

Form A.9.1–MEADOW GEOMORPHIC & HYDROLOGIC DATA		Date:	Observer:
Watershed Name:		Database Code:	
Meadow Name:			
UTM Zone:		Elevation (m):	
Coordinates (UTMs): Northing		Easting	
Location in Watershed: Low Mid High			
Definitions of terms and methods of data collection are in Appendix 9, exhibit A.9.1 and illustrations of meadow hydrologic types are in Appendix 9, figure A.9.3. Definitions of the meadow vegetation types are in Appendix 3, exhibit A.3.1 and the species contained within each meadow vegetation type are in Appendix 9, table A.9.1.			
Meadow Size			
Length parallel to valley (m): _____		Approximate area (ha): _____	
Length perpendicular to valley (m): _____			
Geomorphic Position (check 1, 2, or 3)			
(1) Large meadow upstream of an alluvial fan or bedrock constriction			
(2) Large meadow in the valley bottom with no alluvial fan or bedrock constriction present			
(3) Spring-fed meadow on part of valley floor with no stream contact			
Groundwater Sources and Springs			
Groundwater source is down valley; meadow gradually becomes wetter down valley: no yes			
Springs located along edge of valley floor (#): none 1-3 4-6 >6			
Springs not located along edge of valley floor (#): none 1-3 4-6 >6			
Stream Connection to Meadow (check 1, 2, 3, or 4):			
(1) Stream bisects meadow (2) Stream on one side of meadow (3) Stream in valley but doesn't contact meadow (4) No stream in same part of valley as meadow			
Stream and Groundwater Influence on Meadow Hydrology (check 1, 2, 3, or 4)			
(1) Gaining stream – drier meadow vegetation types near stream (2) Losing stream – wetter meadow vegetation types near stream (3) No obvious pattern (4) Stream does not bisect meadow			
Meadow Complexity (circle 1, 2, or 3)			
(1) Simple (2) Moderate (3) Complex			
Vegetation/incision Patterns Perpendicular to Stream (check 1, 2, 3, or 4)			
(1) No change in vegetation type crossing stream (2) Minor shift from wetter to drier vegetation types adjacent to stream (3) Major shift from wetter to drier vegetation types adjacent to stream (4) N/A			
Meadow Hydrologic Type (check 1, 2, 3, 4, 5, or 6)			
<i>Use answers above and information in Appendix 9, figure A.9.3 to determine type.</i>			
(1) Simple, not degraded by stream (2) Simple, minimally degraded by stream (3) Simple, degraded by stream (4) Complex, minimally degraded by stream (5) Complex, degraded by stream			
(6) Other (describe): _____			
Notes:			

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Meadow Drawing: A map of the meadow is drawn in the field that includes the stream, meadow types, relation of stream to meadow vegetation types, and locations of springs in the meadow. The scale is shown. Ideally, an aerial photograph of the meadow is used to illustrate these features (see Appendix 9, figures A.9.1, A.9.2). Alternatively, a sketch of the meadow can be drawn by hand.