

# Appendix B-1

## SUMMARY OF CURRENT AND PROPOSED STOCKING RATES<sup>1</sup> BASED ON ACREAGES FROM CAPABILITY MODEL

Land Unit	Allotment	Current Total NFS Primary Grazing Acres – Capability Model	Proposed Total NFS Primary Grazing Acres – Capability Model	Permitted Head Months (HMs <sup>2</sup> )	Proposed Head Months (HMs)	Permitted AUMs	Proposed AUMs	Current Stocking Rate in Acres per Cow/Calf Month (Ac/cm)	Proposed Stocking Rate in Acres per Cow/Calf Month (Ac/cm)	Current Stocking Rate in Acres per Animal Unit Month (Ac/AUM)	Proposed Stocking Rate in Acres per Animal Unit Month (Ac/AUM)
North Cave Hills	Pelham-Juberg	1652	1652	887 cm	887 cm	1171 AUMs	1171 AUMs	1.9 Ac/cm	1.9 Ac/cm	1.4 Ac/AUM	1.4 Ac/AUM
	Schleichart	3982	3982	1013 cm	1013 cm	1337 AUMs	1337 AUMs	3.9 Ac/cm	3.9 Ac/cm	3.0 Ac/AUM	3.0 Ac/AUM
	Davis Draw	647	647	640 cm	228 cm	845 AUMs	301 AUMs	1.0 Ac/cm	2.8 Ac/cm	0.8 Ac/AUM	2.1 Ac/AUM
	Jenkins	499	499	110 cm	162 cm	153 AUMs	196 AUMs	4.5 Ac/cm	3.1 Ac/cm	3.3 Ac/AUM	2.5 Ac/AUM
South Cave Hills	John Brown	1557	1557	654 cm	416 cm	863 AUMs	549 AUMs	2.4 Ac/cm	3.7 Ac/cm	1.8 Ac/AUM	2.8 Ac/AUM
	JA Clarkson	1410	1410	681 ym (= 361 cm <sup>3</sup> )	681 ym (=361 cm)	477 AUMs	477 AUMs	3.9 Ac/cm	3.9 Ac/cm	3.0 Ac/AUM	3.0 Ac/AUM
	JB Clarkson	1973	1973	793 cm	798 cm	1050 AUMs	1053 AUMs	2.5 Ac/cm	2.5 Ac/cm	1.9 Ac/AUM	1.9 Ac/AUM
	Van Offern	652	652	297 cm	302 cm	392 AUMs	399 AUMs	2.2 Ac/cm	2.2 Ac/cm	1.7 Ac/AUM	1.6 Ac/AUM
East Short Pines	Box Springs	1429	1429	706 bm	745 cm	932 AUMs	932 AUMs	2.0 Ac/cm	2.0 Ac/cm	1.5 Ac/AUM	1.5 Ac/AUM
	Dunn	1166	1166	452 cm <sup>4</sup>	451 cm	597 AUMs	595 AUMs	2.6 Ac/cm	2.6 Ac/cm	2.0 Ac/AUM	2.0 Ac/AUM
	Lone Mountain	631	631	151 cm	151 cm	199 AUMs	199 AUMs	4.2 Ac/cm	4.2 Ac/cm	3.2 Ac/AUM	3.2 Ac/AUM
Totals		15748	15748	6064	5462	8008	7213				

<sup>1</sup> Figures are for National Forest System land only.

<sup>2</sup> Head Months represent the class of livestock and how many can be carried in an area for one month. Head months can represent cow/calf months (cm), yearling months (ym), bison months (bm), etc.

<sup>3</sup> The following calculation was used to arrive at stocking rate unit of 2.8 acres/cow-calf month for comparison purposes in JA Clarkson even though current permit is for yearling months: 681 ym times conversion factor 0.7 = 477 AUMs divided by 1.32 = 361 cm. 1570 suitable acres divided by 420 cm = 3.7 ac/cm.

<sup>4</sup> Use varies by season on Dunn Allotment. The highest stocking figure is reflected in the table.

**SUMMARY OF CURRENT AND PROPOSED STOCKING RATES<sup>5</sup>  
BASED ON HISTORIC ACREAGES FROM INFRA DATABASE**

Land Unit	Allotment	Total NFS Suitable Grazing Acres - INFRA	Permitted Head Months (HMs <sup>6</sup> )	Proposed Head Months (HMs)	Permitted AUMs	Proposed AUMs	Current Stocking Rate in Acres per Cow/Calf Month (Ac/cm)	Proposed Stocking Rate in Acres per Cow/Calf Month (Ac/cm)	Current Stocking Rate in Acres per Animal Unit Month (Ac/AUM)	Proposed Stocking Rate in Acres per Animal Unit Month (Ac/AUM)
North Cave Hills	Pelham-Juberg	1842	887 cm	887 cm	1171 AUMs	1171 AUMs	2.1 Ac/cm	2.1 Ac/cm	1.6 Ac/AUM	1.6 Ac/AUM
	Schleichart	4430	1013 cm	1013 cm	1337 AUMs	1337 AUMs	4.4 Ac/cm	4.4 Ac/cm	3.3 Ac/AUM	3.3 Ac/AUM
	Davis Draw	921	640 cm	253 cm	845 AUMs	334 AUMs	1.4 Ac/cm	3.6 Ac/cm	1.1 Ac/AUM	2.8 Ac/AUM
	Jenkins	591	110 cm	110 cm	145 AUMs	145 AUMs	5.4 Ac/cm	5.4 Ac/cm	4.1 Ac/AUM	4.1 Ac/AUM
South Cave Hills	John Brown	1574	654 cm	440 cm	863 AUMs	581 AUMs	2.4 Ac/cm	3.6 Ac/cm	1.8 Ac/AUM	2.7 Ac/AUM
	JA Clarkson	1430	681 ym (= 361 cm <sup>7</sup> )	681 ym (=361 cm)	477 AUMs	477 AUMs	4.0 Ac/cm	4.0 Ac/cm	3.0 Ac/AUM	3.0 Ac/AUM
	JB Clarkson	1928	793 cm	793 cm	1050 AUMs	1050 AUMs	2.4 Ac/cm	2.4 Ac/cm	1.8 Ac/AUM	1.8 Ac/AUM
	Van Offern	1004	297 cm	297 cm	392 AUMs	392 AUMs	3.4 Ac/cm	3.4 Ac/cm	2.6 Ac/AUM	2.6 Ac/AUM
East Short Pines	Box Springs	1960	706 bm	706 bm	932 AUMs	932 AUMs	2.8 Ac/cm	2.8 Ac/cm	2.1 Ac/AUM	2.1 Ac/AUM
	Dunn	1485	452 cm <sup>8</sup>	451 cm	597 AUMs	595 AUMs	3.3 Ac/cm	3.3 Ac/cm	2.5 Ac/AUM	2.5 Ac/AUM
	Lone Mountain	563	151 cm	151 cm	199 AUMs	199 AUMs	3.7 Ac/cm	3.7 Ac/cm	2.8 Ac/AUM	2.8 Ac/AUM
Totals		17728	6064	5462	8008	7213				

<sup>5</sup> Figures are for National Forest System land only.

<sup>6</sup> Head Months represent the class of livestock and how many can be carried in an area for one month. Head months can represent cow/calf months (cm), yearling months (ym), bison months (bm), etc.

<sup>7</sup> The following calculation was used to arrive at stocking rate unit of 2.8 acres/cow-calf month for comparison purposes in JA Clarkson even though current permit is for yearling months: 681 ym times conversion factor 0.7 = 477 AUMs divided by 1.32 = 361 cm. 1570 suitable acres divided by 420 cm = 3.7 ac/cm.

<sup>8</sup> Use varies by season on Dunn Allotment. The highest stocking figure is reflected in the table.

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