

DESCRIPTION, INVENTORY AND ANALYSIS OF ALLOTMENT

Class of stock Sheep Stocking (AUs) 150 (AUMs) 750

Season of grazing (Dates) May 16 to October 15

Character of topography Level to moderately rolling

Table 1. Area of natural vegetation types and culturally treated areas grazed by livestock and by game

Vegetation types and culturally treated areas <u>1/</u>	Total area of type		Area grazed by livestock		Area grazed by game	
			At present	30 years from now <u>2/</u>	At present	30 years from now <u>2/</u>
(name)	(acres)	(per-cent)	(acres)	(acres)	(acres)	(acres)
Grassland	1200	37	1200	1200	1200	1200
Sagebrush	2034	63	2034	2034	2034	2034
Other						
Allotment Total	3234	100	3234	3234	3234	3234

1/ List culturally treated areas under appropriate vegetation types.
2/ Under improved management.

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			At present	30 years from now <u>2/</u>	At present	30 years from now <u>2/</u>
(name)	(acres)	(per-cent)	(acres)	(acres)	(acres)	(acres)
Clayey	300	9	300	300	300	300
Dense Clay	1074	33	1074	1074	1074	1074
Overflow	87	3	87	87	87	87
Panspots	914	28	914	914	914	914
Saline Upland	455	14	455	455	455	455
Shallow clay	404	13	404	404	404	404
Other						
Allotment Total	3234	100	3234	3234	3234	3234

1/ List culturally treated areas under appropriate vegetation types.
2/ Under improved management.

Table 2. Composition, value, use and development of plant species in natural vegetation type or culturally treated area

Type or treated area (name) Sagebrush

Species	Amount in cover	Forage value				Utilization ave.	Start growth	Development Flowering	Seed ripe	Regrowth 3/ Leaves -twigs	Flower stalks
		Ex	Gd	Fr	Pr						
Grasses & Grass-like											
	2/ (percent)	Check one)				(Perc 't)	(date)	(data)	(data)	(data)	(date)
Agropyron smithii	25	X				35	4E	7M	8M	6L	
Agropyron dasystachyum	15			X		35	4M	7M	8M	6L	
Bouteloua gracilis	3	X				30	4M	7M	8M	7E	
Buchloe dactyloides	2	X				30	4M	7M	8M	7M	
Calamagrostis montanensis	T				X	T	4L	7E	8E	6E	
Calamovilfa longifolia	10			X		50	4L	7M	8M	7E	
Carex sp.	5	X				60	4E	5E	5L	5E	
Distichlis stricta	T					20	5E	7E	8E	6L	
Poa pratensis	2	X				60	4M	6E	7M	5M	
Poa secunda	3	X				70	4E	5E	6L	5M	
Stipa comata	T	X				10	4E	6M	7L	6E	
Stipa viridula	5	X				20	4E	6L	7M	6M	
Total	70										
Forbs											
Achillea lanulosa	T				X	0	4M	6M	7M	-	
Allium sp.	1			X		70	4E	5E	6M	-	
Crisium undulatum	T				X	0	5M	7L	8L	-	
Eriogonum sp.	3			X		5	5E	6L	7L	-	
Lomatium foeniculacium	1	X				80	4E	4L	5L	-	
Musineon dovaricatum	T			X		20	4E	4L	5L	-	
Total	5										
Shrubs and trees 1/											
Artemisia tridentata	19			X		50	4M	8M	9M	-	
Atriplex nutallii	5	X				90	4M	7E	8L	-	
Chrysothamnus nauseosus	T	X				90	4M	8M	9L	-	
Gutierrezia sarothrae	T				X	0	4M	8M	9M	-	
Opuntia polyacantha	T				X	0	4L	6E	T	-	
Rosa arkansana	1			X		0	5E	6M	7E	-	
Total	25										
Grand Total	100										

1/ Including conifers
 2/ For trees and shrubs include estimates only for species that can be changed or removed in a range improvement program.
 3/ How late in spring can the species be grazed and still produce grazable leaves or twigs or seed-producing flower stalks?

Table 2. Composition, value, use and development of plant species in natural vegetation type or culturally treated area

Species	Amount in cover	Forage value				Utilization ave.	Start growth	Development Flowering	Seed ripe	Regrowth 3/ Leaves -twigs	Flower stalks
		Ex	Gd	Fr	Pr						
Type or treated area (name) <u>Grassland</u>											
Grasses & Grass-like	2/ (percent)	Check one)				(Perc 't)	(date)	(date)	(date)	(date)	(date)
Agropyron smithii	40	X				35	4E	7M	8M	6L	
Agropyron dasystachyum	26			X		35	4M	7M	8M	6L	
Bouteloua gracilis	5	X				30	4M	7M	8M	7E	
Calamagrostis montanensis	T				X	T	4L	7E	8E	6E	
Buchloe dactyloides	T		X			30	4M	7M	8M	7M	
Calamovilfa longifolia	4			X		50	4L	7M	8M	7E	
Carex sp.	5		X			60	4E	5E	5L	5E	
Distichlis stricta	1			X		20	5E	7E	8E	6L	
Poa pratensis	T	X				60	4M	6E	7M	5M	
Poa secunda	6	X				70	4E	5E	6L	5M	
Stipa comata	Total	X				10	4E	6M	7L	6E	
Stipa viridula	1	X				20	4E	6L	7M	6M	
Total	88										
FORBS:											
Achillea lanulosa	T				X	0	4M	6M	7M	-	
Allium sp.	3			X		70	4E	5E	6M	-	
Crisium undulatum	T				X	0	5M	7L	8L	-	
Eriogonum sp.	T			X		5	5E	6L	7L	-	
Lomatium foeniculacium	2		X			80	4E	4L	5L	-	
Musineon dovaricatum	1			X		20	4E	4L	5L	-	
Total	6										
Shrubs and trees 1/											
Artemisia tridentata	5			X		50	4M	8M	9M	-	
Atriplex nutallii	T	X				90	4M	7E	8L	-	
Chrysothamnus nauseosus	T	X				90	4M	8M	9L	-	
Gutierrezia sarothrae	T				X	0	4M	8M	9M	-	
Opuntia polyacantha	1				X	0	4L	6E	7T	-	
Rosa arkansana	T			X		0	5E	6M	7E	-	
Total	6										
Grand Total	100										

- 1/ Including conifers
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- 3/ How late in spring can the species be grazed and still produce grazable leaves or twigs or seed-producing flower stalks?

