.75	8	
671	5.75	96.00	4		721	5.75	192.75	8	
672	5.75	96.00	4		722	5.75	193.00	8	
673	5.75	96.00	4		723	5.75	193.00	8	
674	5.75	96.00	4		724	5.75	193.00	8	
675	5.75	96.00	4		725	6.00	96.00	4	
676	5.75	96.00	4		726	6.00	96.00	4	
677	5.75	96.50	4		727	6.00	96.00	4	
678	5.75	97.00	4		728	6.00	96.00	4	
679	5.75	121.00	5		729	6.00	96.00	4	
680	5.75	121.00	5		730	6.00	96.00	4	
681	5.75	121.00	5		731	6.00	96.00	4	
682	5.75	121.00	5		732	6.00	96.50	4	
683	5.75	132.25	5		733	6.00	108.50	4/5	1C
684	5.75	132.50	5		734	6.00	108.75	4/5	1C
685	5.75	133.00	5		735	6.00	118.50	4/5	1C
686	5.75	133.25	5		736	6.00	120.00	5	
687	5.75	144.25	6		737	6.00	120.50	5	
688	5.75	144.75	6		738	6.00	120.50	5	
689	5.75	144.75	6		739	6.00	120.75	5	
690	5.75	144.75	6		740	6.00	120.75	5	
691	5.75	145.00	6		741	6.00	120.75	5	
692	5.75	145.00	6		742	6.00	120.75	5	
693	5.75	145.00	6		743	6.00	120.75	5	
694	5.75	145.00	6		744	6.00	121.00	5	
695	5.75	145.00	6		745	6.00	121.00	5	
696	5.75	145.00	6		746	6.00	121.00	5	
697	5.75	145.00	6		747	6.00	121.00	5	
698	5.75	145.00	6		748	6.00	121.00	5	
699	5.75	145.00	6		749	6.00	121.00	5	
700	5.75	145.00	6		750	6.00	121.00	5	
701	5.75	145.50	6		751	6.00	121.00	5	
702	5.75	180.50	7		752	6.00	121.00	5	
703	5.75	181.50	7		753	6.00	121.00	5	
704	5.75	182.00	7		754	6.00	135.25	5/6	1C

Continued

Table 12.—Board information report for F1F lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade
755	6.00	144.75	6		805	6.75	145.00	7	
756	6.00	145.00	6		806	6.75	145.00	7	
757	6.00	145.00	6		807	6.75	146.00	7	
758	6.00	145.00	6		808	6.75	168.00	8	
759	6.00	145.00	6		809	6.75	168.50	8	
760	6.00	145.00	6		810	6.75	168.75	8	
761	6.00	147.50	6		811	6.75	192.50	9	
762	6.00	168.50	7		812	6.75	192.75	9	
763	6.00	168.50	7		813	6.75	192.75	9	
764	6.00	190.00	7/8	F1F	814	6.75	193.25	9	
765	6.00	191.00	7/8	F1F	815	7.00	96.00	5	
766	6.00	192.50	8		816	7.00	96.00	5	
767	6.00	192.50	8		817	7.00	96.00	5	
768	6.00	192.50	8		818	7.00	96.00	5	
769	6.00	192.75	8		819	7.00	97.00	5	
770	6.00	192.75	8		820	7.00	120.00	6	
771	6.00	192.75	8		821	7.00	120.00	6	
772	6.25	108.50	5		822	7.00	120.50	6	
773	6.25	110.00	5		823	7.00	120.75	6	
774	6.25	120.00	5		824	7.00	120.75	6	
775	6.25	120.50	5		825	7.00	121.00	6	
776	6.25	120.75	5		826	7.00	121.00	6	
777	6.25	168.50	7		827	7.00	121.25	6	
778	6.25	168.50	7		828	7.00	132.75	6	
779	6.25	192.50	8		829	7.00	144.25	7	
780	6.25	192.75	8		830	7.00	144.50	7	
781	6.50	96.00	4		831	7.00	144.75	7	
782	6.50	96.00	4		832	7.00	145.00	7	
783	6.50	120.75	5		833	7.00	145.00	7	
784	6.50	121.00	5		834	7.00	145.50	7	
785	6.50	121.00	5		835	7.00	145.50	7	
786	6.50	142.50	6		836	7.00	146.50	7	
787	6.50	144.00	6/7	1C	837	7.00	192.50	9	
788	6.50	144.75	6/7	1C	838	7.00	192.75	9	
789	6.50	144.75	6/7	1C	839	7.00	192.75	9	
790	6.50	145.00	6/7	1C	840	7.25	96.00	5	
791	6.50	145.00	6/7	1C	841	7.25	96.75	5	
792	6.50	168.75	8		842	7.25	120.00	6	
793	6.50	192.25	9		843	7.25	120.75	6	
794	6.50	192.50	9		844	7.25	132.75	7	
795	6.50	192.50	9		845	7.25	143.50	7	
796	6.75	96.25	4/5	1C	846	7.25	144.75	7	
797	6.75	97.00	4/5	1C	847	7.25	145.00	7	
798	6.75	121.00	6		848	7.25	145.50	7	
799	6.75	121.00	6		849	7.25	168.50	8	
800	6.75	121.25	6		850	7.25	192.00	10	
801	6.75	144.75	7		851	7.25	192.50	10	
802	6.75	145.00	7		852	7.25	192.75	10	
803	6.75	145.00	7		853	7.50	96.75	5	
804	6.75	145.00	7		854	7.50	96.75	5	

Continued

Table 12.—Board information report for F1F lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade
855	7.50	96.75	5		905	8.25	168.75	10	
856	7.50	110.50	6		906	8.25	192.75	11	
857	7.50	121.00	6		907	8.50	96.75	6	
858	7.50	121.00	6		908	8.50	121.00	7	
859	7.50	144.25	7/8	F1F	909	8.50	121.00	7	
860	7.50	144.50	7/8	F1F	910	8.50	132.75	8	
861	7.50	144.75	7/8	F1F	911	8.50	144.00	8/9	2AC
862	7.50	146.00	7/8	F1F	912	8.50	144.75	8/9	1C
863	7.50	168.25	9		913	8.50	145.00	8/9	F1F
864	7.50	169.25	9		914	8.50	168.50	10	
865	7.50	179.00	9		915	8.50	192.00	11	
866	7.50	192.75	10		916	8.50	192.25	11	
867	7.75	96.00	5		917	8.50	192.50	11	
868	7.75	96.75	5		918	8.50	192.75	11	
869	7.75	108.50	6		919	8.50	192.75	11	
870	7.75	120.75	6		920	8.75	96.00	6	
871	7.75	120.75	6		921	8.75	96.50	6	
872	7.75	144.75	8		922	8.75	96.75	6	
873	7.75	192.00	10		923	8.75	108.00	7	
874	8.00	96.00	5		924	8.75	120.75	7	
875	8.00	108.50	6		925	8.75	120.75	7	
876	8.00	108.50	6		926	8.75	130.25	7	
877	8.00	108.75	6		927	8.75	144.25	9	
878	8.00	118.00	6		928	8.75	144.75	9	
879	8.00	120.00	7		929	8.75	144.75	9	
880	8.00	120.00	7		930	8.75	145.00	9	
881	8.00	120.00	7		931	8.75	191.25	11	
882	8.00	120.75	7		932	9.00	96.00	6	
883	8.00	120.75	7		933	9.00	115.00	7	
884	8.00	120.75	7		934	9.00	144.75	9	
885	8.00	120.75	7		935	9.00	168.00	10/11	1C
886	8.00	134.50	7		936	9.00	192.25	12	
887	8.00	144.00	8		937	9.00	192.50	12	
888	8.00	144.25	8		938	9.00	192.75	12	
889	8.00	144.25	8		939	9.25	96.00	6	
890	8.00	144.50	8		940	9.25	96.00	6	
891	8.00	144.75	8		941	9.25	111.00	7	
892	8.00	144.75	8		942	9.25	119.25	7	
893	8.00	144.75	8		943	9.25	120.75	8	
894	8.00	144.75	8		944	9.25	121.00	8	
895	8.00	168.50	9		945	9.25	144.50	9	
896	8.00	168.75	9		946	9.25	144.75	9	
897	8.00	192.00	11		947	9.25	144.75	9	
898	8.00	192.75	11		948	9.25	145.00	9	
899	8.25	120.25	7		949	9.25	168.75	11	
900	8.25	121.00	7		950	9.25	168.75	11	
901	8.25	121.00	7		951	9.25	168.75	11	
902	8.25	144.75	8		952	9.25	192.25	12	
903	8.25	168.00	10		953	9.25	192.50	12	
904	8.25	168.75	10		954	9.50	96.00	6	

Continued

Table 12.—Board information report for F1F lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade
955	9.50	96.25	6	
956	9.50	120.50	8	
957	9.50	132.25	9	
958	9.50	144.50	9/10	1C
959	9.50	144.75	9/10	F1F
960	9.50	164.50	10	
961	9.50	168.75	11	
962	9.50	192.25	13	
963	9.50	192.50	13	
964	9.50	192.50	13	
965	9.50	192.50	13	
966	9.75	144.50	10	
967	9.75	168.00	11	
968	9.75	168.50	11	
969	9.75	193.75	13	
970	10.00	108.50	7/8	F1F
971	10.00	120.75	8	
972	10.00	121.00	8	
973	10.00	144.75	10	
974	10.00	168.50	12	
975	10.00	168.75	12	
976	10.00	192.25	13	
977	10.25	96.00	7	
978	10.25	120.75	9	
979	10.25	168.50	12	
980	10.25	192.75	14	
981	10.50	120.00	9	
982	10.50	120.50	9	
983	10.50	132.50	10	
984	10.50	192.50	14	
985	10.50	192.50	14	
986	10.50	192.50	14	
987	10.75	120.00	9	
988	10.75	145.00	11	
989	10.75	168.50	13	
990	11.00	96.00	7	
991	11.00	120.50	9	
992	11.00	121.00	9	
993	11.00	168.75	13	
994	11.25	97.50	7/8	F1F
995	11.25	120.75	9	
996	11.50	120.00	10	
997	11.50	120.75	10	
998	11.50	134.00	11	
999	11.75	168.50	14	
1000	12.00	120.75	10	
1001	12.00	132.25	11	
1002	12.00	145.50	12	
1003	12.25	120.50	10	
1004	12.75	192.50	17	

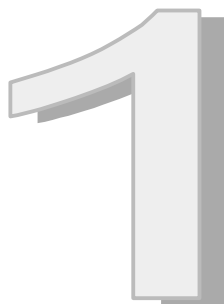


Table 13.—Board information report for Selects lumber

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade
1005	3.75	73.50	2		1055	4.00	121.50	3	
1006	3.75	73.50	2		1056	4.00	121.75	3	
1007	3.75	73.75	2		1057	4.00	121.75	3	
1008	3.75	93.00	2		1058	4.00	144.25	4	
1009	3.75	97.00	2/3	Selects	1059	4.00	144.50	4	
1010	3.75	97.25	2/3	Selects	1060	4.00	148.50	4	
1011	3.75	97.25	2/3	Selects	1061	4.25	73.00	2	
1012	3.75	97.50	2/3	2AC	1062	4.25	85.00	2	
1013	3.75	97.50	2/3	Selects	1063	4.25	85.00	2	
1014	3.75	97.50	2/3	Selects	1064	4.25	92.50	2	
1015	3.75	97.50	2/3	2AC	1065	4.25	97.50	3	
1016	3.75	97.50	2/3	1C	1066	4.25	123.25	4	
1017	3.75	97.50	2/3	1C	1067	4.25	149.25	4	
1018	3.75	97.50	2/3	2AC	1068	4.25	174.00	5	
1019	3.75	97.75	2/3	Selects	1069	4.50	72.75	2	
1020	3.75	98.00	2/3	2AC	1070	4.50	72.75	2	
1021	3.75	98.50	2/3	2AC	1071	4.50	73.75	2	
1022	3.75	98.50	2/3	Selects	1072	4.50	74.75	2	
1023	3.75	98.75	2/3	Selects	1073	4.50	76.50	2	
1024	3.75	100.75	2/3	1C	1074	4.50	96.25	3	
1025	3.75	120.50	3		1075	4.50	96.25	3	
1026	3.75	120.75	3		1076	4.50	96.50	3	
1027	3.75	120.75	3		1077	4.50	97.00	3	
1028	3.75	120.75	3		1078	4.50	97.75	3	
1029	3.75	121.00	3		1079	4.50	108.50	3	
1030	3.75	121.25	3		1080	4.50	110.50	3	
1031	3.75	121.25	3		1081	4.50	120.75	4	
1032	3.75	133.00	3		1082	4.50	121.25	4	
1033	3.75	143.50	3		1083	4.50	122.50	4	
1034	3.75	145.25	4		1084	4.50	125.00	4	
1035	3.75	145.25	4		1085	4.50	125.25	4	
1036	3.75	147.25	4		1086	4.50	126.00	4	
1037	4.00	72.75	2		1087	4.50	126.25	4	
1038	4.00	72.75	2		1088	4.50	128.75	4	
1039	4.00	73.75	2		1089	4.50	144.50	4/5	1C
1040	4.00	73.75	2		1090	4.50	144.50	4/5	1C
1041	4.00	85.50	2		1091	4.50	145.25	4/5	1C
1042	4.00	91.75	2		1092	4.50	146.75	4/5	1C
1043	4.00	96.00	3		1093	4.75	72.75	2	
1044	4.00	96.00	3		1094	4.75	73.00	2	
1045	4.00	96.75	3		1095	4.75	73.75	2	
1046	4.00	97.00	3		1096	4.75	74.75	2	
1047	4.00	97.25	3		1097	4.75	95.00	3	
1048	4.00	97.50	3		1098	4.75	96.25	3	
1049	4.00	97.50	3		1099	4.75	97.75	3	
1050	4.00	98.00	3		1100	4.75	120.25	4	
1051	4.00	98.25	3		1101	4.75	120.75	4	
1052	4.00	105.25	3		1102	4.75	127.00	4	
1053	4.00	108.75	3		1103	4.75	128.00	4	
1054	4.00	119.50	3		1104	4.75	130.75	4	

Continued

Table 13.—Board information report for Selects lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade
1105	4.75	133.00	4		1155	5.50	96.00	4	
1106	5.00	72.75	2/3	2AC	1156	5.50	96.00	4	
1107	5.00	73.75	2/3	2AC	1157	5.50	96.00	4	
1108	5.00	75.00	2/3	2AC	1158	5.50	96.00	4	
1109	5.00	78.25	2/3	1C	1159	5.50	96.00	4	
1110	5.00	84.00	3		1160	5.50	96.00	4	
1111	5.00	96.75	3		1161	5.50	96.00	4	
1112	5.00	97.50	3		1162	5.50	96.00	4	
1113	5.00	97.50	3		1163	5.50	96.00	4	
1114	5.00	98.00	3		1164	5.50	96.00	4	
1115	5.00	122.00	4		1165	5.50	96.00	4	
1116	5.00	122.00	4		1166	5.50	96.00	4	
1117	5.00	125.75	4		1167	5.50	96.00	4	
1118	5.00	126.75	4		1168	5.50	96.00	4	
1119	5.00	168.75	6		1169	5.50	96.00	4	
1120	5.00	174.00	6		1170	5.50	96.00	4	
1121	5.25	72.00	3		1171	5.50	96.00	4	
1122	5.25	72.75	3		1172	5.50	96.25	4	
1123	5.25	73.00	3		1173	5.50	96.25	4	
1124	5.25	85.25	3		1174	5.50	96.25	4	
1125	5.25	91.25	3		1175	5.50	96.50	4	
1126	5.25	95.25	3		1176	5.50	96.50	4	
1127	5.25	96.00	3/4	Selects	1177	5.50	96.50	4	
1128	5.25	96.25	3/4	Selects	1178	5.50	96.50	4	
1129	5.25	97.00	3/4	Selects	1179	5.50	96.75	4	
1130	5.25	97.50	3/4	Selects	1180	5.50	96.75	4	
1131	5.25	97.50	3/4	2AC	1181	5.50	96.75	4	
1132	5.25	97.50	3/4	Selects	1182	5.50	96.75	4	
1133	5.25	97.50	3/4	2AC	1183	5.50	96.75	4	
1134	5.25	97.50	3/4	Selects	1184	5.50	96.75	4	
1135	5.25	97.50	3/4	Selects	1185	5.50	97.00	4	
1136	5.25	97.50	3/4	1C	1186	5.50	97.00	4	
1137	5.25	97.75	3/4	2AC	1187	5.50	97.00	4	
1138	5.25	121.00	4		1188	5.50	97.50	4	
1139	5.25	121.00	4		1189	5.50	120.00	5	
1140	5.25	121.00	4		1190	5.50	121.00	5	
1141	5.25	121.75	4		1191	5.50	121.50	5	
1142	5.25	124.25	4		1192	5.50	123.25	5	
1143	5.25	141.50	5		1193	5.50	125.00	5	
1144	5.25	142.50	5		1194	5.50	130.75	5	
1145	5.25	143.25	5		1195	5.50	132.00	5	
1146	5.25	168.75	6		1196	5.50	132.75	5	
1147	5.25	170.50	6		1197	5.50	132.75	5	
1148	5.50	73.75	3		1198	5.50	134.00	5	
1149	5.50	73.75	3		1199	5.50	143.25	5	
1150	5.50	79.75	3		1200	5.50	144.00	5/6	1C
1151	5.50	91.50	3		1201	5.50	144.50	5/6	Selects
1152	5.50	96.00	4		1202	5.50	144.50	5/6	1C
1153	5.50	96.00	4		1203	5.50	144.75	5/6	Selects
1154	5.50	96.00	4		1204	5.50	145.00	5/6	Selects

Continued

Table 13.—Board information report for Selects lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger surface meas. grade
1205	5.50	145.00	5/6	1C	1256	6.25	83.25	3	
1206	5.50	145.00	5/6	Selects	1257	6.50	72.75	3	
1207	5.50	145.00	5/6	Selects	1258	6.50	72.75	3	
1208	5.50	145.00	5/6	Selects	1259	6.50	72.75	3	
1209	5.50	145.00	5/6	Selects	1260	6.50	74.00	3	
1210	5.50	145.00	5/6	Selects	1261	6.50	74.25	3	
1211	5.50	145.00	5/6	Selects	1262	6.50	74.50	3	
1212	5.50	145.00	5/6	Selects	1263	6.50	75.00	3	
1213	5.50	145.00	5/6	Selects	1264	6.50	93.25	4	
1214	5.50	145.50	5/6	Selects	1265	6.75	74.25	3	
1215	5.50	145.50	5/6	Selects	1266	7.00	72.75	3/4	Selects
1216	5.50	145.50	5/6	Selects	1267	7.00	74.25	3/4	Selects
1217	5.50	146.00	5/6	Selects	1268	7.00	87.25	4	
1218	5.50	146.00	5/6	Selects	1269	7.25	73.00	4	
1219	5.50	158.25	6		1270	7.25	84.50	4	
1220	5.50	166.50	6		1271	7.50	72.75	4	
1221	5.50	168.75	6		1272	7.75	72.75	4	
1222	5.50	180.25	7		1273	7.75	73.00	4	
1223	5.50	190.25	7		1274	7.75	81.00	4	
1224	5.50	192.75	7		1275	7.75	85.00	5	
1225	5.50	192.75	7		1276	8.00	72.75	4	
1226	5.50	192.75	7		1277	8.00	72.75	4	
1227	5.50	192.75	7		1278	8.00	73.50	4	
1228	5.50	192.75	7		1279	8.00	74.25	4	
1229	5.75	72.00	3		1280	8.00	76.25	4	
1230	5.75	72.50	3		1281	8.25	72.75	4	
1231	5.75	72.75	3		1282	8.50	73.00	4	
1232	5.75	72.75	3		1283	8.50	94.50	5	
1233	5.75	72.75	3		1284	9.50	75.25	5	
1234	5.75	73.25	3		1285	11.25	72.75	6	
1235	5.75	73.75	3						
1236	5.75	77.50	3						
1237	5.75	88.75	3						
1238	5.75	95.00	3						
1239	6.00	72.50	3						
1240	6.00	72.50	3						
1241	6.00	72.75	3						
1242	6.00	72.75	3						
1243	6.00	72.75	3						
1244	6.00	72.75	3						
1245	6.00	72.75	3						
1246	6.00	72.75	3						
1247	6.00	73.75	3						
1248	6.00	74.00	3						
1249	6.00	74.25	3						
1250	6.00	79.00	3						
1251	6.25	72.75	3						
1252	6.25	72.75	3						
1253	6.25	73.00	3						
1254	6.25	76.00	3						
1255	6.25	82.75	3						

Table 14.—Board information report for No. 1 Common lumber

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
1286	3.50	49.75	1		120.92-1	1336	4.00	121.75	3		76.56-2
1287	3.50	49.75	1		120.92-1	1337	4.00	122.25	3		77.78-2
1288	3.50	49.75	1		120.92-1	1338	4.00	145.00	4		82.94-2
1289	3.50	73.75	2		83.21-1	1339	4.00	145.75	4		78.56-2
1290	3.50	94.25	2		89.33-1	1340	4.00	146.75	4		84.77-2
1291	3.50	97.00	2		117.88-1	1341	4.00	146.75	4		79.19-2
1292	3.50	97.50	2		102.71-1	1342	4.25	50.50	1		149.08-1
1293	3.50	98.00	2		89.08-1	1343	4.25	63.00	2		81.38-1
1294	3.50	98.00	2		81.25-1	1344	4.25	72.50	2		91.88-1
1295	3.50	98.25	2		81.25-1	1345	4.25	96.75	3		79.72-2
1296	3.50	98.50	2		99.29-1	1346	4.25	97.00	3		79.69-1
1297	3.50	121.00	3		75.42-2	1347	4.25	97.75	3		86.42-2
1298	3.50	121.50	3		83.86-2	1348	4.25	98.00	3		76.64-2
1299	3.50	122.25	3		94.19-1	1349	4.25	98.00	3		67.50-1
1300	3.50	123.00	3		78.42-2	1350	4.25	121.25	4		75.17-2
1301	3.50	145.00	3/4	1C	105.17-2	1351	4.25	122.00	4		75.62-1
1302	3.50	145.25	3/4	1C	113.50-2	1352	4.25	144.50	4		82.25-2
1303	3.50	145.25	3/4	1C	117.08-1	1353	4.25	146.75	4		67.71-1
1304	3.50	145.50	3/4	1C	117.89-1	1354	4.25	170.25	5		84.85-3
1305	3.75	95.50	2		81.54-1	1355	4.50	72.75	2		84.04-1
1306	3.75	96.75	2/3	2AC	93.08-1	1356	4.50	74.25	2		87.12-1
1307	3.75	97.25	2/3	1C	100.92-1	1357	4.50	74.75	2		91.00-1
1308	3.75	97.75	2/3	1C	101.83-1	1358	4.50	85.75	3		68.86-1
1309	3.75	121.75	3		89.78-2	1359	4.50	97.50	3		77.97-2
1310	3.75	122.75	3		82.69-2	1360	4.50	97.50	3		81.64-2
1311	3.75	123.00	3		90.42-2	1361	4.50	112.00	3		101.97-2
1312	3.75	123.25	3		93.92-2	1362	4.50	125.25	4		83.85-2
1313	3.75	123.50	3		85.28-2	1363	4.50	145.00	4/5	1C	96.21-2
1314	3.75	124.00	3		76.39-1	1364	4.50	145.75	4/5	1C	90.23-2
1315	3.75	125.50	3		104.61-2	1365	4.50	146.75	4/5	1C	90.60-2
1316	3.75	125.50	3		94.78-2	1366	4.50	156.00	5		69.68-2
1317	3.75	129.50	3		89.14-2	1367	4.75	72.75	2		80.50-1
1318	3.75	133.00	3		96.81-1	1368	4.75	73.25	2		84.29-1
1319	3.75	144.50	4		81.12-2	1369	4.75	75.00	2		95.33-1
1320	3.75	145.25	4		79.44-2	1370	4.75	95.00	3		88.17-2
1321	3.75	145.50	4		93.75-2	1371	4.75	96.75	3		90.22-2
1322	3.75	145.75	4		78.17-2	1372	4.75	97.25	3		84.83-2
1323	3.75	147.00	4		83.10-2	1373	4.75	97.50	3		92.39-2
1324	4.00	72.75	2		75.79-1	1374	4.75	97.50	3		68.97-1
1325	4.00	73.75	2		81.96-1	1375	4.75	111.75	4		78.58-2
1326	4.00	74.00	2		78.83-1	1376	4.75	120.75	4		75.27-2
1327	4.00	96.00	3		75.36-2	1377	4.75	121.00	4		77.29-2
1328	4.00	96.00	3		68.36-1	1378	4.75	126.00	4		88.79-2
1329	4.00	97.00	3		84.69-2	1379	4.75	127.00	4		77.21-2
1330	4.00	97.50	3		80.67-2	1380	4.75	127.00	4		87.04-2
1331	4.00	97.75	3		77.56-2	1381	4.75	127.25	4		93.67-2
1332	4.00	98.25	3		73.14-1	1382	4.75	144.75	5		79.47-3
1333	4.00	104.25	3		70.31-1	1383	4.75	146.75	5		88.93-3
1334	4.00	121.25	3		79.25-2	1384	4.75	192.50	6		90.43-3
1335	4.00	121.50	3		109.94-2	1385	5.00	53.00	2		77.12-1

Continued

Table 14.—Board information report for No. 1 Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
1386	5.00	62.00	2		90.29-1	1436	5.25	97.25	3/4	2AC	95.89-2
1387	5.00	71.25	2		86.58-1	1437	5.25	97.50	3/4	2AC	85.78-2
1388	5.00	72.75	2/3	2AC	82.04-1	1438	5.25	97.50	3/4	2AC	93.08-2
1389	5.00	81.00	2/3	2AC	89.17-1	1439	5.25	97.50	3/4	2AC	92.03-2
1390	5.00	83.25	2/3	1C	101.83-1	1440	5.25	120.75	4		97.00-2
1391	5.00	95.00	3		78.33-2	1441	5.25	121.00	4		88.42-1
1392	5.00	96.00	3		101.75-2	1442	5.25	121.00	4		75.15-2
1393	5.00	96.75	3		88.14-2	1443	5.25	121.00	4		88.75-2
1394	5.00	97.00	3		80.03-2	1444	5.25	121.00	4		92.96-2
1395	5.00	97.00	3		76.31-2	1445	5.25	122.00	4		85.48-2
1396	5.00	97.00	3		77.64-2	1446	5.25	123.25	4		88.40-2
1397	5.00	97.50	3		82.42-2	1447	5.25	125.25	4		85.00-2
1398	5.00	97.75	3		100.47-2	1448	5.25	144.00	5		80.52-3
1399	5.00	98.00	3		100.17-2	1449	5.25	144.00	5		68.67-2
1400	5.00	117.50	4		92.23-2	1450	5.25	145.00	5		92.12-3
1401	5.00	120.75	4		87.12-2	1451	5.25	145.00	5		88.48-3
1402	5.00	121.00	4		70.48-1	1452	5.25	145.00	5		86.95-3
1403	5.00	121.00	4		86.46-2	1453	5.25	145.00	5		93.90-3
1404	5.00	124.00	4		92.94-2	1454	5.25	145.50	5		78.65-3
1405	5.00	124.75	4		89.56-2	1455	5.25	168.50	6		84.93-3
1406	5.00	144.50	5		82.27-3	1456	5.25	168.75	6		78.75-3
1407	5.00	144.75	5		76.65-3	1457	5.25	169.00	6		78.67-3
1408	5.00	145.25	5		75.42-3	1458	5.25	170.00	6		97.53-3
1409	5.00	145.50	5		88.58-3	1459	5.50	48.25	2		88.79-1
1410	5.00	157.25	5		94.97-3	1460	5.50	48.50	2		77.00-1
1411	5.00	168.50	6		81.92-3	1461	5.50	48.50	2		88.42-1
1412	5.00	168.75	6		79.40-3	1462	5.50	49.75	2		85.96-1
1413	5.00	168.75	6		86.03-3	1463	5.50	51.00	2		82.92-1
1414	5.00	169.00	6		85.53-3	1464	5.50	51.50	2		79.71-1
1415	5.00	169.75	6		90.28-2	1465	5.50	61.50	2		85.42-1
1416	5.00	192.25	7		87.54-3	1466	5.50	63.25	2		87.83-1
1417	5.25	51.25	2		86.79-1	1467	5.50	72.00	3		79.33-2
1418	5.25	57.00	2		88.54-1	1468	5.50	72.25	3		78.03-2
1419	5.25	60.00	2		84.21-1	1469	5.50	72.25	3		79.89-1
1420	5.25	73.00	3		73.44-1	1470	5.50	72.75	3		81.61-2
1421	5.25	73.00	3		68.06-1	1471	5.50	72.75	3		87.61-2
1422	5.25	73.25	3		77.36-2	1472	5.50	72.75	3		81.94-2
1423	5.25	73.75	3		78.61-2	1473	5.50	72.75	3		89.83-2
1424	5.25	78.00	3		75.06-2	1474	5.50	73.25	3		75.75-1
1425	5.25	86.00	3		79.92-1	1475	5.50	73.50	3		66.81-1
1426	5.25	87.00	3		77.61-2	1476	5.50	73.50	3		90.39-1
1427	5.25	87.25	3		72.06-1	1477	5.50	73.75	3		68.44-1
1428	5.25	89.50	3		83.56-2	1478	5.50	74.00	3		81.36-2
1429	5.25	96.00	3/4	2AC	86.78-2	1479	5.50	74.25	3		81.94-2
1430	5.25	96.25	3/4	2AC	96.17-2	1480	5.50	74.50	3		78.47-2
1431	5.25	96.75	3/4	2AC	80.92-2	1481	5.50	74.75	3		66.81-1
1432	5.25	96.75	3/4	2AC	91.89-2	1482	5.50	76.50	3		79.08-2
1433	5.25	96.75	3/4	2AC	80.92-2	1483	5.50	78.75	3		78.00-2
1434	5.25	97.00	3/4	2AC	94.14-2	1484	5.50	84.00	3		79.39-2
1435	5.25	97.00	3/4	2AC	85.33-2	1485	5.50	85.50	3		79.72-2

Continued

Table 14.—Board information report for No. 1 Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
1486	5.50	87.00	3		84.78-2	1536	5.50	161.25	6		77.72-3
1487	5.50	96.00	4		83.08-1	1537	5.50	168.75	6		84.38-3
1488	5.50	96.50	4		86.00-2	1538	5.50	168.75	6		95.12-3
1489	5.50	96.75	4		77.15-2	1539	5.50	169.00	6		76.75-3
1490	5.50	97.00	4		76.88-2	1540	5.50	169.25	6		82.65-3
1491	5.50	97.00	4		75.67-2	1541	5.50	169.25	6		78.18-3
1492	5.50	97.25	4		82.10-2	1542	5.50	169.25	6		69.06-2
1493	5.50	97.50	4		78.54-2	1543	5.50	169.25	6		86.04-3
1494	5.50	97.50	4		75.67-1	1544	5.50	169.25	6		75.61-3
1495	5.50	97.50	4		81.85-2	1545	5.50	169.50	6		82.31-3
1496	5.50	97.75	4		85.50-2	1546	5.50	170.50	6		93.42-3
1497	5.50	98.00	4		80.92-2	1547	5.50	171.50	6		76.81-3
1498	5.50	114.75	4		75.21-2	1548	5.50	173.00	6		83.92-3
1499	5.50	120.75	5		84.77-3	1549	5.50	192.25	7		101.49-3
1500	5.50	120.75	5		71.60-2	1550	5.50	192.50	7		98.32-3
1501	5.50	121.00	5		81.92-3	1551	5.50	192.50	7		77.48-3
1502	5.50	121.00	5		69.32-2	1552	5.50	192.50	7		84.19-3
1503	5.50	121.50	5		72.38-1	1553	5.50	192.75	7		81.75-2
1504	5.50	121.75	5		80.83-3	1554	5.50	192.75	7		99.00-3
1505	5.50	121.75	5		75.92-3	1555	5.50	192.75	7		95.01-3
1506	5.50	122.00	5		75.63-2	1556	5.50	193.50	7		81.21-3
1507	5.50	122.50	5		69.35-2	1557	5.50	193.50	7		93.89-3
1508	5.50	123.50	5		83.65-2	1558	5.50	193.75	7		87.49-3
1509	5.50	126.00	5		77.80-3	1559	5.75	48.00	2		83.33-1
1510	5.50	131.50	5		71.05-2	1560	5.75	48.50	2		86.83-1
1511	5.50	134.75	5		85.08-3	1561	5.75	49.00	2		97.83-1
1512	5.50	143.25	5		86.17-3	1562	5.75	49.75	2		93.83-1
1513	5.50	144.00	5/6	1C	93.57-3	1563	5.75	53.50	2		82.88-1
1514	5.50	144.00	5/6	1C	86.62-3	1564	5.75	62.75	2		84.38-1
1515	5.50	144.50	5/6	1C	95.37-3	1565	5.75	70.25	2		132.75-1
1516	5.50	144.50	5/6	1C	89.40-3	1566	5.75	72.75	3		76.83-2
1517	5.50	144.75	5/6	2AC	80.03-3	1567	5.75	72.75	3		79.64-2
1518	5.50	144.75	5/6	1C	96.83-3	1568	5.75	72.75	3		87.92-2
1519	5.50	145.00	5/6	1C	97.35-3	1569	5.75	73.00	3		81.06-2
1520	5.50	145.00	5/6	2AC	67.83-2	1570	5.75	73.00	3		69.56-1
1521	5.50	145.00	5/6	2AC	83.48-3	1571	5.75	73.50	3		85.19-1
1522	5.50	145.00	5/6	1C	102.43-3	1572	5.75	74.50	3		78.94-2
1523	5.50	145.00	5/6	2AC	79.47-3	1573	5.75	74.75	3		78.72-2
1524	5.50	145.00	5/6	2AC	66.72-2	1574	5.75	77.75	3		75.92-2
1525	5.50	145.00	5/6	1C	98.27-2	1575	5.75	79.50	3		66.89-1
1526	5.50	145.00	5/6	2AC	72.50-2	1576	5.75	80.00	3		92.31-2
1527	5.50	145.00	5/6	2AC	68.42-2	1577	5.75	84.00	3		76.78-2
1528	5.50	145.00	5/6	2AC	82.90-3	1578	5.75	84.00	3		82.69-2
1529	5.50	145.00	5/6	1C	89.38-2	1579	5.75	85.50	3		78.64-2
1530	5.50	145.00	5/6	2AC	82.47-3	1580	5.75	86.25	3		84.28-2
1531	5.50	145.00	5/6	1C	85.92-3	1581	5.75	95.25	3		84.47-2
1532	5.50	145.25	5/6	1C	97.38-3	1582	5.75	96.00	4		75.23-2
1533	5.50	146.50	5/6	2AC	82.33-3	1583	5.75	96.00	4		91.77-2
1534	5.50	157.50	6		81.93-3	1584	5.75	96.00	4		82.12-2
1535	5.50	161.00	6		77.53-3	1585	5.75	96.00	4		89.58-2

Continued

Table 14.—Board information report for No. 1 Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
1586	5.75	96.50	4		82.90-2	1636	5.75	192.50	8		70.75-3
1587	5.75	96.75	4		81.85-1	1637	5.75	192.50	8		67.12-3
1588	5.75	96.75	4		94.08-2	1638	5.75	192.50	8		78.99-1
1589	5.75	97.00	4		78.54-2	1639	5.75	192.75	8		95.96-2
1590	5.75	120.50	5		70.12-2	1640	5.75	192.75	8		90.69-3
1591	5.75	120.75	5		69.88-2	1641	5.75	192.75	8		71.43-3
1592	5.75	120.75	5		76.18-2	1642	5.75	192.75	8		80.97-3
1593	5.75	120.75	5		68.82-2	1643	5.75	192.75	8		91.22-3
1594	5.75	120.75	5		85.18-3	1644	5.75	192.75	8		79.35-4
1595	5.75	120.75	5		74.60-2	1645	5.75	192.75	8		91.96-4
1596	5.75	120.75	5		68.22-2	1646	5.75	192.75	8		83.30-3
1597	5.75	121.00	5		79.12-3	1647	5.75	193.75	8		85.48-3
1598	5.75	121.00	5		80.55-3	1648	6.00	49.00	2		80.83-1
1599	5.75	121.00	5		81.35-3	1649	6.00	49.00	2		78.38-1
1600	5.75	121.00	5		69.55-2	1650	6.00	49.25	2		93.58-1
1601	5.75	121.00	5		75.07-3	1651	6.00	49.25	2		78.83-1
1602	5.75	121.50	5		89.73-3	1652	6.00	49.25	2		76.58-1
1603	5.75	121.75	5		69.45-2	1653	6.00	49.50	2		75.96-1
1604	5.75	122.75	5		87.03-3	1654	6.00	49.50	2		85.96-1
1605	5.75	123.25	5		85.85-2	1655	6.00	49.50	2		81.25-1
1606	5.75	139.75	5		82.25-3	1656	6.00	51.00	2		87.50-1
1607	5.75	144.50	6		79.29-3	1657	6.00	51.50	2		85.00-1
1608	5.75	144.75	6		71.83-2	1658	6.00	55.25	2		97.92-1
1609	5.75	144.75	6		77.00-3	1659	6.00	56.00	2		93.25-1
1610	5.75	144.75	6		95.00-2	1660	6.00	58.25	2		77.08-1
1611	5.75	144.75	6		88.58-3	1661	6.00	67.75	2/3	1C	111.75-1
1612	5.75	145.00	6		67.25-2	1662	6.00	72.00	3		78.31-2
1613	5.75	145.00	6		73.53-2	1663	6.00	72.25	3		82.31-2
1614	5.75	145.00	6		76.64-3	1664	6.00	72.50	3		83.50-2
1615	5.75	145.00	6		75.62-3	1665	6.00	72.75	3		75.86-2
1616	5.75	145.00	6		77.76-3	1666	6.00	72.75	3		90.06-2
1617	5.75	145.00	6		91.24-3	1667	6.00	72.75	3		89.25-2
1618	5.75	145.00	6		93.17-3	1668	6.00	72.75	3		92.36-2
1619	5.75	145.00	6		94.00-3	1669	6.00	72.75	3		86.47-2
1620	5.75	145.00	6		82.60-3	1670	6.00	72.75	3		85.78-2
1621	5.75	145.00	6		91.28-3	1671	6.00	73.00	3		66.67-1
1622	5.75	145.00	6		79.28-3	1672	6.00	74.25	3		87.17-2
1623	5.75	145.00	6		70.56-2	1673	6.00	77.00	3		89.69-2
1624	5.75	145.25	6		77.22-2	1674	6.00	79.50	3		89.58-2
1625	5.75	145.25	6		68.60-2	1675	6.00	80.00	3		96.75-2
1626	5.75	145.25	6		82.75-3	1676	6.00	80.50	3		87.61-2
1627	5.75	145.50	6		83.12-3	1677	6.00	84.00	3/4	2AC	84.39-2
1628	5.75	146.50	6		81.43-3	1678	6.00	84.00	3/4	1C	102.08-2
1629	5.75	168.50	7		82.93-3	1679	6.00	96.00	4		76.31-1
1630	5.75	168.50	7		77.67-3	1680	6.00	96.00	4		92.48-2
1631	5.75	168.75	7		73.33-2	1681	6.00	97.00	4		79.62-2
1632	5.75	168.75	7		81.37-3	1682	6.00	97.00	4		81.08-2
1633	5.75	183.00	7		94.57-2	1683	6.00	97.00	4		75.42-2
1634	5.75	192.50	8		84.48-4	1684	6.00	97.00	4		80.33-2
1635	5.75	192.50	8		77.11-3	1685	6.00	98.00	4		83.08-2

Continued

Table 14.—Board information report for No. 1 Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
1686	6.00	99.00	4		81.65-2	1736	6.25	72.50	3		75.67-2
1687	6.00	108.00	4/5	2AC	77.81-2	1737	6.25	72.50	3		88.56-2
1688	6.00	120.25	5		78.33-3	1738	6.25	72.50	3		81.81-2
1689	6.00	120.75	5		96.37-3	1739	6.25	72.75	3		81.39-2
1690	6.00	120.75	5		77.05-3	1740	6.25	72.75	3		89.94-2
1691	6.00	120.75	5		80.03-3	1741	6.25	73.00	3		85.00-2
1692	6.00	120.75	5		79.75-3	1742	6.25	73.25	3		80.28-2
1693	6.00	120.75	5		87.72-3	1743	6.25	73.25	3		92.03-2
1694	6.00	120.75	5		76.20-3	1744	6.25	74.25	3		77.92-2
1695	6.00	121.00	5		79.20-3	1745	6.25	78.75	3		88.78-2
1696	6.00	121.00	5		67.42-2	1746	6.25	96.25	4		82.19-2
1697	6.00	121.00	5		92.92-3	1747	6.25	97.00	4		75.15-2
1698	6.00	121.00	5		85.43-3	1748	6.25	97.00	4		87.62-2
1699	6.00	121.00	5		87.37-3	1749	6.25	97.00	4		90.96-2
1700	6.00	123.25	5		83.33-3	1750	6.25	120.00	5		91.73-2
1701	6.00	132.00	5/6	2AC	86.30-3	1751	6.25	120.75	5		83.15-3
1702	6.00	138.25	5/6	2AC	89.67-3	1752	6.25	120.75	5		70.93-2
1703	6.00	144.50	6		88.82-3	1753	6.25	120.75	5		86.83-3
1704	6.00	144.75	6		88.24-3	1754	6.25	121.00	5		77.43-3
1705	6.00	144.75	6		77.76-3	1755	6.25	121.00	5		94.17-3
1706	6.00	144.75	6		82.42-3	1756	6.25	121.00	5		91.62-3
1707	6.00	145.00	6		81.61-3	1757	6.25	121.00	5		78.13-3
1708	6.00	145.00	6		88.53-3	1758	6.25	121.25	5		80.60-3
1709	6.00	145.00	6		77.29-3	1759	6.25	122.00	5		84.00-3
1710	6.00	145.00	6		98.79-2	1760	6.25	144.00	6		97.15-3
1711	6.00	145.00	6		89.24-3	1761	6.25	144.75	6		83.69-3
1712	6.00	145.00	6		75.93-3	1762	6.25	145.00	6		66.78-2
1713	6.00	145.25	6		79.22-3	1763	6.25	145.00	6		75.72-3
1714	6.00	145.25	6		67.72-2	1764	6.25	168.50	7		83.68-3
1715	6.00	192.00	8		85.53-4	1765	6.25	168.75	7		77.05-3
1716	6.00	192.25	8		84.73-4	1766	6.25	192.50	8		81.57-4
1717	6.00	192.50	8		83.44-4	1767	6.25	192.75	8		81.42-4
1718	6.00	192.50	8		84.38-4	1768	6.50	48.50	2		84.92-1
1719	6.00	192.50	8		79.77-4	1769	6.50	49.75	2		76.58-1
1720	6.00	193.50	8		73.88-3	1770	6.50	51.00	2		79.00-1
1721	6.25	49.25	2		76.88-1	1771	6.50	51.75	2		77.04-1
1722	6.25	49.50	2		87.88-1	1772	6.50	65.00	3		83.25-2
1723	6.25	49.50	2		92.25-1	1773	6.50	72.00	3		81.83-2
1724	6.25	49.75	2		85.71-1	1774	6.50	72.75	3		96.97-2
1725	6.25	50.50	2		75.54-1	1775	6.50	72.75	3		86.58-2
1726	6.25	50.75	2		75.88-1	1776	6.50	72.75	3		77.94-2
1727	6.25	51.50	2		79.29-1	1777	6.50	72.75	3		86.78-2
1728	6.25	52.75	2		79.71-1	1778	6.50	73.50	3		90.56-2
1729	6.25	56.50	2		102.62-1	1779	6.50	74.00	3		69.08-1
1730	6.25	58.50	2		91.42-1	1780	6.50	74.50	3		95.81-2
1731	6.25	61.75	3		75.64-2	1781	6.50	76.75	3		79.81-2
1732	6.25	67.75	3		85.11-2	1782	6.50	86.00	4		82.08-2
1733	6.25	72.00	3		84.61-2	1783	6.50	86.50	4		80.10-2
1734	6.25	72.25	3		82.14-2	1784	6.50	96.00	4		66.67-1
1735	6.25	72.50	3		90.00-2	1785	6.50	96.00	4		97.27-2

Continued

Table 14.—Board information report for No. 1 Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
1786	6.50	96.75	4		82.83-2	1836	6.75	101.00	4/5	1C	85.56-2
1787	6.50	97.00	4		80.92-2	1837	6.75	109.50	5		79.45-3
1788	6.50	97.00	4		76.44-2	1838	6.75	117.50	5		87.57-3
1789	6.50	109.25	5		71.00-2	1839	6.75	118.25	5		79.27-3
1790	6.50	120.75	5		99.85-3	1840	6.75	121.00	6		82.10-3
1791	6.50	120.75	5		81.73-3	1841	6.75	126.00	6		67.33-2
1792	6.50	121.00	5		90.15-3	1842	6.75	144.00	7		87.82-3
1793	6.50	121.00	5		78.17-3	1843	6.75	144.25	7		84.82-3
1794	6.50	121.50	5		98.48-3	1844	6.75	144.50	7		86.57-3
1795	6.50	130.00	5		78.83-3	1845	6.75	144.75	7		85.30-3
1796	6.50	132.00	6		80.68-3	1846	6.75	144.75	7		84.73-3
1797	6.50	143.00	6		79.36-3	1847	6.75	145.00	7		87.57-3
1798	6.50	144.00	6/7	1C	83.72-3	1848	6.75	145.00	7		89.50-3
1799	6.50	144.25	6/7	2AC	80.65-3	1849	6.75	145.00	7		85.30-2
1800	6.50	144.75	6/7	2AC	78.08-3	1850	6.75	168.75	8		80.34-4
1801	6.50	145.00	6/7	1C	94.39-3	1851	6.75	168.75	8		79.30-3
1802	6.50	145.00	6/7	2AC	85.44-3	1852	6.75	173.25	8		78.65-4
1803	6.50	145.25	6/7	1C	99.19-3	1853	6.75	192.50	9		86.24-4
1804	6.50	168.75	8		76.07-4	1854	7.00	48.25	2		89.33-1
1805	6.50	192.75	9		78.46-4	1855	7.00	48.50	2		103.29-1
1806	6.75	48.25	2		94.92-1	1856	7.00	48.75	2		82.50-1
1807	6.75	49.25	2		75.54-1	1857	7.00	49.25	2		97.83-1
1808	6.75	49.50	2		83.88-1	1858	7.00	49.25	2		86.88-1
1809	6.75	49.50	2		103.62-1	1859	7.00	49.50	2		86.33-1
1810	6.75	49.50	2		92.33-1	1860	7.00	49.50	2		96.00-1
1811	6.75	49.50	2		90.83-1	1861	7.00	49.50	2		87.50-1
1812	6.75	49.75	2		101.04-1	1862	7.00	50.50	2		80.83-1
1813	6.75	51.25	2		81.92-1	1863	7.00	51.00	2		106.33-1
1814	6.75	53.50	2		88.25-1	1864	7.00	52.00	2		92.96-1
1815	6.75	56.00	2		84.96-1	1865	7.00	64.75	3		80.11-2
1816	6.75	62.25	3		83.44-2	1866	7.00	66.25	3		82.58-2
1817	6.75	62.25	3		75.31-2	1867	7.00	66.25	3		85.28-2
1818	6.75	66.50	3		95.89-2	1868	7.00	70.50	3		77.44-2
1819	6.75	70.50	3		84.64-2	1869	7.00	71.25	3		98.28-2
1820	6.75	72.25	3		95.94-2	1870	7.00	71.50	3		84.61-2
1821	6.75	72.75	3		87.06-2	1871	7.00	71.50	3		106.64-2
1822	6.75	72.75	3		99.78-2	1872	7.00	72.75	3/4	2AC	89.42-2
1823	6.75	73.00	3		85.25-2	1873	7.00	73.00	3/4	2AC	92.14-2
1824	6.75	73.25	3		79.61-2	1874	7.00	73.25	3/4	2AC	90.56-2
1825	6.75	74.00	3		76.00-2	1875	7.00	96.00	5		92.50-3
1826	6.75	74.25	3		84.67-2	1876	7.00	96.00	5		89.22-3
1827	6.75	74.50	3		80.03-2	1877	7.00	97.00	5		82.47-2
1828	6.75	84.00	4		84.38-2	1878	7.00	97.50	5		75.25-3
1829	6.75	96.00	4/5	1C	98.56-2	1879	7.00	98.25	5		76.22-3
1830	6.75	96.00	4/5	1C	98.75-2	1880	7.00	108.75	5		85.00-3
1831	6.75	96.75	4/5	1C	85.71-2	1881	7.00	118.00	5		86.80-3
1832	6.75	96.75	4/5	2AC	77.35-2	1882	7.00	120.75	6		66.97-2
1833	6.75	97.00	4/5	2AC	77.42-2	1883	7.00	120.75	6		78.10-3
1834	6.75	97.00	4/5	1C	80.10-2	1884	7.00	121.00	6		94.65-3
1835	6.75	97.00	4/5	1C	86.52-2	1885	7.00	121.00	6		75.51-3

Continued

Table 14.—Board information report for No. 1 Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
1886	7.00	130.75	6		82.47-3	1936	7.25	192.50	10		75.88-4
1887	7.00	144.50	7		76.51-3	1937	7.25	192.50	10		89.07-4
1888	7.00	144.75	7		83.48-3	1938	7.25	192.75	10		91.03-4
1889	7.00	144.75	7		93.64-2	1939	7.25	193.25	10		76.82-4
1890	7.00	145.00	7		96.45-3	1940	7.50	48.50	2/3	2AC	97.00-1
1891	7.00	145.00	7		92.68-3	1941	7.50	49.00	2/3	2AC	90.29-1
1892	7.00	145.00	7		82.29-3	1942	7.50	50.25	2/3	1C	80.42-1
1893	7.00	145.00	7		82.49-3	1943	7.50	52.75	2/3	1C	104.83-1
1894	7.00	145.00	7		93.18-3	1944	7.50	55.00	2/3	2AC	94.42-1
1895	7.00	145.00	7		87.45-3	1945	7.50	55.50	2/3	1C	102.71-1
1896	7.00	145.25	7		79.57-3	1946	7.50	55.75	2/3	1C	128.38-1
1897	7.00	192.50	9		69.61-3	1947	7.50	58.75	2/3	2AC	91.17-1
1898	7.00	192.50	9		90.82-4	1948	7.50	62.25	3		78.14-2
1899	7.00	192.75	9		86.94-4	1949	7.50	70.00	3		98.97-2
1900	7.00	193.25	9		77.30-4	1950	7.50	72.00	4		76.58-2
1901	7.00	193.50	9		86.81-4	1951	7.50	75.00	4		79.71-2
1902	7.25	48.00	2		97.04-1	1952	7.50	89.75	4		75.52-2
1903	7.25	49.00	2		75.54-1	1953	7.50	96.75	5		76.22-3
1904	7.25	49.00	2		76.88-1	1954	7.50	97.00	5		69.83-2
1905	7.25	56.00	2		130.04-1	1955	7.50	97.00	5		68.78-2
1906	7.25	61.00	3		80.39-2	1956	7.50	97.00	5		80.17-3
1907	7.25	62.25	3		89.42-2	1957	7.50	97.00	5		87.05-3
1908	7.25	70.75	3		94.94-2	1958	7.50	97.50	5		84.87-3
1909	7.25	72.50	4		67.81-1	1959	7.50	101.75	5		86.77-3
1910	7.25	72.75	4		82.94-2	1960	7.50	108.00	6		71.32-2
1911	7.25	72.75	4		79.19-2	1961	7.50	120.25	6		80.39-3
1912	7.25	73.00	4		84.69-2	1962	7.50	120.50	6		69.03-2
1913	7.25	73.50	4		80.12-2	1963	7.50	120.75	6		75.88-3
1914	7.25	96.25	5		91.35-3	1964	7.50	121.00	6		81.85-3
1915	7.25	96.25	5		79.95-3	1965	7.50	121.00	6		75.38-3
1916	7.25	97.00	5		70.85-2	1966	7.50	121.00	6		73.24-2
1917	7.25	108.50	5		80.17-3	1967	7.50	124.75	6		85.50-3
1918	7.25	108.75	5		97.87-3	1968	7.50	144.00	7/8	1C	88.58-3
1919	7.25	109.00	5		93.35-3	1969	7.50	145.00	7/8	2AC	76.06-3
1920	7.25	117.75	5		79.60-3	1970	7.50	145.00	7/8	2AC	75.82-3
1921	7.25	120.75	6		85.53-3	1971	7.50	145.00	7/8	2AC	78.51-3
1922	7.25	120.75	6		84.01-3	1972	7.50	169.00	9		71.38-3
1923	7.25	121.00	6		78.01-3	1973	7.50	169.00	9		70.34-3
1924	7.25	121.00	6		88.53-3	1974	7.50	169.25	9		67.81-3
1925	7.25	121.00	6		67.14-2	1975	7.50	169.50	9		80.65-4
1926	7.25	144.50	7		90.38-3	1976	7.75	50.00	3		68.00-1
1927	7.25	145.00	7		75.18-3	1977	7.75	50.75	3		77.72-2
1928	7.25	145.00	7		79.51-3	1978	7.75	53.75	3		89.44-2
1929	7.25	145.00	7		90.44-3	1979	7.75	56.75	3		90.61-2
1930	7.25	145.00	7		83.25-3	1980	7.75	60.25	3		87.36-2
1931	7.25	145.25	7		82.01-3	1981	7.75	61.75	3		97.22-2
1932	7.25	146.25	7		70.01-2	1982	7.75	62.50	3		75.92-2
1933	7.25	167.25	8		81.32-4	1983	7.75	69.25	3		106.86-2
1934	7.25	169.00	8		84.45-4	1984	7.75	71.00	3		99.44-2
1935	7.25	192.50	10		66.79-3	1985	7.75	71.50	3		114.58-2

Continued

Table 14.—Board information report for No. 1 Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
1986	7.75	72.25	4		83.21-2	2036	8.00	121.00	7		78.05-3
1987	7.75	73.00	4		89.52-2	2037	8.00	141.25	7		80.56-3
1988	7.75	74.25	4		75.29-2	2038	8.00	145.00	8		83.42-3
1989	7.75	77.00	4		84.67-2	2039	8.00	145.00	8		86.54-3
1990	7.75	96.50	5		79.62-3	2040	8.00	145.25	8		80.17-4
1991	7.75	96.50	5		80.32-3	2041	8.00	192.50	11		71.19-4
1992	7.75	96.75	5		82.97-3	2042	8.00	193.00	11		87.59-4
1993	7.75	97.00	5		89.10-3	2043	8.25	48.50	3		88.11-2
1994	7.75	97.00	5		81.67-3	2044	8.25	49.00	3		92.36-2
1995	7.75	97.00	5		86.05-3	2045	8.25	49.50	3		77.03-2
1996	7.75	105.00	5		78.67-3	2046	8.25	49.75	3		86.92-2
1997	7.75	105.00	5		92.68-3	2047	8.25	52.00	3		76.00-2
1998	7.75	111.25	6		85.65-3	2048	8.25	62.75	3		96.97-2
1999	7.75	115.25	6		83.49-3	2049	8.25	67.50	3		79.50-2
2000	7.75	120.25	6		78.36-3	2050	8.25	72.75	4		79.10-2
2001	7.75	120.25	6		84.21-3	2051	8.25	73.00	4		80.69-2
2002	7.75	120.50	6		89.21-3	2052	8.25	82.75	4		77.98-2
2003	7.75	120.75	6		79.88-3	2053	8.25	97.00	5/6	1C	92.05-3
2004	7.75	121.00	6		77.72-3	2054	8.25	97.00	5/6	2AC	70.50-2
2005	7.75	144.75	8		92.36-3	2055	8.25	120.75	7		89.44-3
2006	7.75	144.75	8		73.07-3	2056	8.25	120.75	7		75.49-3
2007	7.75	145.00	8		80.40-4	2057	8.25	120.75	7		95.08-3
2008	7.75	145.00	8		81.96-4	2058	8.25	120.75	7		89.89-3
2009	7.75	145.00	8		87.79-4	2059	8.25	144.00	8		88.73-4
2010	7.75	159.00	8		80.15-4	2060	8.25	144.00	8		72.92-3
2011	7.75	168.50	9		96.54-4	2061	8.25	144.75	8		78.36-4
2012	7.75	168.50	9		97.32-4	2062	8.25	145.00	8		76.92-4
2013	7.75	169.25	9		72.04-3	2063	8.25	169.00	10		71.42-3
2014	7.75	192.75	10		67.19-3	2064	8.25	189.75	10		93.22-4
2015	8.00	48.25	3		77.11-2	2065	8.25	192.50	11		84.61-4
2016	8.00	51.00	3		88.94-2	2066	8.25	192.50	11		71.44-4
2017	8.00	62.25	3		99.89-2	2067	8.50	48.50	3		84.19-2
2018	8.00	69.75	3		92.14-2	2068	8.50	49.50	3		84.58-2
2019	8.00	72.00	4		75.56-2	2069	8.50	49.75	3		79.75-2
2020	8.00	72.50	4		80.83-2	2070	8.50	72.75	4		78.88-2
2021	8.00	72.75	4		81.17-2	2071	8.50	73.00	4		84.02-2
2022	8.00	72.75	4		86.25-2	2072	8.50	86.00	5		79.38-3
2023	8.00	72.75	4		81.46-2	2073	8.50	96.00	6		87.15-3
2024	8.00	75.25	4		85.33-2	2074	8.50	96.50	6		79.46-3
2025	8.00	96.00	5		76.65-3	2075	8.50	96.75	6		67.71-2
2026	8.00	96.50	5		84.23-3	2076	8.50	97.75	6		75.07-2
2027	8.00	96.75	5		77.33-3	2077	8.50	111.50	6		95.15-3
2028	8.00	97.00	5		78.70-3	2078	8.50	120.00	7		88.67-3
2029	8.00	97.00	5		87.92-2	2079	8.50	121.00	7		80.45-3
2030	8.00	97.50	5		81.95-3	2080	8.50	132.75	8		93.27-4
2031	8.00	98.50	5		79.83-3	2081	8.50	133.00	8		93.47-4
2032	8.00	99.50	5		82.33-3	2082	8.50	169.50	10		86.40-4
2033	8.00	108.00	6		76.21-3	2083	8.50	192.50	11		93.61-4
2034	8.00	116.50	6		86.46-3	2084	8.50	192.50	11		71.95-4
2035	8.00	120.75	7		82.64-3	2085	8.50	192.50	11		67.64-4

Continued

Table 14.—Board information report for No. 1 Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
2086	8.50	192.75	11		87.33-4	2136	9.25	144.50	9		98.50-3
2087	8.50	193.25	11		71.58-4	2137	9.25	145.00	9		96.08-3
2088	8.50	193.25	11		85.12-4	2138	9.25	145.00	9		84.32-4
2089	8.75	61.50	4		66.73-1	2139	9.25	145.25	9		79.10-4
2090	8.75	71.00	4		91.96-2	2140	9.25	145.25	9		72.48-3
2091	8.75	72.50	4		88.25-2	2141	9.25	169.00	11		71.79-4
2092	8.75	74.25	4		85.04-2	2142	9.25	169.00	11		73.08-4
2093	8.75	96.25	6		77.11-3	2143	9.25	169.25	11		72.33-4
2094	8.75	97.00	6		75.72-3	2144	9.25	169.50	11		66.95-4
2095	8.75	97.00	6		66.86-2	2145	9.25	169.75	11		86.17-4
2096	8.75	97.25	6		79.32-3	2146	9.25	170.00	11		74.67-4
2097	8.75	120.75	7		97.64-3	2147	9.25	170.75	11		77.57-4
2098	8.75	121.00	7		83.19-3	2148	9.25	180.75	12		68.00-4
2099	8.75	121.00	7		89.06-3	2149	9.25	192.75	12		99.15-3
2100	8.75	168.50	10		96.88-4	2150	9.25	193.25	12		81.56-4
2101	8.75	192.00	12		82.04-4	2151	9.50	49.50	3		101.11-2
2102	8.75	192.50	12		94.01-4	2152	9.50	50.75	3		85.14-2
2103	9.00	50.00	3		99.53-2	2153	9.50	84.00	6		82.99-3
2104	9.00	52.25	3		79.17-2	2154	9.50	84.50	6		84.03-3
2105	9.00	53.25	3		80.61-2	2155	9.50	96.00	6		101.51-2
2106	9.00	72.00	4/5	1C	87.15-2	2156	9.50	96.50	6		79.01-3
2107	9.00	96.00	6		92.60-3	2157	9.50	97.25	6		78.32-3
2108	9.00	96.50	6		78.90-3	2158	9.50	97.75	6		84.28-3
2109	9.00	96.50	6		93.63-3	2159	9.50	98.50	6		86.93-3
2110	9.00	96.75	6		72.17-2	2160	9.50	119.50	7		97.18-3
2111	9.00	96.75	6		78.26-3	2161	9.50	120.25	8		82.61-4
2112	9.00	120.75	7/8	1C	87.56-3	2162	9.50	121.50	8		75.11-4
2113	9.00	120.75	7/8	1C	89.19-3	2163	9.50	121.50	8		86.71-4
2114	9.00	121.00	7/8	1C	99.40-3	2164	9.50	121.50	8		78.01-4
2115	9.00	145.25	9		68.95-3	2165	9.50	145.00	9/10	1C	85.97-4
2116	9.00	145.50	9		81.80-3	2166	9.50	145.25	9/10	1C	82.30-4
2117	9.00	150.50	9		82.69-4	2167	9.50	168.75	11		90.22-4
2118	9.00	169.50	10/11	1C	87.45-4	2168	9.50	169.00	11		83.11-4
2119	9.00	169.75	10/11	1C	80.92-4	2169	9.50	169.25	11		72.63-4
2120	9.00	192.25	12		88.28-4	2170	9.50	192.50	13		85.69-3
2121	9.00	192.50	12		68.65-4	2171	9.50	192.50	13		91.17-3
2122	9.00	193.00	12		75.53-4	2172	9.50	192.75	13		91.17-3
2123	9.25	50.50	3		84.75-2	2173	9.75	49.25	3		105.61-2
2124	9.25	51.75	3		83.19-2	2174	9.75	72.00	5		71.10-2
2125	9.25	96.00	6		86.64-3	2175	9.75	75.25	5		90.45-3
2126	9.25	96.00	6		90.50-3	2176	9.75	96.00	6/7	1C	104.86-3
2127	9.25	96.00	6		99.10-2	2177	9.75	96.00	6/7	2AC	83.89-3
2128	9.25	96.25	6		98.65-3	2178	9.75	96.50	6/7	2AC	75.71-3
2129	9.25	96.50	6		90.06-3	2179	9.75	97.25	6/7	2AC	75.75-3
2130	9.25	96.50	6		75.54-3	2180	9.75	120.75	8		91.94-4
2131	9.25	97.00	6		86.89-3	2181	9.75	121.00	8		73.58-3
2132	9.25	99.25	6		76.15-3	2182	9.75	121.00	8		75.34-4
2133	9.25	120.00	8		84.36-3	2183	9.75	121.25	8		68.77-3
2134	9.25	120.75	8		66.96-3	2184	9.75	121.50	8		84.28-4
2135	9.25	121.75	8		76.32-4	2185	9.75	144.75	10		81.06-4

Continued

Table 14.—Board information report for No. 1 Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
2186	9.75	145.25	10		75.15-4	2236	10.50	120.00	9		79.32-4
2187	9.75	145.50	10		79.12-4	2237	10.50	120.50	9		73.51-3
2188	9.75	168.75	11		76.74-4	2238	10.50	121.00	9		76.87-4
2189	9.75	168.75	11		86.02-4	2239	10.50	144.50	10/11	1C	101.25-3
2190	9.75	169.00	11		81.17-4	2240	10.50	144.75	10/11	2AC	67.34-3
2191	9.75	169.50	11		75.60-4	2241	10.50	144.75	10/11	1C	98.43-4
2192	9.75	169.75	11		77.19-4	2242	10.50	144.75	10/11	1C	78.26-4
2193	9.75	192.50	13		68.03-4	2243	10.50	145.00	10/11	F1F	101.74-4
2194	9.75	192.75	13		78.40-4	2244	10.50	169.00	12		72.76-4
2195	9.75	192.75	13		91.85-4	2245	10.50	193.00	14		75.47-5
2196	10.00	48.00	3		76.00-2	2246	10.75	50.50	4		86.94-2
2197	10.00	49.50	3		77.25-2	2247	10.75	55.75	4		71.88-1
2198	10.00	50.00	3		100.69-2	2248	10.75	74.50	5		76.23-3
2199	10.00	51.50	3		94.92-2	2249	10.75	96.00	7		90.33-3
2200	10.00	55.00	3		91.67-2	2250	10.75	97.50	7		78.76-3
2201	10.00	70.25	4		102.88-2	2251	10.75	97.50	7		84.12-3
2202	10.00	71.25	4		81.15-2	2252	10.75	120.75	9		77.81-4
2203	10.00	72.75	5		75.60-3	2253	10.75	121.50	9		77.31-4
2204	10.00	73.25	5		79.92-3	2254	11.00	48.75	4		80.29-2
2205	10.00	74.75	5		78.98-3	2255	11.00	49.50	4		88.71-2
2206	10.00	96.00	7		82.33-3	2256	11.00	94.75	6		86.50-3
2207	10.00	96.25	7		67.50-2	2257	11.00	120.50	9		92.96-4
2208	10.00	108.75	7/8	1C	91.83-3	2258	11.00	120.75	9		67.33-3
2209	10.00	120.25	8		85.52-4	2259	11.00	121.50	9		66.81-3
2210	10.00	120.50	8		69.66-3	2260	11.00	145.00	11		75.44-4
2211	10.00	120.75	8		93.74-4	2261	11.00	145.50	11		77.23-4
2212	10.00	121.00	8		86.50-4	2262	11.00	168.25	13		82.80-4
2213	10.00	121.00	8		99.58-4	2263	11.00	169.50	13		71.10-4
2214	10.00	121.50	8		69.16-3	2264	11.00	169.75	13		76.37-4
2215	10.00	121.50	8		80.72-4	2265	11.25	50.00	4		90.42-2
2216	10.00	121.75	8		80.19-4	2266	11.25	50.00	4		82.62-2
2217	10.00	121.75	8		71.68-3	2267	11.25	73.00	6		77.57-2
2218	10.00	145.00	10		92.32-3	2268	11.25	73.00	6		78.60-3
2219	10.00	168.50	12		87.54-4	2269	11.25	73.00	6		89.29-3
2220	10.00	169.75	12		78.89-4	2270	11.25	95.25	7		79.08-3
2221	10.25	72.50	5		89.67-3	2271	11.25	122.75	9		78.45-4
2222	10.25	94.50	6		76.81-3	2272	11.25	144.00	11		86.11-4
2223	10.25	96.00	7		82.52-3	2273	11.25	168.25	13		75.94-4
2224	10.25	96.50	7		87.57-3	2274	11.25	168.50	13		82.58-4
2225	10.25	97.25	7		89.01-3	2275	11.25	169.50	13		95.31-4
2226	10.25	121.75	9		87.88-4	2276	11.50	120.25	10		70.41-3
2227	10.25	144.50	10		95.47-4	2277	11.50	120.75	10		84.03-4
2228	10.25	144.50	10		94.93-3	2278	11.50	193.25	15		79.13-5
2229	10.25	144.50	10		94.52-4	2279	11.50	193.50	15		77.49-5
2230	10.25	193.50	14		80.17-5	2280	11.75	96.00	8		71.61-3
2231	10.50	49.50	3/4	2AC	79.56-2	2281	11.75	96.50	8		80.43-4
2232	10.50	74.25	5		84.27-3	2282	11.75	115.50	9		78.41-4
2233	10.50	96.50	7		75.60-3	2283	11.75	120.75	10		76.49-4
2234	10.50	97.50	7		80.25-3	2284	11.75	121.50	10		66.82-3
2235	10.50	97.75	7		73.69-2	2285	11.75	144.75	12		95.51-4

Continued

Table 14.—Board information report for No. 1 Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
2286	11.75	144.75	12		71.04-4
2287	11.75	168.50	14		87.86-5
2288	11.75	192.25	16		84.01-5
2289	11.75	193.00	16		72.18-5
2290	12.00	92.00	7		81.44-3
2291	12.00	96.50	8		70.36-3
2292	12.00	145.00	12		92.84-4
2293	12.00	145.00	12		76.65-4
2294	12.00	145.25	12		78.06-4
2295	12.00	145.25	12		68.46-4
2296	12.00	193.25	16		83.75-5
2297	12.25	109.25	9		67.44-3
2298	12.25	168.75	14		97.59-3
2299	12.25	168.75	14		82.92-5
2300	12.25	192.50	16		96.06-4
2301	12.50	96.00	8		82.77-4
2302	12.50	96.50	8		70.95-3
2303	12.50	97.00	8		92.98-4
2304	12.50	121.50	10		92.56-4
2305	12.50	121.50	10		75.48-4
2306	12.50	145.25	12/13	2AC	70.25-4
2307	12.50	169.25	15		76.75-5
2308	12.75	51.50	4		90.79-2
2309	12.75	144.00	13		78.46-4
2310	12.75	144.75	13		77.10-4
2311	12.75	145.00	13		73.81-4
2312	12.75	145.25	13		68.37-4
2313	12.75	145.25	13		74.55-4
2314	12.75	169.00	15		80.74-5
2315	13.00	100.50	9		86.78-4
2316	13.00	108.00	10		82.51-4
2317	13.00	145.00	13		90.33-4
2318	13.00	145.00	13		90.58-4
2319	13.00	145.00	13		92.29-4
2320	13.00	169.50	15		68.70-5
2321	13.00	192.25	17		84.78-4
2322	13.00	192.50	17		92.15-4
2323	13.00	193.00	17		100.04-4

Table 15.—Board information report for No. 2A Common lumber

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
2324	3.50	69.75	1		66.83-1	2374	4.25	49.50	1		118.50-1
2325	3.50	72.75	2		70.04-2	2375	4.25	50.00	1		101.42-1
2326	3.50	95.50	2		103.58-2	2376	4.25	53.75	1		116.00-1
2327	3.50	96.00	2		108.17-2	2377	4.25	96.50	3		62.97-1
2328	3.50	98.50	2		93.46-2	2378	4.25	96.75	3		74.72-2
2329	3.50	111.00	3		78.08-2	2379	4.25	97.75	3		62.72-1
2330	3.50	121.50	3		70.25-2	2380	4.25	98.00	3		57.00-1
2331	3.50	123.25	3		68.53-2	2381	4.25	120.50	4		60.10-2
2332	3.50	145.00	3/4	3AC	58.00-1	2382	4.25	121.50	4		68.17-3
2333	3.50	147.75	3/4	2AC	71.78-2	2383	4.25	122.50	4		70.98-3
2334	3.75	49.25	1		85.67-1	2384	4.25	122.50	4		51.46-2
2335	3.75	49.75	1		90.08-1	2385	4.25	122.75	4		71.96-3
2336	3.75	73.00	2		69.67-1	2386	4.25	123.00	4		52.75-1
2337	3.75	73.50	2		77.54-2	2387	4.25	125.00	4		68.19-3
2338	3.75	74.00	2		90.58-2	2388	4.25	144.50	4		90.35-3
2339	3.75	85.75	2		74.88-1	2389	4.25	144.50	4		76.88-3
2340	3.75	97.50	2/3	3AC	57.42-1	2390	4.25	145.50	4		61.67-2
2341	3.75	97.50	2/3	2AC	92.71-2	2391	4.25	147.00	4		55.10-2
2342	3.75	97.50	2/3	2AC	104.29-2	2392	4.25	157.00	5		69.07-3
2343	3.75	98.00	2/3	2AC	101.08-2	2393	4.25	169.50	5		62.57-1
2344	3.75	98.00	2/3	3AC	82.96-2	2394	4.50	48.25	1/2	2AC	117.17-1
2345	3.75	98.25	2/3	Selects	114.83-2	2395	4.50	48.75	1/2	3AC	74.25-1
2346	3.75	98.50	2/3	3AC	96.50-2	2396	4.50	49.00	1/2	2AC	127.58-1
2347	3.75	98.75	2/3	3AC	72.67-2	2397	4.50	49.00	1/2	2AC	130.50-1
2348	3.75	145.00	4		73.04-3	2398	4.50	49.00	1/2	3AC	74.33-1
2349	3.75	145.25	4		51.17-2	2399	4.50	49.50	1/2	3AC	98.42-1
2350	3.75	145.25	4		61.85-2	2400	4.50	49.50	1/2	3AC	82.00-1
2351	4.00	51.75	1		93.08-1	2401	4.50	49.50	1/2	3AC	72.33-1
2352	4.00	72.50	2		86.25-2	2402	4.50	50.50	1/2	2AC	115.83-1
2353	4.00	72.75	2		68.75-1	2403	4.50	53.25	1/2	2AC	115.08-1
2354	4.00	73.75	2		77.42-2	2404	4.50	60.50	2		69.12-1
2355	4.00	73.75	2		72.08-2	2405	4.50	86.00	3		61.72-1
2356	4.00	96.00	3		54.53-1	2406	4.50	121.00	4		73.92-2
2357	4.00	96.75	3		67.75-2	2407	4.50	122.50	4		70.44-3
2358	4.00	98.00	3		57.36-1	2408	4.50	124.25	4		72.81-3
2359	4.00	98.00	3		60.78-1	2409	4.50	124.50	4		50.58-1
2360	4.00	122.00	3		73.19-2	2410	4.50	146.25	4/5	2AC	82.15-3
2361	4.00	122.50	3		70.19-2	2411	4.50	168.75	5		71.38-3
2362	4.00	123.50	3		68.33-2	2412	4.50	174.00	5		74.80-3
2363	4.00	132.75	4		76.31-3	2413	4.50	192.75	6		69.39-4
2364	4.00	133.25	4		72.17-3	2414	4.75	48.75	2		62.33-1
2365	4.00	144.50	4		61.06-2	2415	4.75	49.25	2		51.29-1
2366	4.00	146.50	4		67.48-3	2416	4.75	49.50	2		51.75-1
2367	4.00	146.75	4		85.38-3	2417	4.75	49.50	2		67.50-1
2368	4.00	146.75	4		68.71-3	2418	4.75	49.50	2		52.21-1
2369	4.00	146.75	4		54.17-2	2419	4.75	49.75	2		74.17-2
2370	4.25	49.25	1		138.00-1	2420	4.75	61.00	2		84.83-2
2371	4.25	49.50	1		88.75-1	2421	4.75	71.25	2		81.29-2
2372	4.25	49.50	1		112.00-1	2422	4.75	87.00	3		68.67-2
2373	4.25	49.50	1		109.42-1	2423	4.75	120.00	4		96.48-3

Continued

Table 15.—Board information report for No. 2A Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
2424	4.75	120.75	4		61.73-2	2474	5.25	49.00	2		51.04-1
2425	4.75	120.75	4		78.77-3	2475	5.25	49.00	2		70.58-2
2426	4.75	120.75	4		75.12-3	2476	5.25	49.00	2		51.04-1
2427	4.75	121.00	4		73.29-3	2477	5.25	49.50	2		52.08-1
2428	4.75	121.00	4		73.54-3	2478	5.25	54.50	2		54.71-1
2429	4.75	123.00	4		70.06-3	2479	5.25	70.50	2		62.58-1
2430	4.75	123.25	4		75.75-3	2480	5.25	72.75	3		54.42-1
2431	4.75	125.75	4		79.40-3	2481	5.25	72.75	3		60.25-1
2432	4.75	144.50	5		72.00-3	2482	5.25	73.25	3		51.06-1
2433	4.75	144.75	5		57.82-2	2483	5.25	73.50	3		68.56-2
2434	4.75	168.75	6		68.99-3	2484	5.25	74.25	3		74.25-2
2435	4.75	170.00	6		70.78-4	2485	5.25	74.25	3		75.58-2
2436	4.75	180.50	6		70.67-4	2486	5.25	75.00	3		73.64-2
2437	4.75	192.50	6		67.94-4	2487	5.25	88.25	3		79.33-2
2438	4.75	192.75	6		70.78-4	2488	5.25	97.00	3/4	2AC	77.00-2
2439	5.00	48.25	2		75.42-2	2489	5.25	97.75	3/4	2AC	74.89-2
2440	5.00	49.00	2		69.58-2	2490	5.25	120.50	4		84.71-3
2441	5.00	49.00	2		53.88-1	2491	5.25	120.75	4		70.60-3
2442	5.00	49.00	2		63.79-1	2492	5.25	120.75	4		81.83-3
2443	5.00	49.00	2		55.88-1	2493	5.25	121.00	4		72.31-3
2444	5.00	49.00	2		78.83-2	2494	5.25	121.00	4		75.02-3
2445	5.00	49.50	2		53.50-1	2495	5.25	124.75	4		58.33-2
2446	5.00	49.50	2		54.17-1	2496	5.25	131.50	4		71.54-2
2447	5.00	49.75	2		54.25-1	2497	5.25	144.50	5		57.03-2
2448	5.00	50.00	2		64.58-1	2498	5.25	144.75	5		74.93-3
2449	5.00	50.50	2		70.79-2	2499	5.25	144.75	5		52.23-2
2450	5.00	62.50	2		59.71-1	2500	5.25	144.75	5		62.33-2
2451	5.00	63.00	2		51.38-1	2501	5.25	145.00	5		58.33-2
2452	5.00	72.00	2/3	3AC	85.17-2	2502	5.25	145.25	5		67.73-3
2453	5.00	72.75	2/3	3AC	56.25-1	2503	5.25	145.25	5		64.35-2
2454	5.00	73.25	2/3	3AC	68.04-1	2504	5.25	148.00	5		70.05-3
2455	5.00	74.75	2/3	3AC	54.58-1	2505	5.25	158.25	6		60.99-3
2456	5.00	75.00	2/3	3AC	52.75-1	2506	5.25	164.50	6		52.83-3
2457	5.00	96.00	3		74.47-2	2507	5.25	168.50	6		72.82-4
2458	5.00	96.75	3		66.89-2	2508	5.25	169.00	6		74.54-4
2459	5.00	121.00	4		69.96-3	2509	5.25	169.00	6		71.61-4
2460	5.00	121.00	4		58.81-2	2510	5.25	169.25	6		58.33-3
2461	5.00	121.25	4		72.33-3	2511	5.25	169.25	6		59.28-3
2462	5.00	127.00	4		62.50-2	2512	5.25	169.50	6		73.85-4
2463	5.00	127.00	4		55.50-2	2513	5.25	169.50	6		64.83-3
2464	5.00	129.25	4		74.38-3	2514	5.25	179.25	6		75.31-4
2465	5.00	143.00	5		73.27-3	2515	5.25	193.75	7		68.21-4
2466	5.00	145.00	5		55.82-2	2516	5.50	48.25	2		55.67-1
2467	5.00	145.00	5		69.22-3	2517	5.50	49.00	2		51.04-1
2468	5.00	145.50	5		56.22-2	2518	5.50	49.00	2		70.42-2
2469	5.00	168.25	6		68.51-3	2519	5.50	49.00	2		51.96-1
2470	5.00	168.75	6		67.93-4	2520	5.50	49.00	2		50.79-1
2471	5.00	169.50	6		70.06-4	2521	5.50	49.00	2		74.83-2
2472	5.00	170.00	6		70.03-4	2522	5.50	49.00	2		80.08-2
2473	5.00	192.75	7		62.39-3	2523	5.50	49.00	2		54.46-1

Continued

Table 15.—Board information report for No. 2A Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
2524	5.50	49.00	2		51.04-1	2574	5.50	121.00	5		67.40-3
2525	5.50	49.00	2		72.75-2	2575	5.50	121.00	5		71.33-3
2526	5.50	49.00	2		58.33-1	2576	5.50	121.00	5		73.05-2
2527	5.50	49.50	2		70.17-1	2577	5.50	121.00	5		64.63-2
2528	5.50	49.50	2		72.92-2	2578	5.50	121.00	5		50.63-2
2529	5.50	52.00	2		74.96-1	2579	5.50	121.25	5		57.38-2
2530	5.50	71.25	2		107.54-2	2580	5.50	126.50	5		74.98-3
2531	5.50	72.00	3		61.11-1	2581	5.50	127.00	5		64.27-2
2532	5.50	72.75	3		54.97-1	2582	5.50	129.25	5		65.22-2
2533	5.50	72.75	3		50.47-1	2583	5.50	131.00	5		67.43-2
2534	5.50	74.25	3		57.11-1	2584	5.50	140.75	5		63.98-2
2535	5.50	79.50	3		54.69-1	2585	5.50	143.25	5		62.07-2
2536	5.50	96.00	4		71.85-3	2586	5.50	144.75	5/6	3AC	59.88-2
2537	5.50	96.00	4		66.46-2	2587	5.50	144.75	5/6	2AC	51.05-2
2538	5.50	96.00	4		74.85-3	2588	5.50	145.00	5/6	2AC	58.98-2
2539	5.50	96.00	4		55.12-2	2589	5.50	145.00	5/6	2AC	69.33-3
2540	5.50	96.00	4		71.60-3	2590	5.50	145.00	5/6	2AC	69.23-3
2541	5.50	96.00	4		68.04-2	2591	5.50	145.00	5/6	2AC	68.45-3
2542	5.50	96.00	4		75.00-3	2592	5.50	145.00	5/6	2AC	71.83-3
2543	5.50	96.25	4		78.65-3	2593	5.50	145.00	5/6	2AC	67.37-3
2544	5.50	96.75	4		68.04-3	2594	5.50	145.25	5/6	3AC	51.72-2
2545	5.50	96.75	4		52.67-2	2595	5.50	145.25	5/6	2AC	52.83-2
2546	5.50	96.75	4		58.15-2	2596	5.50	145.50	5/6	3AC	52.33-2
2547	5.50	96.75	4		57.31-2	2597	5.50	145.50	5/6	2AC	69.70-3
2548	5.50	96.75	4		67.79-2	2598	5.50	158.00	6		68.51-4
2549	5.50	96.75	4		67.50-3	2599	5.50	164.50	6		74.89-4
2550	5.50	96.75	4		60.90-2	2600	5.50	166.75	6		73.60-4
2551	5.50	96.75	4		72.42-2	2601	5.50	167.00	6		54.19-3
2552	5.50	96.75	4		70.54-3	2602	5.50	167.50	6		71.43-4
2553	5.50	97.00	4		73.77-3	2603	5.50	168.25	6		78.10-4
2554	5.50	97.00	4		74.96-3	2604	5.50	168.25	6		62.14-3
2555	5.50	97.00	4		62.83-2	2605	5.50	168.75	6		54.83-3
2556	5.50	97.00	4		55.60-2	2606	5.50	168.75	6		57.97-3
2557	5.50	97.25	4		69.52-3	2607	5.50	169.00	6		70.65-4
2558	5.50	97.25	4		53.92-2	2608	5.50	169.00	6		61.14-3
2559	5.50	97.25	4		59.46-2	2609	5.50	169.00	6		69.88-4
2560	5.50	97.25	4		67.52-2	2610	5.50	169.00	6		75.99-4
2561	5.50	97.50	4		78.40-3	2611	5.50	169.00	6		78.90-4
2562	5.50	97.50	4		72.75-3	2612	5.50	169.25	6		66.08-3
2563	5.50	116.50	4		79.96-3	2613	5.50	169.25	6		65.94-3
2564	5.50	116.50	4		73.52-3	2614	5.50	169.25	6		64.65-3
2565	5.50	116.75	4		84.75-3	2615	5.50	169.25	6		68.08-4
2566	5.50	120.25	5		51.95-2	2616	5.50	169.25	6		71.68-4
2567	5.50	120.75	5		51.23-2	2617	5.50	169.25	6		62.76-3
2568	5.50	120.75	5		50.83-2	2618	5.50	169.50	6		74.62-4
2569	5.50	121.00	5		56.48-2	2619	5.50	169.50	6		53.72-3
2570	5.50	121.00	5		57.27-2	2620	5.50	169.50	6		68.58-4
2571	5.50	121.00	5		60.87-2	2621	5.50	169.50	6		70.32-4
2572	5.50	121.00	5		71.32-3	2622	5.50	169.75	6		72.19-4
2573	5.50	121.00	5		57.73-2	2623	5.50	170.25	6		76.15-4

Continued

Table 15.—Board information report for No. 2A Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
2624	5.50	170.50	6		53.32-3	2674	5.75	96.75	4		56.19-2
2625	5.50	192.50	7		67.07-4	2675	5.75	96.75	4		56.56-2
2626	5.50	192.50	7		55.92-3	2676	5.75	96.75	4		63.90-2
2627	5.50	192.50	7		80.25-4	2677	5.75	96.75	4		67.04-3
2628	5.50	192.50	7		75.05-4	2678	5.75	96.75	4		56.08-2
2629	5.50	193.50	7		57.29-3	2679	5.75	97.00	4		74.79-3
2630	5.50	193.50	7		68.26-4	2680	5.75	97.00	4		68.54-3
2631	5.50	193.50	7		55.40-3	2681	5.75	97.00	4		94.83-3
2632	5.50	193.50	7		55.64-3	2682	5.75	97.25	4		80.38-3
2633	5.50	193.50	7		75.10-4	2683	5.75	97.25	4		69.33-3
2634	5.75	48.50	2		74.21-1	2684	5.75	98.25	4		66.71-2
2635	5.75	49.00	2		51.04-1	2685	5.75	98.50	4		55.29-2
2636	5.75	49.00	2		75.00-2	2686	5.75	100.25	4		69.60-2
2637	5.75	49.00	2		54.38-1	2687	5.75	114.75	4		62.31-2
2638	5.75	49.25	2		67.92-1	2688	5.75	115.50	4		51.77-2
2639	5.75	49.25	2		61.54-1	2689	5.75	118.75	4		57.44-2
2640	5.75	49.50	2		67.33-1	2690	5.75	120.00	5		57.37-2
2641	5.75	49.50	2		72.08-2	2691	5.75	120.25	5		53.42-2
2642	5.75	49.50	2		56.08-1	2692	5.75	120.50	5		50.57-2
2643	5.75	49.50	2		64.88-1	2693	5.75	120.50	5		69.67-3
2644	5.75	49.50	2		59.71-1	2694	5.75	120.75	5		72.55-3
2645	5.75	49.75	2		62.50-1	2695	5.75	120.75	5		72.68-3
2646	5.75	50.00	2		73.46-2	2696	5.75	120.75	5		69.38-3
2647	5.75	50.50	2		65.67-1	2697	5.75	120.75	5		72.97-3
2648	5.75	52.00	2		65.42-1	2698	5.75	121.00	5		64.57-2
2649	5.75	62.00	2		78.08-2	2699	5.75	121.00	5		51.80-2
2650	5.75	72.50	3		52.08-1	2700	5.75	121.00	5		58.88-2
2651	5.75	73.00	3		72.58-2	2701	5.75	121.00	5		52.13-2
2652	5.75	73.25	3		75.56-2	2702	5.75	121.00	5		62.10-2
2653	5.75	96.00	4		78.42-3	2703	5.75	121.00	5		58.27-2
2654	5.75	96.00	4		72.56-3	2704	5.75	121.00	5		52.83-2
2655	5.75	96.00	4		60.04-2	2705	5.75	121.00	5		64.68-1
2656	5.75	96.00	4		69.77-3	2706	5.75	121.00	5		72.60-3
2657	5.75	96.00	4		68.67-3	2707	5.75	122.25	5		57.32-2
2658	5.75	96.00	4		74.69-2	2708	5.75	122.50	5		78.58-2
2659	5.75	96.00	4		73.73-2	2709	5.75	129.75	5		71.47-3
2660	5.75	96.00	4		72.27-3	2710	5.75	141.25	5		59.92-2
2661	5.75	96.00	4		68.92-3	2711	5.75	144.00	6		71.38-3
2662	5.75	96.00	4		68.94-3	2712	5.75	144.75	6		65.06-2
2663	5.75	96.00	4		76.96-3	2713	5.75	144.75	6		59.90-3
2664	5.75	96.00	4		63.29-2	2714	5.75	144.75	6		70.69-4
2665	5.75	96.00	4		72.81-3	2715	5.75	144.75	6		70.54-4
2666	5.75	96.25	4		72.08-3	2716	5.75	144.75	6		58.33-3
2667	5.75	96.50	4		64.65-2	2717	5.75	144.75	6		55.04-3
2668	5.75	96.50	4		63.96-2	2718	5.75	145.00	6		70.75-3
2669	5.75	96.75	4		52.02-2	2719	5.75	145.00	6		52.01-3
2670	5.75	96.75	4		53.52-2	2720	5.75	145.00	6		62.69-3
2671	5.75	96.75	4		75.58-3	2721	5.75	145.00	6		51.62-3
2672	5.75	96.75	4		60.52-2	2722	5.75	145.00	6		51.64-3
2673	5.75	96.75	4		73.29-3	2723	5.75	145.00	6		51.74-3

Continued

Table 15.—Board information report for No. 2A Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
2724	5.75	145.00	6		51.97-3	2774	6.00	73.25	3		72.69-2
2725	5.75	145.25	6		52.82-3	2775	6.00	74.25	3		59.61-1
2726	5.75	145.25	6		56.17-3	2776	6.00	74.50	3		74.86-2
2727	5.75	159.75	6		72.65-3	2777	6.00	75.75	3		73.56-2
2728	5.75	166.25	6		72.42-3	2778	6.00	75.75	3		73.42-2
2729	5.75	168.00	7		69.54-3	2779	6.00	76.00	3		72.92-2
2730	5.75	168.25	7		59.04-3	2780	6.00	88.50	3/4	2AC	67.75-2
2731	5.75	168.50	7		58.92-3	2781	6.00	96.00	4		72.04-3
2732	5.75	168.50	7		61.92-3	2782	6.00	96.50	4		51.75-2
2733	5.75	168.75	7		76.81-4	2783	6.00	96.75	4		52.50-2
2734	5.75	168.75	7		57.32-3	2784	6.00	96.75	4		50.69-2
2735	5.75	168.75	7		74.19-4	2785	6.00	97.00	4		64.85-2
2736	5.75	168.75	7		74.29-4	2786	6.00	97.00	4		85.40-3
2737	5.75	169.00	7		73.30-4	2787	6.00	97.00	4		61.98-2
2738	5.75	169.00	7		55.64-3	2788	6.00	97.00	4		70.17-3
2739	5.75	169.25	7		59.51-3	2789	6.00	97.00	4		60.69-2
2740	5.75	169.25	7		63.30-3	2790	6.00	97.00	4		77.88-3
2741	5.75	169.50	7		60.75-3	2791	6.00	97.25	4		80.00-3
2742	5.75	169.50	7		67.10-4	2792	6.00	97.25	4		65.92-2
2743	5.75	169.50	7		50.29-3	2793	6.00	97.25	4		58.31-2
2744	5.75	169.75	7		57.37-3	2794	6.00	108.00	4/5	3AC	56.81-2
2745	5.75	170.25	7		75.51-4	2795	6.00	108.75	4/5	2AC	74.88-3
2746	5.75	170.50	7		72.01-4	2796	6.00	119.00	4/5	2AC	64.75-2
2747	5.75	190.00	7		74.51-4	2797	6.00	120.50	5		59.82-2
2748	5.75	192.25	8		65.83-4	2798	6.00	120.75	5		53.82-2
2749	5.75	192.50	8		62.83-4	2799	6.00	120.75	5		57.80-2
2750	5.75	193.25	8		50.95-2	2800	6.00	120.75	5		71.18-3
2751	5.75	193.50	8		56.19-4	2801	6.00	120.75	5		62.97-2
2752	5.75	193.50	8		66.52-4	2802	6.00	121.00	5		76.32-3
2753	5.75	193.50	8		59.34-4	2803	6.00	121.00	5		70.63-3
2754	5.75	193.50	8		69.42-4	2804	6.00	121.00	5		72.77-3
2755	5.75	193.75	8		57.70-4	2805	6.00	121.00	5		75.03-3
2756	6.00	49.00	2		72.67-2	2806	6.00	121.25	5		69.82-2
2757	6.00	49.25	2		65.62-1	2807	6.00	121.50	5		52.88-2
2758	6.00	49.50	2		52.33-1	2808	6.00	125.75	5		72.22-3
2759	6.00	49.50	2		56.42-1	2809	6.00	144.75	6		65.42-3
2760	6.00	49.50	2		58.33-1	2810	6.00	144.75	6		61.22-3
2761	6.00	49.50	2		54.71-1	2811	6.00	145.00	6		74.31-4
2762	6.00	49.50	2		50.33-1	2812	6.00	145.00	6		61.35-3
2763	6.00	49.50	2		75.25-2	2813	6.00	145.00	6		57.36-3
2764	6.00	49.50	2		81.79-2	2814	6.00	145.00	6		51.50-2
2765	6.00	49.50	2		58.33-1	2815	6.00	145.00	6		53.93-3
2766	6.00	50.50	2		66.38-1	2816	6.00	145.00	6		69.54-4
2767	6.00	59.25	2		65.88-1	2817	6.00	145.00	6		72.90-4
2768	6.00	60.00	2/3	3AC	68.38-1	2818	6.00	145.00	6		56.17-3
2769	6.00	60.25	2/3	3AC	90.33-2	2819	6.00	145.25	6		53.49-3
2770	6.00	63.75	2/3	2AC	107.08-2	2820	6.00	168.25	7		54.18-3
2771	6.00	72.75	3		73.33-2	2821	6.00	168.50	7		55.01-3
2772	6.00	72.75	3		69.19-2	2822	6.00	168.50	7		58.06-3
2773	6.00	73.00	3		71.28-2	2823	6.00	168.50	7		53.12-3

Continued

Table 15.—Board information report for No. 2A Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
2824	6.00	168.75	7		72.18-4	2874	6.50	49.50	2		57.83-1
2825	6.00	169.50	7		69.12-4	2875	6.50	52.25	2		75.75-2
2826	6.00	192.50	8		64.53-4	2876	6.50	56.00	2		75.00-2
2827	6.00	192.50	8		63.86-4	2877	6.50	60.50	3		74.36-2
2828	6.00	193.50	8		71.11-4	2878	6.50	64.00	3		54.56-1
2829	6.25	49.50	2		73.88-2	2879	6.50	67.50	3		71.44-2
2830	6.25	49.50	2		58.33-1	2880	6.50	72.75	3		50.64-1
2831	6.25	49.50	2		71.21-2	2881	6.50	72.75	3		62.78-1
2832	6.25	49.50	2		51.96-1	2882	6.50	73.00	3		77.25-2
2833	6.25	49.50	2		58.54-1	2883	6.50	74.75	3		59.31-1
2834	6.25	66.25	3		51.58-1	2884	6.50	74.75	3		53.06-1
2835	6.25	71.25	3		73.50-2	2885	6.50	94.75	4		74.25-3
2836	6.25	74.50	3		73.33-2	2886	6.50	96.00	4		52.73-2
2837	6.25	96.25	4		56.33-2	2887	6.50	96.25	4		54.50-2
2838	6.25	96.50	4		59.44-2	2888	6.50	96.50	4		50.40-2
2839	6.25	96.75	4		51.77-2	2889	6.50	96.50	4		73.12-3
2840	6.25	97.00	4		60.02-2	2890	6.50	96.75	4		62.62-2
2841	6.25	97.00	4		63.08-2	2891	6.50	97.00	4		68.60-3
2842	6.25	97.00	4		52.73-2	2892	6.50	97.00	4		63.42-2
2843	6.25	97.00	4		56.60-2	2893	6.50	97.25	4		56.42-2
2844	6.25	97.00	4		56.90-2	2894	6.50	97.50	4		77.23-3
2845	6.25	97.25	4		76.98-3	2895	6.50	120.00	5		67.55-3
2846	6.25	97.25	4		68.42-3	2896	6.50	120.75	5		71.30-3
2847	6.25	98.50	4		70.33-3	2897	6.50	120.75	5		60.77-2
2848	6.25	119.00	5		59.72-2	2898	6.50	121.00	5		79.25-3
2849	6.25	120.25	5		65.23-2	2899	6.50	121.00	5		69.03-3
2850	6.25	120.75	5		55.95-2	2900	6.50	121.00	5		59.80-2
2851	6.25	120.75	5		73.52-3	2901	6.50	144.50	6/7	3AC	57.96-3
2852	6.25	121.00	5		72.08-3	2902	6.50	144.75	6/7	2AC	84.14-4
2853	6.25	121.00	5		60.70-2	2903	6.50	144.75	6/7	2AC	77.36-4
2854	6.25	121.25	5		59.25-2	2904	6.50	145.00	6/7	2AC	73.92-4
2855	6.25	141.00	6		69.82-4	2905	6.50	145.00	6/7	2AC	62.81-3
2856	6.25	144.75	6		69.00-4	2906	6.50	145.00	6/7	2AC	68.64-4
2857	6.25	144.75	6		59.58-3	2907	6.50	156.00	7		50.60-3
2858	6.25	144.75	6		72.18-4	2908	6.50	168.75	8		67.20-4
2859	6.25	144.75	6		66.89-3	2909	6.50	192.50	9		61.72-4
2860	6.25	144.75	6		59.51-3	2910	6.50	192.50	9		69.98-4
2861	6.25	144.75	6		50.88-3	2911	6.75	49.25	2		86.33-2
2862	6.25	145.00	6		68.14-4	2912	6.75	49.25	2		51.96-1
2863	6.25	145.00	6		72.38-4	2913	6.75	49.50	2		56.42-1
2864	6.25	145.00	6		77.79-4	2914	6.75	49.50	2		54.71-1
2865	6.25	156.00	7		59.77-3	2915	6.75	49.50	2		61.54-1
2866	6.25	168.25	7		79.96-4	2916	6.75	49.50	2		60.96-1
2867	6.25	168.50	7		70.14-4	2917	6.75	72.50	3		71.25-2
2868	6.25	168.75	7		76.57-4	2918	6.75	74.50	3		68.89-2
2869	6.25	168.75	7		82.21-4	2919	6.75	86.00	4		68.85-3
2870	6.25	168.75	7		72.37-4	2920	6.75	96.25	4/5	2AC	70.60-2
2871	6.25	178.75	7		73.89-4	2921	6.75	96.25	4/5	2AC	73.19-3
2872	6.25	192.50	8		66.35-4	2922	6.75	96.75	4/5	2AC	80.54-3
2873	6.50	49.50	2		72.62-2	2923	6.75	96.75	4/5	2AC	69.42-3

Continued

Table 15.—Board information report for No. 2A Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
2924	6.75	97.00	4/5	2AC	67.29-3	2974	7.00	154.00	7		71.15-4
2925	6.75	97.00	4/5	2AC	71.92-3	2975	7.00	156.00	8		57.45-4
2926	6.75	97.25	4/5	2AC	75.38-3	2976	7.00	168.25	8		71.83-4
2927	6.75	118.50	5		68.20-3	2977	7.00	169.00	8		72.44-4
2928	6.75	120.50	6		55.94-3	2978	7.00	192.50	9		67.78-4
2929	6.75	120.75	6		56.24-3	2979	7.00	192.75	9		72.07-4
2930	6.75	120.75	6		59.57-3	2980	7.25	48.75	2		69.71-2
2931	6.75	120.75	6		73.65-4	2981	7.25	71.25	3		68.83-2
2932	6.75	120.75	6		63.72-3	2982	7.25	72.75	4		73.31-3
2933	6.75	120.75	6		68.97-4	2983	7.25	73.00	4		66.60-2
2934	6.75	121.00	6		61.54-3	2984	7.25	73.25	4		72.04-3
2935	6.75	121.00	6		68.56-3	2985	7.25	73.25	4		56.12-2
2936	6.75	121.00	6		51.65-3	2986	7.25	78.00	4		85.04-3
2937	6.75	121.00	6		53.72-3	2987	7.25	96.00	5		54.47-2
2938	6.75	123.25	6		70.22-4	2988	7.25	96.25	5		53.55-2
2939	6.75	144.75	7		75.69-4	2989	7.25	96.50	5		58.02-2
2940	6.75	144.75	7		74.05-4	2990	7.25	96.75	5		71.57-3
2941	6.75	145.00	7		56.49-3	2991	7.25	97.00	5		69.62-3
2942	6.75	145.00	7		67.63-4	2992	7.25	97.25	5		53.47-2
2943	6.75	145.00	7		69.21-4	2993	7.25	97.25	5		59.27-2
2944	6.75	168.75	8		60.06-4	2994	7.25	97.50	5		55.73-2
2945	6.75	169.50	8		74.33-4	2995	7.25	120.50	6		79.47-4
2946	6.75	192.50	9		64.25-4	2996	7.25	120.50	6		70.44-4
2947	6.75	193.25	9		57.73-4	2997	7.25	120.50	6		70.01-4
2948	7.00	48.50	2		73.92-2	2998	7.25	120.75	6		60.99-3
2949	7.00	49.50	2		54.92-1	2999	7.25	120.75	6		69.25-4
2950	7.00	57.25	2		79.04-2	3000	7.25	120.75	6		80.22-4
2951	7.00	58.50	2		73.00-2	3001	7.25	120.75	6		67.97-4
2952	7.00	60.25	3		67.83-2	3002	7.25	120.75	6		63.19-3
2953	7.00	73.00	3/4	2AC	69.81-2	3003	7.25	120.75	6		64.81-3
2954	7.00	73.00	3/4	2AC	74.06-2	3004	7.25	120.75	6		77.56-4
2955	7.00	74.50	3/4	2AC	74.31-2	3005	7.25	121.00	6		68.04-4
2956	7.00	96.25	5		63.62-2	3006	7.25	121.00	6		63.47-3
2957	7.00	96.25	5		64.53-2	3007	7.25	121.00	6		67.96-3
2958	7.00	96.50	5		72.47-3	3008	7.25	121.00	6		74.68-4
2959	7.00	96.75	5		50.77-2	3009	7.25	132.00	7		75.23-4
2960	7.00	97.00	5		52.83-2	3010	7.25	144.00	7		72.52-4
2961	7.00	97.50	5		73.32-3	3011	7.25	144.75	7		76.17-4
2962	7.00	120.75	6		72.79-4	3012	7.25	144.75	7		68.15-4
2963	7.00	120.75	6		80.65-4	3013	7.25	144.75	7		54.05-3
2964	7.00	120.75	6		69.75-4	3014	7.25	145.00	7		72.42-4
2965	7.00	121.00	6		69.14-4	3015	7.25	168.75	8		58.91-4
2966	7.00	121.00	6		68.08-4	3016	7.25	192.50	10		61.72-5
2967	7.00	144.50	7		69.27-3	3017	7.25	193.25	10		76.30-5
2968	7.00	144.75	7		70.64-4	3018	7.50	49.50	2/3	3AC	81.88-2
2969	7.00	144.75	7		71.18-3	3019	7.50	49.50	2/3	3AC	79.58-2
2970	7.00	144.75	7		56.25-3	3020	7.50	49.50	2/3	3AC	80.62-2
2971	7.00	144.75	7		70.11-4	3021	7.50	70.00	3		51.22-1
2972	7.00	145.00	7		62.10-3	3022	7.50	72.50	4		77.71-3
2973	7.00	145.00	7		71.68-4	3023	7.50	76.00	4		69.73-3

Continued

Table 15.—Board information report for No. 2A Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
3024	7.50	88.00	4		72.15-3	3074	7.75	144.75	8		67.14-4
3025	7.50	96.50	5		69.87-3	3075	7.75	144.75	8		64.81-3
3026	7.50	96.75	5		62.25-2	3076	7.75	145.00	8		70.28-4
3027	7.50	97.00	5		51.93-2	3077	7.75	145.00	8		62.33-4
3028	7.50	97.00	5		62.77-2	3078	7.75	145.00	8		66.09-4
3029	7.50	109.75	6		59.32-3	3079	7.75	145.25	8		64.34-4
3030	7.50	117.25	6		73.49-3	3080	7.75	145.25	8		54.30-4
3031	7.50	119.25	6		63.17-3	3081	7.75	169.25	9		64.81-4
3032	7.50	120.25	6		73.42-4	3082	7.75	169.25	9		60.00-4
3033	7.50	120.75	6		68.90-4	3083	7.75	169.50	9		66.73-4
3034	7.50	120.75	6		67.28-4	3084	7.75	182.75	10		63.88-5
3035	7.50	120.75	6		62.49-3	3085	7.75	193.50	10		58.73-5
3036	7.50	120.75	6		70.61-3	3086	7.75	193.75	10		56.62-5
3037	7.50	121.00	6		72.61-3	3087	8.00	49.25	3		71.33-2
3038	7.50	121.00	6		69.69-4	3088	8.00	49.50	3		73.53-2
3039	7.50	144.25	7/8	2AC	76.77-4	3089	8.00	53.50	3		71.28-2
3040	7.50	144.75	7/8	2AC	80.29-4	3090	8.00	59.00	3		69.50-2
3041	7.50	145.00	7/8	2AC	52.68-3	3091	8.00	72.75	4		54.54-2
3042	7.50	145.25	7/8	2AC	72.98-4	3092	8.00	73.00	4		54.52-2
3043	7.50	145.25	7/8	2AC	78.63-4	3093	8.00	73.25	4		83.42-3
3044	7.50	168.75	9		56.55-4	3094	8.00	73.25	4		71.71-3
3045	7.50	169.25	9		59.63-4	3095	8.00	74.25	4		63.06-2
3046	7.50	169.25	9		69.81-4	3096	8.00	74.50	4		75.79-3
3047	7.75	48.00	3		50.69-1	3097	8.00	84.75	5		61.83-2
3048	7.75	48.25	3		74.50-2	3098	8.00	96.25	5		50.37-2
3049	7.75	48.25	3		70.08-2	3099	8.00	96.75	5		53.65-2
3050	7.75	49.50	3		69.56-2	3100	8.00	96.75	5		76.82-3
3051	7.75	49.50	3		56.42-1	3101	8.00	120.00	7		74.92-4
3052	7.75	72.00	4		58.08-2	3102	8.00	120.75	7		69.96-4
3053	7.75	72.50	4		53.98-2	3103	8.00	120.75	7		79.52-4
3054	7.75	72.50	4		67.38-3	3104	8.00	120.75	7		62.33-3
3055	7.75	72.75	4		66.42-2	3105	8.00	124.25	7		70.81-4
3056	7.75	72.75	4		72.00-3	3106	8.00	145.00	8		73.25-4
3057	7.75	73.00	4		50.54-2	3107	8.00	145.00	8		64.55-4
3058	7.75	84.50	5		67.60-3	3108	8.00	168.50	9		57.53-4
3059	7.75	96.50	5		58.40-2	3109	8.00	169.00	9		56.70-4
3060	7.75	96.75	5		73.28-3	3110	8.00	169.00	9		63.62-4
3061	7.75	97.25	5		59.22-2	3111	8.00	192.00	11		63.02-5
3062	7.75	109.50	6		70.57-4	3112	8.00	193.00	11		65.42-5
3063	7.75	118.00	6		67.75-4	3113	8.25	72.75	4		75.50-3
3064	7.75	118.75	6		82.04-4	3114	8.25	72.75	4		53.73-2
3065	7.75	119.25	6		59.39-3	3115	8.25	73.25	4		74.71-3
3066	7.75	120.00	6		63.15-3	3116	8.25	74.25	4		75.65-3
3067	7.75	120.25	6		66.65-3	3117	8.25	85.25	5		54.97-2
3068	7.75	120.75	6		71.49-4	3118	8.25	96.50	5/6	2AC	67.68-3
3069	7.75	120.75	6		78.04-4	3119	8.25	97.00	5/6	2AC	62.23-2
3070	7.75	120.75	6		61.01-3	3120	8.25	97.25	5/6	2AC	66.80-3
3071	7.75	120.75	6		61.25-3	3121	8.25	97.25	5/6	2AC	72.72-3
3072	7.75	121.00	6		76.35-4	3122	8.25	120.50	7		60.06-3
3073	7.75	122.75	6		76.89-4	3123	8.25	120.50	7		62.62-3

Continued

Table 15.—Board information report for No. 2A Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
3124	8.25	145.00	8		60.45-4	3174	9.25	120.00	8		66.78-4
3125	8.25	145.00	8		68.90-4	3175	9.25	120.50	8		71.72-4
3126	8.25	192.75	11		61.48-5	3176	9.25	121.00	8		64.59-3
3127	8.50	73.00	4		82.17-3	3177	9.25	121.75	8		60.68-4
3128	8.50	73.00	4		58.77-2	3178	9.25	145.00	9		63.24-4
3129	8.50	73.00	4		80.73-3	3179	9.25	145.00	9		72.04-4
3130	8.50	96.75	6		67.76-3	3180	9.25	145.00	9		65.80-4
3131	8.50	96.75	6		71.35-3	3181	9.25	168.50	11		65.62-5
3132	8.50	96.75	6		50.53-3	3182	9.25	169.25	11		69.26-5
3133	8.50	97.00	6		76.01-4	3183	9.25	193.00	12		73.17-6
3134	8.50	120.75	7		67.60-4	3184	9.25	193.00	12		73.56-6
3135	8.50	120.75	7		58.20-3	3185	9.25	193.25	12		59.74-5
3136	8.50	120.75	7		74.94-4	3186	9.50	96.75	6		67.28-3
3137	8.50	144.75	8/9	2AC	73.05-4	3187	9.50	97.25	6		50.61-3
3138	8.50	145.00	8/9	2AC	64.41-4	3188	9.50	97.50	6		61.03-3
3139	8.50	145.00	8/9	2AC	72.03-4	3189	9.50	97.50	6		70.53-3
3140	8.50	145.25	8/9	2AC	72.46-4	3190	9.50	97.75	6		70.89-4
3141	8.50	146.25	8/9	2AC	59.42-3	3191	9.50	121.00	8		73.32-4
3142	8.50	168.50	10		66.72-5	3192	9.50	121.50	8		68.84-4
3143	8.50	168.75	10		71.96-5	3193	9.50	144.50	9/10	2AC	71.51-4
3144	8.50	192.50	11		67.27-5	3194	9.50	147.75	9/10	2AC	65.96-4
3145	8.50	193.25	11		69.02-5	3195	9.50	169.50	11		65.23-5
3146	8.75	49.25	3		71.89-2	3196	9.50	169.50	11		60.94-5
3147	8.75	70.50	4		86.65-3	3197	9.75	70.75	4		84.98-3
3148	8.75	88.50	5		76.40-3	3198	9.75	96.50	6/7	2AC	70.93-4
3149	8.75	96.75	6		67.22-4	3199	9.75	97.25	6/7	2AC	66.56-3
3150	8.75	96.75	6		74.47-4	3200	9.75	97.25	6/7	2AC	81.81-4
3151	8.75	96.75	6		67.25-3	3201	9.75	97.25	6/7	2AC	73.15-3
3152	8.75	97.00	6		62.19-3	3202	9.75	145.50	10		80.44-5
3153	8.75	97.25	6		68.11-4	3203	10.00	96.25	7		58.51-3
3154	8.75	120.50	7		57.49-3	3204	10.00	96.50	7		67.48-4
3155	8.75	120.75	7		67.05-4	3205	10.00	97.00	7		74.49-4
3156	8.75	148.75	9		54.70-4	3206	10.00	97.50	7		76.55-4
3157	9.00	96.25	6		69.57-4	3207	10.00	97.50	7		59.02-3
3158	9.00	96.50	6		79.25-4	3208	10.25	72.75	5		54.10-2
3159	9.00	96.50	6		66.64-3	3209	10.25	73.00	5		55.10-2
3160	9.00	97.00	6		75.10-4	3210	10.25	96.50	7		76.06-4
3161	9.00	120.50	7/8	2AC	57.43-3	3211	10.25	96.75	7		52.44-3
3162	9.00	120.75	7/8	2AC	75.36-4	3212	10.25	96.75	7		73.82-4
3163	9.00	120.75	7/8	2AC	79.29-4	3213	10.25	97.00	7		59.74-3
3164	9.00	169.00	10/11	2AC	76.48-5	3214	10.25	97.00	7		58.90-3
3165	9.00	169.75	10/11	2AC	62.83-5	3215	10.25	97.25	7		59.92-3
3166	9.00	192.75	12		70.01-6	3216	10.25	97.50	7		75.08-4
3167	9.00	193.75	12		54.90-6	3217	10.25	97.75	7		57.45-3
3168	9.25	72.75	5		69.85-3	3218	10.25	120.75	9		66.36-4
3169	9.25	72.75	5		54.92-2	3219	10.25	121.50	9		65.82-4
3170	9.25	72.75	5		68.77-3	3220	10.25	169.25	12		57.80-6
3171	9.25	73.00	5		55.43-2	3221	10.25	193.50	14		71.38-7
3172	9.25	96.50	6		67.36-3	3222	10.25	193.50	14		71.77-7
3173	9.25	97.25	6		84.90-4	3223	10.50	75.00	5		66.13-2

Continued

Table 15.—Board information report for No. 2A Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
3224	10.50	96.25	7		60.31-3
3225	10.50	97.00	7		81.71-4
3226	10.50	145.50	10/11	2AC	64.13-5
3227	10.75	96.75	7		71.51-4
3228	10.75	97.00	7		61.10-3
3229	10.75	97.00	7		73.00-4
3230	10.75	168.75	13		65.87-5
3231	10.75	169.50	13		69.44-5
3232	11.00	121.50	9		60.33-4
3233	11.00	144.75	11		70.45-5
3234	11.25	52.00	4		78.33-3
3235	11.25	91.75	7		68.19-4
3236	11.25	169.25	13		61.28-6
3237	11.25	169.50	13		58.28-6
3238	11.50	96.75	8		62.83-4
3239	11.50	97.50	8		56.34-3
3240	11.50	169.50	13		73.80-6
3241	11.75	97.50	8		67.73-4
3242	11.75	145.25	12		62.33-5
3243	12.00	97.50	8		64.39-4
3244	12.25	193.00	16		71.16-7
3245	12.50	48.50	4		79.96-3
3246	12.50	74.75	6		64.35-3
3247	13.00	96.50	9		70.94-4
3248	13.00	97.50	9		54.68-4

2A Common

Table 16.—Board information report for No. 3A Common lumber

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
3249	3.50	128.75	3		33.61-1	3299	5.50	73.00	3		37.75-1
3250	3.75	120.75	3		88.33-3	3300	5.50	73.00	3		64.11-2
3251	3.75	121.75	3		73.25-3	3301	5.50	73.00	3		34.33-1
3252	3.75	133.25	3		91.56-3	3302	5.50	73.00	3		40.50-2
3253	4.00	73.00	2		65.54-2	3303	5.50	73.00	3		66.19-2
3254	4.00	97.75	3		54.17-2	3304	5.50	73.00	3		36.75-1
3255	4.00	98.00	3		53.28-2	3305	5.50	73.00	3		33.42-1
3256	4.00	108.50	3		52.08-2	3306	5.50	73.00	3		41.92-1
3257	4.00	121.00	3		83.28-3	3307	5.50	73.00	3		38.19-1
3258	4.00	146.50	4		48.48-3	3308	5.50	73.00	3		53.42-2
3259	4.00	146.75	4		71.90-4	3309	5.50	73.50	3		56.06-2
3260	4.00	169.75	5		53.08-3	3310	5.50	74.00	3		34.39-1
3261	4.25	49.00	1		64.42-1	3311	5.50	74.25	3		47.06-2
3262	4.25	97.75	3		47.97-2	3312	5.50	96.50	4		39.88-1
3263	4.25	98.00	3		35.36-1	3313	5.50	96.75	4		45.92-3
3264	4.50	49.75	1/2	Below	57.58-1	3314	5.50	96.75	4		42.69-2
3265	4.50	60.00	2		34.33-1	3315	5.50	96.75	4		43.79-3
3266	4.50	98.50	3		52.67-2	3316	5.50	97.00	4		38.85-2
3267	4.75	49.50	2		46.08-1	3317	5.50	97.00	4		43.69-1
3268	4.75	49.50	2		40.42-1	3318	5.50	119.50	4		43.96-2
3269	4.75	49.50	2		46.54-1	3319	5.50	120.00	5		45.08-3
3270	5.00	50.00	2		46.21-1	3320	5.50	120.25	5		37.92-2
3271	5.00	50.75	2		41.33-1	3321	5.50	120.25	5		51.18-3
3272	5.25	49.00	2		41.00-1	3322	5.50	120.75	5		34.07-2
3273	5.25	49.00	2		45.12-1	3323	5.50	120.75	5		40.13-3
3274	5.25	49.00	2		38.29-1	3324	5.50	121.00	5		35.03-2
3275	5.25	49.00	2		36.12-1	3325	5.50	121.00	5		46.27-2
3276	5.25	72.00	3		65.33-2	3326	5.50	121.00	5		47.83-3
3277	5.25	73.00	3		51.53-2	3327	5.50	121.00	5		61.22-3
3278	5.25	73.00	3		54.92-2	3328	5.50	121.00	5		43.35-2
3279	5.25	74.00	3		35.25-1	3329	5.50	121.00	5		45.65-2
3280	5.25	74.25	3		36.75-1	3330	5.50	123.75	5		75.33-4
3281	5.25	98.00	3/4	3AC	81.03-3	3331	5.50	133.75	5		57.93-4
3282	5.25	121.00	4		35.81-1	3332	5.50	144.25	5/6	3AC	49.80-3
3283	5.25	145.25	5		35.08-2	3333	5.50	144.50	5/6	2AC	60.10-3
3284	5.25	169.25	6		33.33-2	3334	5.50	144.50	5/6	3AC	43.10-3
3285	5.25	169.50	6		40.53-3	3335	5.50	145.00	5/6	3AC	49.47-3
3286	5.25	170.25	6		53.33-4	3336	5.50	145.00	5/6	Below	38.03-2
3287	5.25	193.75	7		48.49-4	3337	5.50	145.00	5/6	3AC	48.32-2
3288	5.25	193.75	7		48.12-3	3338	5.50	145.25	5/6	3AC	59.90-4
3289	5.50	48.00	2		49.21-1	3339	5.50	145.25	5/6	3AC	52.53-4
3290	5.50	48.75	2		57.12-2	3340	5.50	145.25	5/6	Below	33.80-2
3291	5.50	49.00	2		46.29-1	3341	5.50	145.25	5/6	3AC	52.40-3
3292	5.50	49.00	2		35.00-1	3342	5.50	145.25	5/6	3AC	58.38-3
3293	5.50	49.00	2		46.79-1	3343	5.50	145.25	5/6	3AC	48.70-3
3294	5.50	49.00	2		41.42-1	3344	5.50	145.25	5/6	3AC	54.33-3
3295	5.50	49.50	2		46.29-1	3345	5.50	145.25	5/6	3AC	56.75-3
3296	5.50	72.75	3		66.22-2	3346	5.50	145.25	5/6	3AC	41.33-2
3297	5.50	73.00	3		61.03-2	3347	5.50	158.50	6		43.75-2
3298	5.50	73.00	3		48.06-2	3348	5.50	165.75	6		42.12-3

Continued

Table 16.—Board information report for No. 3A Common lumber (continued)

Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings	Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
3349	5.50	169.25	6		37.43-2	3399	5.75	169.50	7		34.26-3
3350	5.50	169.25	6		34.53-2	3400	5.75	169.50	7		37.61-2
3351	5.50	169.25	6		36.06-3	3401	5.75	171.75	7		37.23-2
3352	5.50	187.00	7		45.18-3	3402	5.75	190.75	7		34.48-3
3353	5.75	49.00	2		57.54-2	3403	5.75	192.00	8		40.19-3
3354	5.75	49.00	2		38.54-1	3404	5.75	193.25	8		43.75-4
3355	5.75	49.00	2		0.00-0	3405	5.75	193.50	8		43.81-4
3356	5.75	49.50	2		48.92-1	3406	6.00	48.50	2		45.83-1
3357	5.75	72.75	3		62.39-2	3407	6.00	49.50	2		41.21-1
3358	5.75	72.75	3		56.97-2	3408	6.00	49.50	2		42.88-1
3359	5.75	72.75	3		45.58-1	3409	6.00	49.50	2		36.88-1
3360	5.75	73.00	3		50.36-2	3410	6.00	49.75	2		33.33-1
3361	5.75	73.00	3		39.58-1	3411	6.00	49.75	2		48.00-1
3362	5.75	73.00	3		33.61-1	3412	6.00	49.75	2		46.17-1
3363	5.75	74.75	3		36.64-2	3413	6.00	72.75	3		48.78-2
3364	5.75	96.50	4		41.75-3	3414	6.00	74.25	3		48.83-2
3365	5.75	96.50	4		47.98-2	3415	6.00	118.25	4/5	3AC	67.62-4
3366	5.75	96.75	4		39.23-2	3416	6.00	119.00	4/5	3AC	45.44-2
3367	5.75	96.75	4		49.02-2	3417	6.00	120.25	5		0.00-0
3368	5.75	96.75	4		34.21-2	3418	6.00	120.50	5		36.47-3
3369	5.75	96.75	4		39.54-2	3419	6.00	121.00	5		48.43-3
3370	5.75	96.75	4		0.00-0	3420	6.00	121.00	5		41.12-3
3371	5.75	96.75	4		47.29-3	3421	6.00	121.00	5		41.03-3
3372	5.75	97.00	4		38.19-1	3422	6.00	145.00	6		36.93-3
3373	5.75	114.00	4		44.00-2	3423	6.00	145.25	6		36.71-3
3374	5.75	120.00	5		61.90-4	3424	6.00	169.50	7		40.50-4
3375	5.75	120.75	5		58.45-3	3425	6.25	48.50	2		44.00-1
3376	5.75	121.00	5		50.57-3	3426	6.25	49.50	2		42.54-1
3377	5.75	121.00	5		56.23-3	3427	6.25	73.25	3		64.75-2
3378	5.75	121.00	5		37.82-2	3428	6.25	121.00	5		53.07-3
3379	5.75	121.00	5		60.43-3	3429	6.25	143.50	6		36.88-2
3380	5.75	121.00	5		55.50-3	3430	6.50	49.50	2		0.00-0
3381	5.75	121.00	5		48.10-2	3431	6.50	61.75	3		50.69-2
3382	5.75	121.00	5		58.42-3	3432	6.50	72.75	3		54.42-2
3383	5.75	121.00	5		40.10-2	3433	6.50	73.00	3		47.08-2
3384	5.75	122.00	5		36.72-2	3434	6.50	73.50	3		38.19-1
3385	5.75	143.25	5		46.38-3	3435	6.50	96.25	4		37.65-2
3386	5.75	144.25	6		33.35-2	3436	6.75	49.25	2		0.00-0
3387	5.75	144.75	6		47.53-3	3437	6.75	49.50	2		46.88-1
3388	5.75	145.00	6		47.53-3	3438	6.75	72.25	3		43.92-2
3389	5.75	145.00	6		38.33-2	3439	6.75	72.50	3		47.58-2
3390	5.75	145.25	6		39.49-3	3440	6.75	145.00	7		42.38-4
3391	5.75	145.25	6		33.40-3	3441	7.00	49.50	2		40.88-1
3392	5.75	145.25	6		36.51-3	3442	7.00	73.25	3/4	3AC	54.00-3
3393	5.75	145.25	6		45.86-3	3443	7.00	96.25	5		35.67-2
3394	5.75	145.25	6		44.72-2	3444	7.25	76.75	4		42.31-2
3395	5.75	145.25	6		42.29-3	3445	7.25	96.75	5		57.72-4
3396	5.75	145.50	6		44.79-3	3446	7.25	120.00	6		41.07-2
3397	5.75	168.00	7		47.96-4	3447	7.25	169.50	8		42.69-3
3398	5.75	169.25	7		37.31-4	3448	7.50	72.75	4		34.50-2

Continued

Table 16.—Board information report for No. 3A Common lumber (continued)

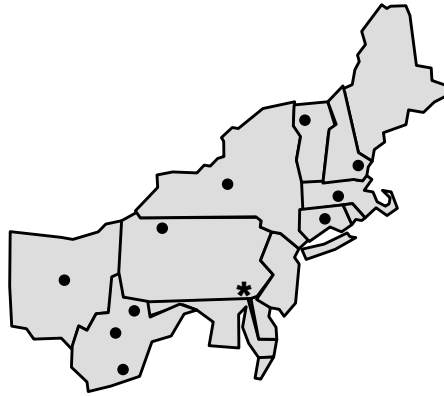
Board number	Measured width (inches)	Length (inches)	Surface measure (feet)	Larger S.M. grade	% S.M. & No. of cuttings
3449	7.50	74.25	4		48.15-2
3450	7.50	74.25	4		48.15-2
3451	7.50	97.25	5		40.28-2
3452	7.75	48.00	3		48.72-2
3453	7.75	49.50	3		43.67-2
3454	7.75	49.50	3		45.75-2
3455	7.75	49.50	3		43.44-2
3456	7.75	49.50	3		45.28-2
3457	7.75	49.50	3		55.78-2
3458	7.75	49.75	3		47.67-1
3459	7.75	55.00	3		60.47-3
3460	7.75	96.50	5		50.07-3
3461	7.75	145.00	8		47.28-4
3462	7.75	145.00	8		41.81-4
3463	7.75	145.25	8		40.91-5
3464	8.00	58.00	3		55.28-3
3465	8.00	61.75	3		37.97-1
3466	8.00	96.50	5		56.17-4
3467	8.00	96.50	5		39.07-2
3468	8.00	121.00	7		35.50-3
3469	8.00	145.00	8		34.72-3
3470	8.25	49.00	3		66.67-3
3471	8.25	73.25	4		54.27-3
3472	8.25	96.75	5/6	3AC	50.48-3
3473	8.25	120.50	7		36.95-3
3474	8.25	120.75	7		57.86-5
3475	8.25	145.25	8		50.18-5
3476	8.50	48.50	3		48.78-2
3477	8.50	95.50	5		42.18-3
3478	8.75	72.00	4		43.31-3
3479	8.75	138.75	8		43.78-4
3480	9.25	73.00	5		61.40-4
3481	9.25	74.25	5		53.40-4
3482	9.50	72.50	5		41.37-3
3483	9.75	72.75	5		42.92-3
3484	10.00	72.75	5		57.33-3
3485	10.50	73.00	5		47.48-3
3486	10.75	54.00	4		39.98-2
3487	11.75	72.50	6		42.44-3

Gatchell, Charles J.; Thomas, R. Edward; Walker, Elizabeth S. 1998. **1998 data bank for kiln-dried red oak lumber**. Gen.Tech. Rep. NE-245. Radnor, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. 60 p.

A collection of 3,487 fully described, kiln-dried red oak boards totaling 20,021 board feet. The boards, which are straight or contain no more than 1/4 inch of crook, are FAS, FAS ONE FACE (F1F), Selects, No. 1 Common, No. 2A Common, or No. 3A Common. The boards were graded with the UGRS (Ultimate Grading and Remanufacturing System) computer program. After the grade was determined, the maximum grading surface in the maximum number of grading cuttings was determined to allow studies of quality within lumber grades. Written for researchers and industry decisionmakers who may have only a limited knowledge of the NHLA grades, the data bank contains a limited description of factors affecting the grades. The computer program MAKEFILE is included to allow the user to create data files of smaller samples from the full data bank.

Keywords: Lumber data bank, hardwood lumber grades, grading, board quality, UGRS, ROMI-RIP, ROMI-CROSS, simulation





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