



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Forni- Lower Forni
El Dorado National Forest

38.80280,-120.22932

Meadow Condition Scorecard

Version: 10/6/19

Meadow Name Lower Forni Date: / /
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: Julia, Bella, Gordon, & Pete

CONDITION CATEGORY

Parameter	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	3	2	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	3	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	3	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	2	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	1
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	1

Total	20
Possible Points	24
Total/Possible	83.33%



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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):
Photo #5 - ~1ft jump, ~10ft wide, could move up into river L side of meadow

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 _____
No beaver, but lots of large downed trees in channel capturing sediment

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

8. Yes No Accessible by vehicle?
Not really

9. Grazing observations. Check all that are present: *Not active*
 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 Cabins

11. Adjacent land use. Check all that are present within 200 yards of meadow:
 Culvert Bridge Road Building Relic/Historic Road

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

13. Willow, alder and aspen cover 0 % of meadow area.

14. Comments on ease of/ barriers to restoration (e.g., are impacts localized or disbursed throughout meadow, access, adjacent land use) *possible private land • Access not easy*

Additional Notes & Comments:

0 2 burn piles present in meadow

Meadow Name/Number Lower Forni
 Observers _____

Date 8/22/23

	Graminoid	Forb	Bare: No Gopher	Bare: Yes Gopher	Other Cover: moss, litter, shrubs, etc.	Draw channel cross section, Label heights and widths
Upper (T1) Transect	HHH HHH 10	HHH HHH HHH HHH HHH HHH 30			HHH 5	Gully, ~2ft wide, ~1ft deep Channel: ~3ft wide, no banks
Middle (T2) Transect	HHH HHH HHH HHH 20	HHH 5			HHH 4	 ~1ft deep ~4ft wide
Lower (T3) Transect	HHH HHH HHH 14	HHH HHH HHH HHH HHH HHH HHH 36				No distinct channel
Sub-total	A: 44	B: 71	C:	D:	E: 9	

Total:	= A+B+C+D+E	124
Total Veg:	= A+B	115
Total Bare:	= C+D	0

% Gramminoid (Question 4)	= A/Total Veg X 100%	35%
% Bare (Question 2)	= Total Bare/Total X 100%	70%
% Gopher Disturbed (for Add'l ?'s)	= D/Total X 100%	0%

Meadows Assessment Photo Log

Photo #	Description	Notes
IPAD-1	T1 Overview	
IPAD-2	T1 Downstream	
IPAD-3	T1 Upstream	
IPAD-4	Bank in mid meadow	3-6 in bank along channel
IPAD-5	Headcut in lower meadow	
IPAD-6	T2 overview, R to L	
IPAD-7	T2 Channel overview R to L	
IPAD-8	T2 channel Downstream R to L	
IPAD-9	T2 Channel upstream	
IPAD-10	T2 channel L to R	
IPAD-11	T2 overview, L to R	
IPAD-12	T3 Overview, L to R	
IPAD-13	T3 overview, R to L	
IPAD-14	old road entering top of meadow	seems to be channelizing flow a bit

