MAP 4-A
PERCENT ALLOWABLE USE (GRAZING CAPACITY MODEL) WEST ROSEBUD ALLOTMENT & BLACK BUTTE WILDLIFE HABITAT AREA

Scale = 1:24,000

N W E S

0 0.125 0.25 0.5 0.75 1 Miles

LEGEND

Percent Allowable Use

- 10%
- 20%
- 30%
- 40%
- 50%
- 60%

Surface Ownership

- Private Land Inholding
- Custer National Forest Boundary
- Existing Fences
- Existing Natural Barriers
- Existing Stock Driveways
- Proposed Fences
- Proposed Natural Barriers
- Proposed Stock Driveways
- Custer NF Roads
- Custer NF Trails
- Drainages & Streams
- Ponds & Lakes
- 40 Foot Contour Lines

17 16 15 14 20 21 22 23 19 29 28 27 26 25 30 31 32 33 34 35 1 6 5 T. 6 S. T. 7 S. R. 16 E.

Gravel Pit Pasture
Shorey Swamp Pasture
SHOREY HOMESTEAD
Shorey Jungle Pasture
West Rosebud Pasture
PINEGROVE CAMPGROUND
Morris Creek Pasture
Black Butte Wildlife Habitat Area
East Rosebud Allotment
WEST ROSEBUD CREEK
ROSEBUD CREEK
COLD CREEK
MORRIS CREEK

West Rosebud Grazing Capacity Model Parameters
How Percent Allowable Use Was Determined

Distance From Water (feet)	< 10% Slope	10% – 15% Slope	15% – 20% Slope	20% – 40% Slope	40% – 50% Slope
0' – 100'	60% AU	60% AU	60% AU	60% AU	60% AU
100' – 300'	60% AU	50% AU	40% AU	30% AU	20% AU
300' – 1,000'	50% AU	40% AU	30% AU	20% AU	10% AU
1,000' – 2,000'	40% AU	30% AU	20% AU	10% AU	0% AU
2,000' – 3,000'	30% AU	20% AU	10% AU	0% AU	0% AU
3,000 – 4,000'	20% AU	10% AU	0% AU	0% AU	0% AU
4,000' – 5,000'	10% AU	0% AU	0% AU	0% AU	0% AU
> 5,000'	0% AU	0% AU	0% AU	0% AU	0% AU
Distance From Fences (feet)	**< 10% Slope**	**10% – 15% Slope**	**15% – 20% Slope**	**20% – 40% Slope**	**40% – 50% Slope**
0' – 300'	50% AU	40% AU	30% AU	20% AU	10% AU

AU = Allowable Use

Black Butte Grazing Capacity Model Parameters
How Percent Allowable Use Was Determined

Distance From Water (feet)	< 10% Slope	10% – 15% Slope	15% – 20% Slope	20% – 40% Slope	40% – 50% Slope
0' – 100'	40% AU	40% AU	40% AU	40% AU	40% AU
100' – 300'	40% AU	30% AU	20% AU	10% AU	0% AU
300' – 1,000'	30% AU	20% AU	10% AU	0% AU	0% AU
1,000' – 2,000'	20% AU	10% AU	0% AU	0% AU	0% AU
2,000' – 3,000'	10% AU	0% AU	0% AU	0% AU	0% AU
3,000 – 4,000'	0% AU	0% AU	0% AU	0% AU	0% AU
4,000' – 5,000'	0% AU	0% AU	0% AU	0% AU	0% AU
> 5,000'	0% AU	0% AU	0% AU	0% AU	0% AU
Distance From Fences (feet)	**< 10% Slope**	**10% – 15% Slope**	**15% – 20% Slope**	**20% – 40% Slope**	**40% – 50% Slope**
0' – 300'	30% AU	20% AU	10% AU	0% AU	0% AU

AU = Allowable Use