

Ecological site R043BY278WY Wetland Foothills and Mountains West

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Rangeland health reference sheet

Interpreting Indicators of Rangeland Health is a qualitative assessment protocol used to determine ecosystem condition based on benchmark characteristics described in the Reference Sheet. A suite of 17 (or more) indicators are typically considered in an assessment. The ecological site(s) representative of an assessment location must be known prior to applying the protocol and must be verified based on soils and climate. Current plant community cannot be used to identify the ecological site.

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Approval date	
Composition (Indicators 10 and 12) based on	Annual Production

Indicators

1110	ilicators
1.	Number and extent of rills: Rare to nonexistent.
2.	Presence of water flow patterns: Water flow patterns sometimes evident in floodplain zone where this site occurs.
3.	Number and height of erosional pedestals or terracettes: Rare to nonexistent.
4.	Bare ground from Ecological Site Description or other studies (rock, litter, lichen, moss, plant canopy are not bare ground): Bare ground is typically less than 1%.
5.	Number of gullies and erosion associated with gullies: Active gullies should not be present.
6.	Extent of wind scoured, blowouts and/or depositional areas: Minimal to nonexistent.

7. Amount of litter movement (describe size and distance expected to travel): Herbaceous litter exhibits slight

movement only associated with water flow patterns.

ll show a range of				
ickness): Soil d OM of 10-20%. -60% OM.				
nd spatial and 0-20% shrubs. for this site until s site as well.				
ch may be				
Functional/Structural Groups (list in order of descending dominance by above-ground annual-production or live foliar cover using symbols: >>, >, = to indicate much greater than, greater than, and equal to):				
al shrubs>cool				
how mortality or				
ement with total litter es from 20-35 mm.				
t forage annual- average).				

become dominant for only one to several years (e.g., short-term response to drought or wildfire) are not

nistle is a common inva	asive species.					
Perennial plant reproductive capability: All species are capable of reproducing, except in drought years.						