



Source: Esri, Mapbox, Landsat GeoEye, and the GIS User Community



38.71760, -120.09709

Caples-Kirkwood Lake
Eldorado National Forest

Meadow Condition Scorecard

Version: 10/6/19

Meadow Name <u>KIRKWOOD LAKE</u>	Date: <u> </u> / <u> </u> / <u> </u> MM DD YYYY
GPS Location: _____ N _____ W	
GPS Datum (e.g., WGS 84, NAD 27) _____	
Elevation (m) _____	Slope (°) _____
County _____	
Watershed (HUC8) _____	Landowner _____
USGS Quad Name _____	7.5' or 15' (circle one)
Observers: <u>BELLA & PETE</u>	

Parameter	CONDITION CATEGORY			
	Natural Condition	Slightly impacted	Moderately impacted	Heavily impacted
1. Bank Height in Main Channel (measured in the riffle).	Little or no channel incision. Banks 0-2 feet high along >95% of the channel length.	Bank heights of 2-4 feet along less than 25% of the channel length; 0-2 feet elsewhere.	Bank heights of 2-4 feet along 25% or more of channel length; higher than 4 feet along less than 25% of channel length.	Bank heights > 4 feet along 25% or more of channel length. Note if sections of channel have banks 0-2 feet high.
Score:	4	<u>3</u>	4	1
Second Channel (if present):	4	3	2	1
2. Bank Stability	<5% of bank length is unstable.	5-20% of bank length is unstable.	20-50% of bank is unstable	>50% of bank is unstable.
Score:	4	<u>3</u>	2	1
Second Channel (if present):	4	3	2	1
3. Gullies/ditches outside of main channel	No gullies or ditches impacting hydrology outside of the main channel	Ditch or start of a gully outside of the main channel. Combined length of all gullies & ditches is less than 1/10 th meadow length.	Combined length of all gullies and ditches up to 1/2 of meadow length	Combined length of all gullies and ditches is greater than 1/2 of meadow length.
Score:	4	<u>3</u>	2	1
4. Vegetation Cover	Graminoids account for 75-100% of the area covered by vegetation	50-75% graminoid cover	Forbs dominate. 25-50% graminoid cover.	Forbs dominate. <25% graminoid cover.
Score:	4	3	<u>2</u>	1
5. Bare Ground	Bare ground covers less than 5% of the meadow area.	Bare ground covers 5-10% of meadow area	Bare ground covers 10-15% of meadow area.	Bare ground covers > 15% of meadow area.
Score:	4	3	2	<u>1</u>
6. Conifer or Upland Shrub Encroachment	No upland shrub or conifer encroachment. Raised, topographically distinct areas may have upland species present, but not the meadow surface.	Few encroaching upland species; <10% of total meadow area	Encroaching upland species cover 10-20% of total meadow area	Encroaching upland species cover >20% of total meadow area
Score:	4	3	2	<u>1</u>
Total				<u>13</u>
Possible Points				<u>24</u>
Total/Possible				<u>54.2%</u>



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Additional Observations:

1. Yes No Evidence of conservation or restoration efforts (check dams, stabilized headcuts, enclosure fencing, etc.) Photo Numbers: _____
Description: _____

2. Yes No Headcut present in meadow? Number of headcuts _____
Describe headcuts (Photo number, jump height, width, length, movement potential, GPS or record location on map):

3. Yes No Meadow contains inset floodplain surrounded by upland vegetation?
Describe _____

4. Yes No Invasive species observed? Describe _____

5. Yes No Fish observed? Describe _____

6. Recent Old None Evidence of beavers? Describe _____

7. Yes No Aspen present in or adjacent to meadow?

8. Yes No Accessible by vehicle?

Grazing observations. Check all that are present:

Trails Stubble Dung in channels Hoof prints on banks

10. Human impacts. Check all that are present in the meadow:

Trail Evidence of OHV use Road Corral Building

11. Adjacent land use. Check all that are present within 200 yards of meadow:

Culvert Bridge Road Building

12. Gopher disturbance covers 0 % of meadow area (from toe-point transects).

13. Willow, alder and aspen cover 5 % of meadow area.

14. Comments on ease of/ barriers to restoration (e.g., are impacts localized or disbursed throughout meadow, access, adjacent land use)

500 ft below LAKE MARGARET MEADOW. REALLY difficult access

Additional Notes & Comments:

Meadow Name/Number _____ Date _____

Observers _____

	Graminoid	Forb	Bare: No Gopher	Bare: Yes Gopher	Other Cover: moss, litter, shrubs, etc.	Draw channel cross section, Label heights and widths
Upper Transect						
Middle Transect	 13	 10			 27	
Lower Transect						
Sub-total	A: 13	B: 10	C:	D:	E: 27	

Total:	= A+B+C+D+E	50
Total Veg:	= A+B	23
Total Bare:	= C+D	0

% Graminoid (Question 4)	= A/Total Veg X 100%	26%
% Bare (Question 2)	= Total Bare / Total X 100%	0% 54%
% Gopher Disturbed (for Add'l ?'s)	= D/Total X 100%	0%

Meadows Assessment Photo Log

Photo #	Description	Notes
1003	Top of meadow overview	
1004	Gully feature outside of main channel	
1005	Bottom of meadow overview	
1006	TM overview L-R	
1007	TM channel overview	
1008	TM DownStream	
1009	TM upstream	
1010	TM R-L overview	
1011	TM overview	
1011	"LAKE" section of meadow covered in gramainoid	

