

APPENDIX N

STOCKING RATE ADJUSTMENTS

Table N-1 presents the short-term changes in AUMs for each allotment in Category I. These are target AUM values and serve only to approximate changes in AUMs for the purpose of impact analysis.

In all cases, Active Grazing Preference (an AUM figure) was the basis for calculating the percent change proposed under each alternative. In arriving at the target AUM values, several sources of data were used. An estimate of proper stocking rate, based on SCS's *Montana Grazing Guides* (USDA, SCS n.d.) and unpublished technical range site descriptions, was available for all but two of the I allotments. Several range surveys conducted prior to 1978 covered a number of the allotments

and were consulted. Some of the allotments have been monitored for actual use and utilization in recent years. This data is normally a very sensitive estimate of carrying capacity. In some allotments, annual changes in livestock use have been applied for, and approved, at levels lower than Active Preference (nonuse) and at levels exceeding Active Preference (temporary nonrenewable use). Where these annual variances have been repeated over a period of three years or more, this information was considered in developing target figures.

TABLE N-1
SHORT TERM CHANGES IN STOCKING RATES FOR 1 ALLOTMENTS BY ALTERNATIVE

Allotment Number	Allotment Name	Alternative A		Alternative B ²		Alternative C		Alternative D	
		AUMs	% Change	AUMs	% Change	AUMs	% Change	AUMs	% Change
0201	Missouri	74	0	74	0	74	0	74	0
0209	Dowdy Ditch	35	0	35	0	35	0	69	+97
0210	County Line	306	-45	559	0	214	-62	441	-21
0212	Boulder River	283	-54	611	0	269	-56	342	-44
0215	Breaks	45	-71	157	0	34	-78	81	-48
0219	Log Gulch	9 ^{1,2}	-25	12	0	9	-25	16	+33
0220	Bull Mountain	684 ³	0	684	0	533	-2	684	0
0225	Keating Gulch Common	519	0	519	0	519	0	519	0
0227	Kimber Diorite	383	+46	262	0	262	0	402	+53
0230	Whiskey Gulch	366 ⁴	+18	311	0	311	0	761	+144
0231	High Ore	333	0	333	0	333	0	405	+22
0233	Indian Creek	375	0	375	0	280	-25	375	0
0234	High Peak	117	+16	101	0	101	0	117	+16
0235	Devils Bottom	20 ²	0	20	0	20	0	29	+45
0238	Pole Canyon	130	0	130	0	130	0	166	+28
0242	Whitetail Basin	435	0	435	0	435	0	791	+82
0243	Devils Fence	356	-23	465	0	356	-23	546	+18
0245	Sugarloaf	400 ^{1,2}	-30	572	0	400	-30	542	-5
0247	Rawhide	64	0	64	0	64	0	78	+22
0248	Little Boulder	200	+75	114	0	114	0	325	+185
0249	Muskrat	109 ^{1,2}	-62	287	0	0	-100	137	-52
0258	Ringing Rocks	210	0	210	0	189	-10	318	+51
0261	Flood Place	20	0	20	0	20	0	28	+40
0263	Buffalo Creek	64	0	64	0	64	0	64	0
0264	Huller Spring	70	0	70	0	70	0	201	+187
0271	Sappington Spring	30	0	30	0	30	0	100	+233
0273	Limestone Hills	1,184	-38	1,927	0	1,066	-45	1,653	-14
0281	Limestone East	778	0	778	0	778	0	1,171	+50
0282	Summit	538	0	538	0	538	0	727	+35
0284	Copper City	250	+95	128	0	128	0	250	+95
0285	Cottonwood	88	-50	176	0	73	-58	176	0
0287	Horse Gulch	59	0	59	0	59	0	157	+166
0294	Rattlesnake	38	0	38	0	38	0	38	0
0358	Spring	57	0	57	0	57	0	57	0
0373	Pipestone	45	0	45	0	45	0	45	0
0375	East & West Pastures	126	-44	224	0	126	-44	224	0
0376	Toston Canal	170	0	170	0	170	0	170	0
0398	Sixmile	97	0	97	0	71	-27	97	0
0401	Confederate Gulch	244	0	244	0	244	0	286	+17
0414	Pole Gulch	330	-41	560	0	297	-47	560	0
0424	Greyson Creek	58	0	58	0	58	0	58	0
5412	Gold Run Creek	87	0	87	0	67	-23	87	0
5505	Airport	106	0	106	0	84	-21	106	0
6303	Chicken Coulee	279	0	279	0	279	0	399	+43
6307	East Front	442	-18	542	0	434	-20	604	+11
6312	Tunnel Lake	110	-38	177	0	110	-38	171	-3
7544	Big Gold Run Creek	68	0	68	0	68	0	107	+57
7609	Black Reef	180	-50	360	0	180	-50	197	-45
7610	Pothole	112	0	112	0	112	0	112	0
7612	Willow Creek Canal	125	0	125	0	125	0	125	0
7613	Alkali Flat	103	0	103	0	103	0	137	+33
7704	Oxbow	350	+714	43	0	43	0	429	+898
7713	Danas Bar	40	0	40	0	40	0	74	+85
7715	Centennial Gulch	223 ^{1,2}	-14	259	0	180	-30	259	0
7718	Wickiup Creek	50	-47	94	0	28	-70	94	0
7719	Sheriff Gulch	152	0	152	0	152	0	180	+18
7803	Deadman	40	0	40	0	40	0	40	0

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7804	Empire Creek	600	-12	686	0	600	-12	832	+6
7806	Ogilvie Creek	84	0	84	0	84	0	128	+52
7808	Lost Horse Creek	7	0	7	0	7	0	44	+528
7809	Gloster	99	0	99	0	51	-48	99	0
7810	Edwards Mountain	323	0	323	0	292	-9	323	0
7811	Drumlummon-Skelly	645	0	645	0	517	-19	645	0
7813	Marysville	39	0	39	0	39	0	63	+61
7818	Skelly Gulch	79	0	79	0	31	-61	79	0
7822	Iowa Gulch	74	0	74	0	74	0	98	+32
7823	Iron Siding	150	+188	52	0	52	0	179	+244
7824	Granite Creek	346	0	346	0	148	-57	346	0
7827	Blue Cloud	55	0	55	0	55	0	55	0
7959	Buffalo Hump	57	0	57	0	39	-31	57	0
7960	Whitetail Creek	75	0	75	0	45	-40	75	0
9660	Divide Creek	300	0	300	0	236	-21	300	0
9672	Eagle Creek	57	0	57	0	57	0	57	0
9698	Smith Creek	50	-36	78	0	12	-85	78	0
9708	Little Elk Creek	30	0	30	0	30	0	30	0
9743	Johnston	132	-54	286	0	86	-70	136	-52
9747	Hound	35	0	35	0	28	-20	35	0
Total AUMs		15,403		17,607		13,142		20,060	
Total AUM Increase		805		0		0		3,689	
Total AUM Decrease		3,009		0		4,465		1,236	
Net Change in AUMs		-2,204		0		-4,465		+2,453	
% Change from Current Authorized Use (Using the figure for the total AUMs for the whole resource area, which is 31,501 AUMs)									
			-7.0				-14.2		+7.8

¹Wildlife reduction

²Grazing System Implementation and/or change of season

³Change class of livestock

⁴South pasture only

*Corresponds to current active preference