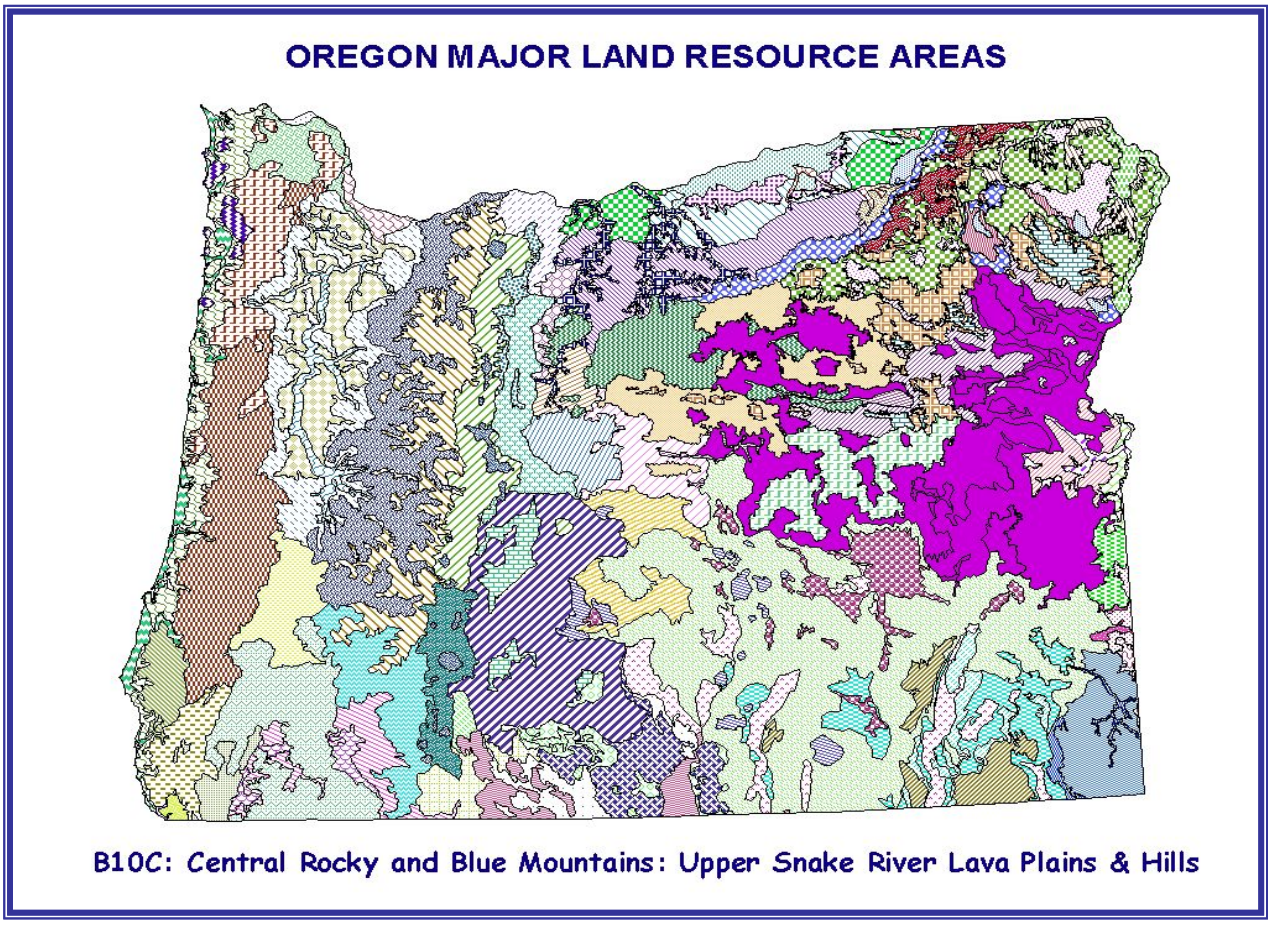
MLRA B10C
Central Rocky and Blue Mountains: Upper Snake River Lava Plains & Hills

Ecological Site Descriptions - Historic Climax Plant Communities
(for determining Rangeland Similarity Index, Production, and Rangeland Health)



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United States Department of Agriculture

NRCS Natural Resources Conservation Service

USING ECOLOGICAL SITE DESCRIPTION FIELD SHEETS

The ESD field sheets are condensations of ecological site descriptions. They are designed to contain the necessary information for conducting rangeland inventory (see 190-NRPH, Amendment OR-2, 5-2004; 600.0401a ***Oregon Protocols for Rangeland and Pasture / Hayland Inventory and Evaluation***). The information is provided for the following parts of rangeland inventory protocols:

First Page:

- Ecological site name, number, plant association, and normal pounds per acre (air-dry) productivity in high seral condition.
- The Historic Climax Plant Community (HCPC) description including listing by common name, scientific name, NRCS national plant code, and functional grouping (see functional groupings list). Plants are grouped by grasses/grasslikes, forbs, shrubs, and trees.
- Percent composition by weight of each species in the HCPC (expected low to high range of composition in the plant community).
- Weight of each species in the HCPC (expected low to high range of weights in the plant community by pounds per acre; based on the percent composition times the normal pounds per acre (air-dry) productivity in high seral condition). These plant species weights are used for completing Rangeland Similarity Index. Enter the weight from the guide into **column J**, Pounds in Reference State, in the Rangeland Inventory Worksheet, Exhibit 4-11. Use the figures from either the Low or High columns (but not both). Be consistent, if you use the figures from the Low column, continue using these for the entire rangeland unit evaluation.
- The subtotal percentage and weight of each plant type appears in the shaded bars above each plant type grouping. The total percentages and weights (for low and high ranges) appear in the shaded bar at the bottom of the sheet. These total weights are used for completing Rangeland Similarity Index. Enter the total weight into **block L**, Total normal annual production in reference vegetative state (HCPC), in the Rangeland Inventory Worksheet, Exhibit 4-11. Use the total that corresponds to the species values used; if Low range values were used, use the Low total, if the High values were used, use the High total; do not compare values across columns.

Second Page:

- Initial stocking rates for general seral conditions are provided in the first block. These are based on the normal pounds per acre (air-dry) productivity in high seral condition and are adjusted downwards for decreasing ecological condition. These values are conservative and may not reflect the actual productivity of the site; they can be used to develop forage inventories and consequently prescribed grazing plans but generally will not be as accurate as on-site estimations of productivity.
- The remainder of the sheet contains the seventeen indicators (and weights) of Rangeland Health and a brief description of potentials of each for this ecological site. Use these with the Rangeland Health Indicator Matrix, Exhibit 4-12 to complete the Rangeland Health Assessment on the Oregon Rangeland Inventory Worksheet, Exhibit 4-11.

FUNCTIONAL GROUPINGS FOR RANGEGLAND ECOLOGICAL SITES IN OREGON

PLANT TYPE	I	II	III*	GROUP
GRASS/GRASSLIKE	Perennial	Deep-rooted (to 3+ feet)	Dominant	1
			Sub-dominant	2
	Perennial	Shallow-rooted (< 2 feet)	Dominant	3
			Sub-dominant	4
	Perennial	Others (PPGG)	All	5
	Annual	All	All	6
FORBS	Perennial	All	Dominant	7
			Sub-dominant	8
	Perennial	Others (PPFF)	All	9
	Annual	All	All	10
SHRUBS	Perennial	Evergreen	Dominant	11
			Sub-dominant	12
	Perennial	Deciduous (or 1/2 shrubs)	Dominant	13
			Sub-dominant	14
	Perennial	Others (SSSS)	All	15
TREES	Perennial	Evergreen	Dominant	16
			Sub-dominant	17
	Perennial	Deciduous	Dominant	18
			Sub-dominant	19

* Category III	
Dominant:	Species with the highest percent composition. If another species has at least 1/2 the percent composition in the high columnas the clearly dominant species has in the low column, then it too is dominant.
Sub Dominant:	Less than 1/2 the percent composition of the clearly dominant species in the high column as the clearly dominant species has in the low column.
All:	"Other" species are grouped as aggregates and may or may not be present. They are always sub dominant to other species with individual percentages of composition.

Site Number	Name	HCPC Plant Association	Soil Temp	Production: Favorable	Production: Normal	Production: Unfavorable	NASIS Plants
010XC013OR	SR SWALE 9-12 PZ	LECI4-PSSP6-HECO26/ARTRT	Mesic	3500	2500	2000	LECI4 (40) ARTRT (5) HECO26 (15) PSSP6 (40)
010XC014OR	SR MOUNTAIN SWALE 9-12 PZ	LECI4-FEID/ARTRT	Mesic/Frigid	1500	1200	1000	LECI4 (20) ARTRT (5) PSSP6 (10) ACOC3 (10) HECO26 (10) FEID (10)
010XC017OR	SR MOUNTAIN SWALE 12-16 PZ	LECI4-FEID/ARTRT-RICE	Frigid	3000	2500	2000	LECI4 (50) ARTRV (5) PSSP6 (5) ACTH7 (5) FEID (25)
010XC018OR	SR ADOBELAND 9-12 PZ	LECI4-PSSP6	Mesic	1800	1500	1000	ARTRT (5) PSSP6 (25) LECI4 (70)
010XC019OR	SR DRY MOUNTAIN SWALE 12-16 PZ	FEID-PSSP6-CAREX/ARTRV	Frigid	2200	1800	1600	ARTRV (5) CAREX (10) PSSP6 (15) FEID (70)
010XC020OR	SR LOAMY 9-12 PZ	PSSP6-ACTH7-HECO26/ARTRW	Mesic	1400	1000	800	PSSP6 (40) PERA4 (5) LECI4 (5) HECO26 (10) ARTRW (10) ACTH7 (25)
010XC021OR	SR CLAYEY 9-12 PZ	PSSP6-ACTH7-LECI4-POSE/ARTRW	Mesic	1500	1000	600	PSPS (60) LECI4 (5) ARTRT (5) ARTRW (5) POSE (5) ACTH7 (8)
010XC025OR	SR GRAVELLY FAN 12-16 PZ	LECI4-PSSP6/ARTRT	Mesic/Frigid	4000	3000	2000	LECI4 (70) ARTRT (5) ACTH7 (5) FEID (10) PSSP6 (15)
010XC030OR	SR MOUNTAIN LOAMY 9-12 PZ	FEID-ACTH7-HECO26-POSE/ARTRW	Frigid	1300	900	600	FEID (50) ACOC3 (5) PSSP6 (5) POSE (5) HECO26 (8) ARTRW (10) ACTH7 (15)
010XC031OR	SR MOUNTAIN CLAYEY 9-12 PZ	FEID-PSSP6-POSE/ARTRW	Frigid	1500	1000	500	FEID (70) ERNA10 (1) PUTR2 (1) PERA4 (2) POSE (2) PSSP6 (5) ARTRW (15)
010XC032OR	SR MOUNTAIN CLAYEY 12-16 PZ	FEID-PSSP6/ARTRV	Mesic/Frigid	2000	1500	1000	FEID (70) ACTH7 (5) ARTRV (10) PSSP6 (10)
010XC033OR	SR MOUNTAIN LOAMY 12-16 PZ	FEID-PSSP6-ACHNA/ARTRV	Mesic/Frigid	1800	1500	1200	FEID (50) HECO26 (5) ARTRV (5) ACOC3 (8) PSSP6 (10) ACTH7 (10)
010XC034OR	SR SHRUBBY MOUNTAIN LOAM 16-20 PZ	FEID/AMAL-PUTR2-ARTRV	Frigid	2000	1600	1200	FEID (50) ACHNA (6) ARTRV (8) PSSP6 (10) ACTH7 (10)
010XC035OR	SR SHALLOW 9-12 PZ	PSSP6-ACTH7/ARTRW	Mesic	1000	600	300	PSSP6 (50) ARTRW (8) PUTR2 (15)
010XC036OR	SR MOUNTAIN SHALLOW 9-12 PZ	FEID-PSSP6-POSE/ARTRW	Frigid	1100	600	300	FEID (60) PERA4 (1) ACTH7 (5) POSE (5) PSSP6 (8) ARTRW (15)
010XC037OR	SR MOUNTAIN SHALLOW 12-16 PZ	FEID-PSSP6/ARTRV	Mesic/Frigid	1500	1200	1000	FEID (70) POSE (5) ARTRV (10) PSSP6 (15)
010XC038OR	SR VERY SHALLOW 9-12 PZ	POSE-FEID/ARRI2	Frigid	400	300	100	LOMAT SP. (5) PSSP6 (5) FEID (10) ARRI2 (25) POSE (50)
010XC039OR	SR MOUNTAIN VERY SHALLOW 12-16 PZ	DAUN-POSE-FEID/ARRI2	Frigid	600	400	200	DAUN (30) PSSP6 (10) POSE (15) FEID (15) ARRI2 (25)

Site Number	Name	HCPC Plant Association	Soil Temp	Production: Favorable	Production: Normal	Production: Unfavorable	NASIS Plants
010XC040OR	SR MOUNTAIN VERY SHALLOW 16-20 PZ	POSE-FEID/ARRI2	Frigid	800	600	400	ARRI2 (25) DAUN (10) PSSP6 (10) FEID (15) POSE (20)
010XC043OR	SR CLAYEY SOUTH 9-12 PZ	PSSP6-ACTH7-POSE/ARTRW	Mesic	1000	800	600	PSSP6 (70) ARTRW (5) POSE (5) ACTH7 (15)
010XC044OR	SR SOUTH SCHIST 9-12 PZ	PSSP6-GLSP	Mesic	1200	700	400	PSSP6 (75) GLSP (5)
010XC047OR	SR MOUNTAIN SOUTH 12-16 PZ	PSSP6-FEID/ARTRV	Mesic/Frigid	1400	1000	700	PSSP6 (50) PERA4 (5) ARTRV (5) PUTR2 (5) ACTH7 (5) FEID (20)
010XC049OR	SR SHRUBBY MOUNTAIN SOUTH 16-20 PZ	PSSP6/ARTRV-PUTR2-PREM	Frigid	1800	1500	1000	FEID (6) ARTRV (8) PERA4 (10) ACHNA (10) PREM (10) PUTR2 (15) PSSP6 (30)
010XC050OR	SR SHALLOW SOUTH 9-12 PZ	PSSP6-ACTH7-POSE/ARTRW	Mesic	800	500	300	PSSP6 (70) ARTRW (5) POSE (5) ACTH7 (20)
010XC051OR	SR HIGH MOUNTAIN SOUTH 16-20 PZ	PSSP6-ACHNA/ERIOG/ARTRV	Frigid	1600	1200	900	PSSP6 (50) ACHNA (6) ACTH7 (6) ARTRV (10) ERIOG (10)
010XC052OR	SR SHALLOW SOUTH SCHIST 9-12 PZ	PSSP6/GLSP	Mesic	800	500	300	PSSP6 (65) POSE (5) GLSP (10)
010XC053OR	SR HIGH MOUNTAIN LOAM 18+ PZ	FEID-ACHNA-CAREX/ARTRV	Frigid	1600	1200	900	FEID (60) ACHNA (6) CAREX (8) ARTRV (10)
010XC054OR	SR MOUNTAIN SHALLOW SOUTH 12-16 PZ	PSSP6-ACTH7-POSE/ARTRV	Mesic/Frigid	900	600	400	PSSP6 (60) PERA4 (5) ARTRV (5) PUTR2 (5) FEID (5) POSE (8)
010XC055OR	SR MOUNTAIN SHALLOW SOUTH 16-20 PZ	PSSP6-FEID-POSE/ARTRV	Frigid	1100	800	500	PSSP6 (60) ACHNA (6) ARTRV (6) FEID (6) POSE (8)
010XC056OR	SR TERRACE ESCARPMENT 9-12 PZ	HECO26-ACTH7/PUTR2-ARTRT	Mesic	1000	800	500	PUTR2 (40) LECI4 (5) ARTRT (5) POSE (5) ACTH7 (10) HECO26 (15)
010XC057OR	SR SHALLOW ESCARPMENT 9-12 PZ	PSSP6-ACTH7/ARTRW-PERA4	Mesic	400	300	100	PSSP6 (40) PERA4 (8) PUTR2 (8) ARTRW (10) ACTH7 (30)
010XC058OR	SR GREASEBUSH-MAHOGANY ROCKLAND 9-12 PZ	PSSP6/CELE3-GLSP	Mesic	900	600	300	CELE3 (40) ACTH7 (4) POSE (6) PUTR2 (15) GLSP (15) PSSP6 (20)
010XC059OR	SR MAHOGANY ROCKLAND 12+ PZ	PSSP6-FEID/CELE3-PUTR2/JUOC	Mesic/Frigid	1300	900	600	CELE3 (40) JUOC (5) ACTH7 95) PUTR2 (10) FEID (15) PSSP6 (30)
010XC064OR	SR NORTH 9-12 PZ	FEID-PSSP6/ARTRV	Mesic	1700	1100	800	FEID (60) LECI4 (5) ARTRW (5) PSSP6 (20)
010XC065OR	SR MOUNTAIN NORTH 9-12 PZ	FEID-PSSP6-POSE/ARTRW	Frigid	1600	1100	800	FEID (80) PSSP6 (5) ARTRW (5) POSE (5)
010XC066OR	SR MOUNTAIN NORTH 12-16 PZ	FEID/ARTRV	Frigid	2200	1600	1000	FEID (75) ARTRV (5) PSPS (8)

Site Number	Name	HCPC Plant Association	Soil Temp	Production: Favorable	Production: Normal	Production: Unfavorable	NASIS Plants
010XC067OR	SR SHRUBBY MOUNTAIN NORTH 16-20 PZ	FEID/AMAL2-ARTRV	Frigid	2200	1800	1400	FEID (50) STIPA SP. (7) ARTRV (7) PRVI (7) AMALA (7) PSSP6 (10)
010XC075OR	SR MOUNTAIN SHALLOW NORTH 12-16 PZ	FEID-PSSP6-POSE/ARTRV	Frigid	1200	900	600	FEID (70) POSE (5) ARTRV (8) PSSP6 (10)
010XC080OR	SR MAHOGANY MOUNTAIN LOAM 14-18 PZ	FEID-PSSP6/CELE3-PUTR2/PIPO	Frigid	1500	1200	1000	FEID (25) PIPO (5) ARTRV (5) PSSP6 (15) PUTR2 (15) CELE3 (25)
010XC082OR	SR DRY PINE 14-16 PZ	FEID-PSSP6/PIPO-JUOC	Frigid	1200	900	600	FEID (40) JUOC (5) PIPO (5) ARTRV (5) PUTR2 (5) POSE (5) PSSP6 (25)

Site Name	**SR SWALE 9-12 PZ**						
Site Number	**010XC013OR**						
Plant Association	**LECI4-PSSP6-HECO26/ARTRT**						
Normal Lbs./Ac.	**2500**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**92%**	**87%**	***1925***	***3175***
basin wildrye	Leymus cinereus	LECI4	1	30	40	***750***	***1000***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	30	50	***750***	***1250***
needle and thread	Hesperostipa comata	HECO26	2	10	20	***250***	***500***
Idaho fescue	Festuca idahoensis	FEID	2	3	5	***75***	***125***
Sandberg bluegrass	Poa secunda	POSE	4	1	2	***25***	***50***
prairie Junegrass	Koeleria macrantha	KOMA	4	1	2	***25***	***50***
Other Perennial Grasses	N/A	PPGG	5	2	8	***50***	***200***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
bluegrass	Poa	POA				***0***	***0***
western needlegrass	Achnatherum occidentale	ACOC3				***0***	***0***
						0	***0***
						0	***0***
Forbs				**4%**	**5%**	***75***	***200***
lupine	Lupinus	LUPIN	7	1	2	***25***	***50***
milkvetch	Astragalus	ASTRA	7	1	2	***25***	***50***
Other Perennial Forbs	N/A	PPFF	9	1	4	***25***	***100***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
buckwheat (Eriog.)	Eriogonum	ERIOG				***0***	***0***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3				***0***	***0***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
fleabane	Erigeron	ERIGE2				***0***	***0***
phlox	Phlox	PHLOX				***0***	***0***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
white sagebrush	Artemisia ludoviciana	ARLU				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**5%**	**8%**	***100***	***275***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	11	2	5	***50***	***125***
rabbitbrush	Chrysothamnus	CHRYS9	12	1	3	***25***	***75***
Other Shrubs	N/A	SSSS	15	1	3	***25***	***75***
horsebrush	Tetradymia	TETRA3				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***2100***	***3650***

Site Name	SR SWALE 9-12 PZ				
Site Number	010XC013OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.08	0.25	0.42	0.58
	High	0.14	0.43	0.72	1.01

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, moderate sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	0-5%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep to very deep, well drained silt loams (about 10" thick): moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (80-90%) and gentle slopes (2-12%) effectively limit rainfall impact and overland flow. Seasonal subsurface flows from adjacent slopes augment available water.
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Basin wildrye > bluebunch wheatgrass > needle and thread > other grasses > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	25-50% (to 1.0")
15. Expected annual production (total above-ground) [1.0]	Favorable: 3500, Normal: 2500, Unfavorable: 2000 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR MOUNTAIN SWALE 9-12 PZ**						
Site Number	**010XC014OR**						
Plant Association	**LECI4-FEID/ARTRT**						
Normal Lbs./Ac.	**1200**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**81%**	**83%**	***468***	***1344***
basin wildrye	Leymus cinereus	LECI4	1	10	30	***120***	***360***
needle and thread	Hesperostipa comata	HECO26	2	5	15	***60***	***180***
western needlegrass	Achnatherum occidentale	ACOC3	2	5	15	***60***	***180***
Idaho fescue	Festuca idahoensis	FEID	2	5	15	***60***	***180***
western wheatgrass	Pascopyrum smithii	PASM	2	5	15	***60***	***180***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	2	5	***24***	***60***
threadleaf sedge	Carex filifolia	CAFI	2	2	5	***24***	***60***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	4	2	5	***24***	***60***
prairie Junegrass	Koeleria macrantha	KOMA	4	1	3	***12***	***36***
Other Perennial Grasses	N/A	PPGG	5	2	4	***24***	***48***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
Sandberg bluegrass	Poa secunda	POSE				***0***	***0***
Forbs				**8%**	**7%**	***48***	***120***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	1	2	***12***	***24***
lupine	Lupinus	LUPIN	7	1	2	***12***	***24***
fleabane	Erigeron	ERIGE2	7	1	2	***12***	***24***
Other Perennial Forbs	N/A	PPFF	9	1	4	***12***	***48***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
locoweed	Oxytropis	OXYTR				***0***	***0***
milkvetch	Astragalus	ASTRA				***0***	***0***
phlox	Phlox	PHLOX				***0***	***0***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
white sagebrush	Artemisia ludoviciana	ARLU				***0***	***0***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
sagebrush buttercup	Ranunculus glaberrimus	RAGL				***0***	***0***
stoneseed	Lithospermum	LITHO3				***0***	***0***
deathcamas	Zigadenus	ZIGAD				***0***	***0***
globemallow	Sphaeralcea	SPHAE				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**10%**	**10%**	***60***	***156***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	11	2	5	***24***	***60***
threetip sagebrush	Artemisia tripartita	ARTR4	12	1	2	***12***	***24***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8	12	1	2	***12***	***24***
Other Shrubs	N/A	SSSS	15	1	4	***12***	***48***
horsebrush	Tetradymia	TETRA3				***0***	***0***
antelope bitterbrush	Purshia tridentata	PUTR2				***0***	***0***
squaw apple	Peraphyllum ramosissimum	PERA4				***0***	***0***
gray rabbitbrush	Ericameria nauseosa	ERNA10				***0***	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***576***	***1620***

Site Name	SR MOUNTAIN SWALE 9-12 PZ				
Site Number	010XC014OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible		Class	Poor	Fair	Good	Excellent
		Low	0.02	0.07	0.11	0.16
		High	0.06	0.19	0.32	0.45

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, moderate sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	0-5%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep to very deep, well drained silt loams (about 10" thick): moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70-80%) and gentle slopes (2-12%) effectively limit rainfall impact and overland flow. Seasonal subsurface flows from adjacent slopes augment available water.
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Other grasses > basin wildrye > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	15-35% (to 0.75")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1500, Normal: 1200, Unfavorable: 1000 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR MOUNTAIN SWALE 12-16 PZ**						
Site Number	**010XCO17OR**						
Plant Association	**LECI4-FEID/ARTRT-RICE**						
Normal Lbs./Ac.	**2500**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**88%**	**80%**	***1750***	***3025***
basin wildrye	Leymus cinereus	LECI4	1	40	60	***1000***	***1500***
Idaho fescue	Festuca idahoensis	FEID	1	20	30	***500***	***750***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	2	5	***50***	***125***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	2	5	***50***	***125***
western wheatgrass	Pascopyrum smithii	PASM	2	1	3	***25***	***75***
sedge	Carex	CAREX	2	1	3	***25***	***75***
bluegrass	Poa	POA	4	1	3	***25***	***75***
Other Perennial Grasses	N/A	PPGG	5	3	12	***75***	***300***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
Sandberg bluegrass	Poa secunda	POSE				***0***	***0***
western needlegrass	Achnatherum occidentale	ACOC3				***0***	***0***
prairie Junegrass	Koeleria macrantha	KOMA				***0***	***0***
needle and thread	Hesperostipa comata	HECO26				***0***	***0***
Forbs				**4%**	**5%**	***75***	***200***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	1	2	***25***	***50***
lupine	Lupinus	LUPIN	7	1	2	***25***	***50***
Other Perennial Forbs	N/A	PPFF	9	1	4	***25***	***100***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
fleabane	Erigeron	ERIGE2				***0***	***0***
phlox	Phlox	PHLOX				***0***	***0***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
white sagebrush	Artemisia ludoviciana	ARLU				***0***	***0***
stoneseed	Lithospermum	LITHO3				***0***	***0***
deathcamas	Zigadenus	ZIGAD				***0***	***0***
milkvetch	Astragalus	ASTRA				***0***	***0***
cinquefoil	Potentilla	POTEN				***0***	***0***
buttercup	Ranunculus	RANUN				***0***	***0***
bluebells	Mertensia	MERTE				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**9%**	**15%**	***175***	***550***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	3	8	***75***	***200***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	3	***25***	***75***
wax currant	Ribes cereum	RICE	14	1	3	***25***	***75***
Other Shrubs	N/A	SSSS	15	2	8	***50***	***200***
golden currant	Ribes aureum	RIAU				***0***	***0***
common snowberry	Symphoricarpos albus	SYAL				***0***	***0***
Saskatoon serviceberry	Amelanchier alnifolia	AMAL2				***0***	***0***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***2000***	***3775***

Site Name	SR MOUNTAIN SWALE 12-16 PZ				
Site Number	010XC017OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.08	0.24	0.40	0.55
	High	0.15	0.45	0.75	1.05

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, moderate sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	0-5%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep to very deep, well drained silt loams (about 10" thick): moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70-80%) and gentle slopes (2-12%) effectively limit rainfall impact and overland flow. Seasonal subsurface flows from adjacent slopes augment available water.
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Other grasses > basin wildrye > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	30-50% (to 1.0")
15. Expected annual production (total above-ground) [1.0]	Favorable: 3000, Normal: 2500, Unfavorable: 2000 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR ADOBELAND 9-12 PZ**						
Site Number	**010XCO18OR**						
Plant Association	**LECI4-PSSP6**						
Normal Lbs./Ac.	**1500**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**95%**	**93%**	***1080***	***1710***
basin wildrye	Leymus cinereus	LECI4	1	60	80	***900***	***1200***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	10	30	***150***	***450***
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	1	2	***15***	***30***
Other Perennial Grasses	N/A	PPGG	5	1	2	***15***	***30***
Sandberg bluegrass	Poa secunda	POSE				***0***	***0***
bluegrass	Poa	POA				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**3%**	**3%**	***30***	***60***
Other Perennial Forbs	N/A	PPFF	9	1	2	***15***	***30***
Other Annual Forbs	N/A	AAFF	10	1	2	***15***	***30***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**3%**	**4%**	***30***	***75***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	11	2	5	***30***	***75***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***1140***	***1845***

Site Name	SR ADOBELAND 9-12 PZ				
Site Number	010XC018OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.05	0.14	0.23	0.32
	High	0.07	0.22	0.36	0.51

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some - soil churning is prevalent
3. Number and height of erosional pedestals or terracettes [1.0]	None to some - soil churning is prevalent
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-25%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Significantly resistant to erosion: aggregate stability = 4-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep, well drained clays with high shrink-swell potential: moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (40-60%) and gentle slopes (2-12%) effectively limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Basin wildrye > bluebunch wheatgrass > shrubs > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	15-30% (0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1800, Normal: 1500, Unfavorable: 1000 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR SRY MOUNTAIN SWALE 12-16 PZ**						
Site Number	**010XC019OR**						
Plant Association	**FEID-PSSP6-CAREX/ARTRV**						
Normal Lbs./Ac.	**1800**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**90%**	**82%**	***1332***	***1854***
Idaho fescue	Festuca idahoensis	FEID	1	60	70	***1080***	***1260***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	15	***90***	***270***
sedge	Carex	CAREX	2	5	10	***90***	***180***
prairie Junegrass	Koeleria macrantha	KOMA	4	1	2	***18***	***36***
Sandberg bluegrass	Poa secunda	POSE	4	1	2	***18***	***36***
Other Perennial Grasses	N/A	PPGG	5	2	4	***36***	***72***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
bluegrass	Poa	POA				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**2%**	**5%**	***36***	***108***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	1	2	***18***	***36***
Other Perennial Forbs	N/A	PPFF	9	1	4	***18***	***72***
lupine	Lupinus	LUPIN				***0***	***0***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
fleabane	Erigeron	ERIGE2				***0***	***0***
phlox	Phlox	PHLOX				***0***	***0***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
white sagebrush	Artemisia ludoviciana	ARLU				***0***	***0***
stoneseed	Lithospermum	LITHO3				***0***	***0***
deathcamas	Zigadenus	ZIGAD				***0***	***0***
milkvetch	Astragalus	ASTRA				***0***	***0***
cinquefoil	Potentilla	POTEN				***0***	***0***
buttercup	Ranunculus	RANUN				***0***	***0***
bluebells	Mertensia	MERTE				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**7%**	**13%**	***108***	***288***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	3	8	***54***	***144***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8	12	1	2	***18***	***36***
Other Shrubs	N/A	SSSS	15	2	6	***36***	***108***
golden currant	Ribes aureum	RIAU				***0***	***0***
common snowberry	Symphoricarpos albus	SYAL				***0***	***0***
antelope bitterbrush	Purshia tridentata	PUTR2				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***1476***	***2250***

Site Name	SR SRY MOUNTAIN SWALE 12-16 PZ				
Site Number	010XC019OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible		Class	Poor	Fair	Good	Excellent
		Low	0.06	0.18	0.29	0.41
		High	0.09	0.27	0.45	0.62

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, moderate sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	0-10%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, slight wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep to very deep, well drained gravelly loams about 10" thick: moderate OM (1-3%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70-80%) and gentle slopes (0-8%) effectively limit rainfall impact and overland flow. Seasonal subsurface flows from adjacent slopes augment available water.
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho fescue > other grasses > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-30% (0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 2200, Normal: 1800, Unfavorable: 1600 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR LOAMY 9-12 PZ**						
Site Number	**010XC020OR**						
Plant Association	**PSSP6-ACTH7-HECO26/ARTRW**						
Normal Lbs./Ac.	**1000**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**79%**	**71%**	***710***	***1120***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	40	50	***400***	***500***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	1	20	30	***200***	***300***
needle and thread	Hesperostipa comata	HECO26	2	5	15	***50***	***150***
basin wildrye	Leymus cinereus	LECI4	2	3	8	***30***	***80***
Sandberg bluegrass	Poa secunda	POSE	4	1	3	***10***	***30***
Other Perennial Grasses	N/A	PPGG	5	2	6	***20***	***60***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
bluegrass	Poa	POA				***0***	***0***
Idaho fescue	Festuca idahoensis	FEID				***0***	***0***
foxtail wheatgrass	×Pseudelymus saxicola	PSSA2				***0***	***0***
						0	***0***
						0	***0***
Forbs				**8%**	**10%**	***70***	***160***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	2	5	***20***	***50***
lupine	Lupinus	LUPIN	8	1	2	***10***	***20***
lomatium (gen.)	Lomatium	LOMAT	8	1	2	***10***	***20***
phlox	Phlox	PHLOX	8	1	2	***10***	***20***
buckwheat (Eriog.)	Eriogonum	ERIOG	8	1	2	***10***	***20***
Other Perennial Forbs	N/A	PPFF	9	1	3	***10***	***30***
milkvetch	Astragalus	ASTRA				***0***	***0***
pussytoes	Antennaria	ANTEN				***0***	***0***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
deathcamas	Zigadenus	ZIGAD				***0***	***0***
fleabane	Erigeron	ERIGE2				***0***	***0***
aster (Eucep.)	Eucephalus	EUCEP2				***0***	***0***
goldenweed	Pyrrocoma	PYRRO				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**13%**	**18%**	***120***	***290***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	10	***50***	***100***
squaw apple	Peraphyllum ramosissimum	PERA4	14	3	8	***30***	***80***
antelope bitterbrush	Purshia tridentata	PUTR2	12	2	5	***20***	***50***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	3	***10***	***30***
Other Shrubs	N/A	SSSS	15	1	3	***10***	***30***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
gray rabbitbrush	Ericameria nauseosa	ERNA10				***0***	***0***
horsebrush	Tetradymia	TETRA3				***0***	***0***
threetip sagebrush	Artemisia tripartita	ARTR4				***0***	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***900***	***1570***

Site Name	SR LOAMY 9-12 PZ				
Site Number	010XC020OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.04	0.11	0.18	0.25
	High	0.06	0.19	0.31	0.43

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, moderatel to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-15%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep, well drained silt loams, channery loams, orfine sandy loam about 8" thick: moderate OM (1-3%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate to significant ground cover (60-70%) and gentle slopes (2-12%) effectively limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch wheatgrass > thurber needlegrass > forbs > wyoming big sagebrush > other grasses > other shrubs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-20% (0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1400, Normal: 1000, Unfavorable: 800 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR CLAYEY 9-12 PZ**						
Site Number	**010XC021OR**						
Plant Association	**PSSP6-ACTH7-LECI4-POSE/ARTRW**						
Normal Lbs./Ac.	**1000**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**87%**	**80%**	***610***	***980***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	50	70	***500***	***700***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	3	8	***30***	***80***
basin wildrye	Leymus cinereus	LECI4	2	3	8	***30***	***80***
Idaho fescue	Festuca idahoensis	FEID	2	2	5	***20***	***50***
Sandberg bluegrass	Poa secunda	POSE	4	2	5	***20***	***50***
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	1	2	***10***	***20***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**4%**	**8%**	***30***	***100***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	1	3	***10***	***30***
lomatium (gen.)	Lomatium	LOMAT	8	1	2	***10***	***20***
Other Perennial Forbs	N/A	PPFF	9	1	5	***10***	***50***
milkvetch	Astragalus	ASTRA				***0***	***0***
pussytoes	Antennaria	ANTEN				***0***	***0***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
mariposa lily	Calochortus	CALOC				***0***	***0***
phlox	Phlox	PHLOX				***0***	***0***
buckwheat (Eriog.)	Eriogonum	ERIOG				***0***	***0***
milkweed	Asclepias	ASCLE				***0***	***0***
lupine	Lupinus	LUPIN				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**9%**	**12%**	***60***	***150***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	3	8	***30***	***80***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	2	5	***20***	***50***
Other Shrubs	N/A	SSSS	15	1	2	***10***	***20***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
gray rabbitbrush	Ericameria nauseosa	ERNA10				***0***	***0***
antelope bitterbrush	Purshia tridentata	PUTR2				***0***	***0***
squaw apple	Peraphyllum ramosissimum	PERA4				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***700***	***1230***

Site Name	SR CLAYEY 9-12 PZ				
Site Number	010XC021OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.08	0.14	0.19
	High	0.05	0.15	0.24	0.34

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few pedestals - some frost-heaving possible
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-15%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Significantly resistant to erosion: aggregate stability = 4-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow to deep (deeper soils have a duripan or cemented hardpan at 20-30"), well drained silty clay loams about 8" thick: moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate to significant ground cover (60-70%) and gentle slopes (2-12%) effectively limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch wheatgrass > other grasses > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-20% (0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1500, Normal: 1000, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR GRAVELLY FAN 12-16 PZ						
Site Number	010XC025OR						
Plant Association	LECI4-PSSP6/ARTRT						
Normal Lbs./Ac.	3000						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				93%	89%	2370	3750
basin wildrye	Leymus cinereus	LECI4	1	60	80	1800	2400
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	10	20	300	600
Idaho fescue	Festuca idahoensis	FEID	2	5	15	150	450
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	2	5	60	150
Other Perennial Grasses	N/A	PPGG	5	2	5	60	150
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
Sandberg bluegrass	Poa secunda	POSE				0	0
prairie Junegrass	Koeleria macrantha	KOMA				0	0
						0	0
						0	0
						0	0
						0	0
Forbs				4%	5%	90	210
milkvetch	Astragalus	ASTRA	7	1	2	30	60
lupine	Lupinus	LUPIN	7	1	2	30	60
Other Perennial Forbs	N/A	PPFF	9	1	3	30	90
buckwheat (Eriog.)	Eriogonum	ERIOG				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
tapertip hawksbeard	Crepis acuminata	CRAC2				0	0
fleabane	Erigeron	ERIGE2				0	0
phlox	Phlox	PHLOX				0	0
lomatium (gen.)	Lomatium	LOMAT				0	0
white sagebrush	Artemisia ludoviciana	ARLU				0	0
stoneseed	Lithospermum	LITHO3				0	0
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Shrubs				2%	5%	60	210
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	11	1	5	30	150
rabbitbrush	Chrysothamnus	CHRYS9	12	1	2	30	60
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Trees				1%	1%	30	60
western juniper	Juniperus occidentalis	JUOC	16	1	2	30	60
						0	0
						0	0
Totals				100%	100%	2550	4230

Site Name	SR GRAVELLY FAN 12-16 PZ				
Site Number	010XC025OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.10	0.30	0.50	0.71
	High	0.17	0.50	0.84	1.17

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, moderate sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	0-5%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, slight wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep to very deep, skeletal, well drained gravelly or shaly loams about 30" thick: moderate OM (1-3%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (80-90%) and gentle slopes (2-15%) effectively limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Basin wildrye > bluebunch wheatgrass > other grasses, shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	20-50% (to 1.0")
15. Expected annual production (total above-ground) [1.0]	Favorable: 4000, Normal: 3000, Unfavorable: 2000 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR MOUNTAIN LOAMY 9-12 PZ**						
Site Number	**010XC030OR**						
Plant Association	**FEID-ACTH7-HECO26-POSE/ARTRW**						
Normal Lbs./Ac.	**900**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**85%**	**80%**	***576***	***1143***
Idaho fescue	Festuca idahoensis	FEID	1	40	60	***360***	***540***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	1	10	20	***90***	***180***
western needlegrass	Achnatherum occidentale	ACOC3	2	5	15	***45***	***135***
needle and thread	Hesperostipa comata	HECO26	2	2	8	***18***	***72***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	2	8	***18***	***72***
Sandberg bluegrass	Poa secunda	POSE	4	2	8	***18***	***72***
threadleaf sedge	Carex filifolia	CAFI	4	1	3	***9***	***27***
Other Perennial Grasses	N/A	PPGG	5	2	5	***18***	***45***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
thickspike wheatgrass	Elymus macrourus	ELMA7				***0***	***0***
oniongrass (gen.)	Melica	MELIC				***0***	***0***
						0	***0***
Forbs				**5%**	**7%**	***36***	***99***
phlox	Phlox	PHLOX	7	1	2	***9***	***18***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	1	2	***9***	***18***
fleabane	Erigeron	ERIGE2	7	1	2	***9***	***18***
Other Perennial Forbs	N/A	PPFF	9	1	5	***9***	***45***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
buttercup	Ranunculus	RANUN				***0***	***0***
milkvetch	Astragalus	ASTRA				***0***	***0***
lupine	Lupinus	LUPIN				***0***	***0***
locoweed	Oxytropis	OXYTR				***0***	***0***
pussytoes	Antennaria	ANTEN				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**9%**	**13%**	***63***	***180***
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	5	15	***45***	***135***
Other Shrubs	N/A	SSSS	15	2	5	***18***	***45***
squaw apple	Peraphyllum ramosissimum	PERA4				***0***	***0***
antelope bitterbrush	Purshia tridentata	PUTR2				***0***	***0***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
gray rabbitbrush	Ericameria nauseosa	ERNA10				***0***	***0***
threetip sagebrush	Artemisia tripartita	ARTR4				***0***	***0***
granite prickly phlox	Leptodactylon pungens	LEPU				***0***	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***675***	***1422***

Site Name	SR MOUNTAIN LOAMY 9-12 PZ				
Site Number	010XC030OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.08	0.13	0.19
	High	0.06	0.17	0.28	0.39

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Moderate to Severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-15%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Mederate resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep well drained loam to silt loam (pan or bedrock at 20-60 inches) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (60-70%) and gentle slopes (0-12%) effectively limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Thurber's Needlegrass > Western Needlegrass = Wyoming Big Sagebrush > other grasses > forbs > other shrubs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1300, Normal: 900, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR MOUNTAIN CLAYEY 9-12 PZ**						
Site Number	**010XC031OR**						
Plant Association	**FEID-PSSP6-POSE/ARTRW**						
Normal Lbs./Ac.	**1000**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**81%**	**74%**	***650***	***960***
Idaho fescue	Festuca idahoensis	FEID	1	60	80	***600***	***800***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	2	8	***20***	***80***
Sandberg bluegrass	Poa secunda	POSE	4	1	3	***10***	***30***
Other Perennial Grasses	N/A	PPGG	5	2	5	***20***	***50***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7				***0***	***0***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
oniongrass (gen.)	Melica	MELIC				***0***	***0***
threadleaf sedge	Carex filifolia	CAFI				***0***	***0***
basin wildrye	Leymus cinereus	LECI4				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**6%**	**10%**	***50***	***130***
fleabane	Erigeron	ERIGE2	7	1	2	***10***	***20***
common yarrow	Achillea millefolium	ACMI2	7	1	2	***10***	***20***
milkvetch	Astragalus	ASTRA	7	1	2	***10***	***20***
phlox	Phlox	PHLOX	7	1	2	***10***	***20***
Other Perennial Forbs	N/A	PPFF	9	1	5	***10***	***50***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
bushy bird's beak	Cordylanthus ramosus	CORA5				***0***	***0***
larkspur	Delphinium	DELPH				***0***	***0***
buttercup	Ranunculus	RANUN				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3				***0***	***0***
pussytoes	Antennaria	ANTEN				***0***	***0***
brodiaea	Brodiaea	BRODI				***0***	***0***
deathcamas	Zigadenus	ZIGAD				***0***	***0***
tansyaster	Machaeranthera	MACHA				***0***	***0***
hawksbeard	Crepis	CREPI				***0***	***0***
blepharipappus	Blepharipappus	BLEPH2				***0***	***0***
buckwheat (Eriog.)	Eriogonum	ERIOG				***0***	***0***
						0	***0***
						0	***0***
Shrubs				**13%**	**16%**	***100***	***210***
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	5	10	***50***	***100***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	3	***10***	***30***
squaw apple	Peraphyllum ramosissimum	PERA4	14	1	3	***10***	***30***
antelope bitterbrush	Purshia tridentata	PUTR2	12	1	2	***10***	***20***
Other Shrubs	N/A	SSSS	15	2	3	***20***	***30***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
gray rabbitbrush	Ericameria nauseosa	ERNA10				***0***	***0***
threetip sagebrush	Artemisia tripartita	ARTR4				***0***	***0***
granite prickly phlox	Leptodactylon pungens	LEPU				***0***	***0***
littleleaf horsebrush	Tetradymia glabrata	TEGL				***0***	***0***
shrubby buckwheat	Eriogonum microthecum	ERMI4				***0***	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***800***	***1300***

Site Name	SR MOUNTAIN CLAYEY 9-12 PZ				
Site Number	010XC031OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.09	0.16	0.22
	High	0.05	0.15	0.26	0.36

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-15%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Significant resistant to erosion: aggregate stability = 4-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep well drained silt loam to silty clay loam soils (4-12 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate to significant ground cover (60-70%) and gentle slopes (0-12%) effectively limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Shrubs > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-20%
15. Expected annual production (total above-ground) [1.0]	Favorable: 1500, Normal: 1000, Unfavorable: 500 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR MOUNTAIN CLAYEY 12-16 PZ						
Site Number	010XC032OR						
Plant Association	FEID-PSSP6/ARTRV						
Normal Lbs./Ac.	1500						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				78%	66%	1035	1350
Idaho fescue	Festuca idahoensis	FEID	1	60	70	900	1050
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	2	5	30	75
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	2	5	30	75
basin wildrye	Leymus cinereus	LECI4	2	1	3	15	45
Sandberg bluegrass	Poa secunda	POSE	4	1	2	15	30
prairie Junegrass	Koeleria macrantha	KOMA	4	1	2	15	30
Other Perennial Grasses	N/A	PPGG	5	2	3	30	45
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
oniongrass (gen.)	Melica	MELIC				0	0
threadleaf sedge	Carex filifolia	CAFI				0	0
needlegrass	Achnatherum	ACHNA				0	0
mountain brome	Bromus marginatus	BRMA4				0	0
Forbs				8%	12%	105	240
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	2	5	30	75
lupine	Lupinus	LUPIN	8	1	2	15	30
lomatium (gen.)	Lomatium	LOMAT	8	1	2	15	30
milkvetch	Astragalus	ASTRA	8	1	2	15	30
buckwheat (Eriog.)	Eriogonum	ERIOG	8	1	2	15	30
Other Perennial Forbs	N/A	PPFF	9	1	3	15	45
phlox	Phlox	PHLOX				0	0
buttercup	Ranunculus	RANUN				0	0
waterleaf	Hydrophyllum	HYDRO4				0	0
tapertip hawksbeard	Crepis acuminata	CRAC2				0	0
Indian paintbrush	Castilleja	CASTI2				0	0
pussytoes	Antennaria	ANTEN				0	0
deathcamas	Zigadenus	ZIGAD				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
mariposa lily	Calochortus	CALOC				0	0
bushy bird's beak	Cordylanthus ramosus	CORA5				0	0
owl's-clover (Ortho.)	Orthocarpus	ORTHO				0	0
groundsel	Senecio	SENEC				0	0
agoseris	Agoseris	AGOSE				0	0
brodiaea	Brodiaea	BRODI				0	0
Shrubs				11%	19%	150	390
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	10	75	150
squaw apple	Peraphyllum ramosissimum	PERA4	14	1	5	15	75
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	3	15	45
antelope bitterbrush	Purshia tridentata	PUTR2	12	1	3	15	45
Other Shrubs	N/A	SSSS	15	2	5	30	75
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0
gray rabbitbrush	Ericameria nauseosa	ERNA10				0	0
threetip sagebrush	Artemisia tripartita	ARTR4				0	0
currant	Ribes	RIBES				0	0
common snowberry	Symphoricarpos albus	SYAL				0	0
Trees				2%	3%	30	60
western juniper	Juniperus occidentalis	JUOC	16	1	2	15	30
ponderosa pine	Pinus ponderosa	PIPO	16	1	2	15	30
						0	0
Totals				100%	100%	1320	2040

Site Name	SR MOUNTAIN CLAYEY 12-16 PZ				
Site Number	010XC032OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.05	0.16	0.26	0.37
	High	0.08	0.24	0.40	0.56

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-15%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Significantly resistant to erosion: aggregate stability = 4-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep well drained silt loam to silty clay loam soils (8 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate to significant ground cover (60-70%) and gentle slopes (2-12%) effectively limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Bluebunch Wheatgrass > shrubs > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	15-30% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 2000, Normal: 1500, Unfavorable: 1000 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR MOUNTAIN LOAMY 12-16 PZ						
Site Number	010XC033OR						
Plant Association	FEID-PSSP6-ACHNA/ARTRV						
Normal Lbs./Ac.	1500						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				78%	68%	930	1455
Idaho fescue	Festuca idahoensis	FEID	1	40	50	600	750
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	10	75	150
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	5	10	75	150
western needlegrass	Achnatherum occidentale	ACOC3	2	5	10	75	150
needle and thread	Hesperostipa comata	HECO26	2	3	8	45	120
basin wildrye	Leymus cinereus	LECI4	2	1	2	15	30
threadleaf sedge	Carex filifolia	CAFI	4	1	2	15	30
Other Perennial Grasses	N/A	PPGG	5	2	5	30	75
Sandberg bluegrass	Poa secunda	POSE				0	0
prairie Junegrass	Koeleria macrantha	KOMA				0	0
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
						0	0
Forbs				9%	10%	105	210
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	2	3	30	45
lupine	Lupinus	LUPIN	8	1	2	15	30
lomatium (gen.)	Lomatium	LOMAT	8	1	2	15	30
milkvetch	Astragalus	ASTRA	8	1	2	15	30
buckwheat (Eriog.)	Eriogonum	ERIOG	8	1	2	15	30
Other Perennial Forbs	N/A	PPFF	9	1	3	15	45
phlox	Phlox	PHLOX				0	0
deathcamas	Zigadenus	ZIGAD				0	0
agoseris	Agoseris	AGOSE				0	0
tapertip hawksbeard	Crepis acuminata	CRAC2				0	0
stonecrop (Sedum)	Sedum	SEDUM				0	0
stoneseed	Lithospermum	LITHO3				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Shrubs				11%	20%	135	420
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	3	8	45	120
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	11	3	7	45	105
squaw apple	Peraphyllum ramosissimum	PERA4	13	1	5	15	75
antelope bitterbrush	Purshia tridentata	PUTR2	14	1	3	15	45
Other Shrubs	N/A	SSSS	15	1	5	15	75
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0
gray rabbitbrush	Ericameria nauseosa	ERNA10				0	0
threetip sagebrush	Artemisia tripartita	ARTR4				0	0
littleleaf horsebrush	Tetradymia glabrata	TEGL				0	0
common snowberry	Symphoricarpos albus	SYAL				0	0
Trees				3%	3%	30	60
western juniper	Juniperus occidentalis	JUOC	16	1	2	15	30
ponderosa pine	Pinus ponderosa	PIPO	16	1	2	15	30
						0	0
Totals				100%	100%	1200	2145

Site Name	SR MOUNTAIN LOAMY 12-16 PZ				
Site Number	010XC033OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.05	0.14	0.24	0.33
	High	0.08	0.25	0.42	0.59

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, Slight to moderate sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	2-12%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderate resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to very deep well drained loams to gravelly loams (12 inches thick). Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (60-80%) and gentle slopes (2-12%) effectively limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Bluebunch Wheatgrass = Thurber's Needlegrass > Western Needlegrass > shrubs > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	15-35% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1800, Normal: 1500, Unfavorable: 1200 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR SHRUBBY MOUNTAIN LOAM 16-20 PZ**						
Site Number	**010XC034OR**						
Plant Association	**FEID/AMAL-PUTR2-ARTRV**						
Normal Lbs./Ac.	**1600**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**65%**	**56%**	***784***	***1456***
Idaho fescue	Festuca idahoensis	FEID	1	40	60	***640***	***960***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	15	***80***	***240***
needlegrass	Achnatherum	ACHNA	2	2	8	***32***	***128***
blue wildrye	Elymus glaucus	ELGL	2	1	5	***16***	***80***
Other Perennial Grasses	N/A	PPGG	5	1	3	***16***	***48***
Sandberg bluegrass	Poa secunda	POSE				***0***	***0***
prairie Junegrass	Koeleria macrantha	KOMA				***0***	***0***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
sedge	Carex	CAREX				***0***	***0***
California brome	Bromus carinatus	BRCA5				***0***	***0***
						0	***0***
						0	***0***
Forbs				**7%**	**7%**	***80***	***192***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	3	5	***48***	***80***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	8	1	3	***16***	***48***
Other Perennial Forbs	N/A	PPFF	9	1	4	***16***	***64***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
lupine	Lupinus	LUPIN				***0***	***0***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
milkvetch	Astragalus	ASTRA				***0***	***0***
buttercup	Ranunculus	RANUN				***0***	***0***
stoneseed	Lithospermum	LITHO3				***0***	***0***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
phacelia	Phacelia	PHACE				***0***	***0***
waterleaf	Hydrophyllum	HYDRO4				***0***	***0***
fleabane	Erigeron	ERIGE2				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**25%**	**34%**	***304***	***880***
antelope bitterbrush	Purshia tridentata	PUTR2	11	5	20	***80***	***320***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	10	***80***	***160***
Saskatoon serviceberry	Amelanchier alnifolia	AMAL2	14	2	5	***32***	***80***
chokecherry	Prunus virginiana	PRVI	14	2	5	***32***	***80***
squaw apple	Peraphyllum ramosissimum	PERA4	14	1	5	***16***	***80***
common snowberry	Symphoricarpos albus	SYAL	14	1	3	***16***	***48***
wax currant	Ribes cereum	RICE	14	1	3	***16***	***48***
Other Shrubs	N/A	SSSS	15	2	4	***32***	***64***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
low Oregon grape	Mahonia repens	MARE11				***0***	***0***
Trees				**3%**	**2%**	***32***	***64***
western juniper	Juniperus occidentalis	JUOC	16	1	2	***16***	***32***
ponderosa pine	Pinus ponderosa	PIPO	16	1	2	***16***	***32***
						0	***0***
Totals				***100%***	***100%***	***1200***	***2592***

Site Name	SR SHRUBBY MOUNTAIN LOAM 16-20 PZ				
Site Number	010XC034OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.05	0.14	0.24	0.33
	High	0.10	0.31	0.51	0.72

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None to some
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-15%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Slight to moderate resistant to erosion: aggregate stability = 1-4
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep well drained loam to coarse sandy loam (8-20 inches thick). Low to moderate OM (0-3%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate to significant ground cover (60-70%) and gentle slopes (0-12%) effectively limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Antelope Bitterbrush > Bluebunch Wheatgrass > other shrubs > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	15-30% (<0.75")
15. Expected annual production (total above-ground) [1.0]	Favorable: 2000, Normal: 1600, Unfavorable: 1200 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR SHALLOW 9-12 PZ**						
Site Number	**010XC034OR**						
Plant Association	**PSSP6-ACTH7/ARTRW**						
Normal Lbs./Ac.	**600**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**86%**	**82%**	***372***	***696***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	40	60	***240***	***360***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	1	20	50	***120***	***300***
Sandberg bluegrass	Poa secunda	POSE	4	1	3	***6***	***18***
Cusick's bluegrass	Poa cusickii	POCU3	2	1	3	***6***	***18***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**6%**	**6%**	***24***	***54***
lupine	Lupinus	LUPIN	7	1	2	***6***	***12***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	1	2	***6***	***12***
Other Perennial Forbs	N/A	PPFF	9	2	5	***12***	***30***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
stoneseed	Lithospermum	LITHO3				***0***	***0***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
Indian paintbrush	Castilleja	CASTI2				***0***	***0***
buckwheat (Eriog.)	Eriogonum	ERIOG				***0***	***0***
phlox	Phlox	PHLOX				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**8%**	**11%**	***36***	***96***
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	3	8	***18***	***48***
squaw apple	Peraphyllum ramosissimum	PERA4	14	1	3	***6***	***18***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	3	***6***	***18***
antelope bitterbrush	Purshia tridentata	PUTR2	12	1	2	***6***	***12***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***432***	***846***

Site Name	SR SHALLOW 9-12 PZ				
Site Number	010XC034OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.02	0.05	0.09	0.12
	High	0.03	0.10	0.17	0.23

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-20%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderate resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained loam to gravelly silt loam (6 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (40-60%) and gentle slopes (2-20%) moderately limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Thurber's Needlegrass > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	5-20% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1000, Normal: 600, Unfavorable: 300 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR MOUNTAIN SHALLOW 9-12 PZ**						
Site Number	**010XC036OR**						
Plant Association	**FEID-PSSP6-POSE/ARTRW**						
Normal Lbs./Ac.	**600**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**73%**	**69%**	***366***	***570***
Idaho fescue	Festuca idahoensis	FEID	1	50	70	***300***	***420***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	10	***30***	***60***
Sandberg bluegrass	Poa secunda	POSE	4	3	8	***18***	***48***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	2	5	***12***	***30***
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	1	2	***6***	***12***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**6%**	**9%**	***30***	***78***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	1	2	***6***	***12***
lomatium (gen.)	Lomatium	LOMAT	7	1	2	***6***	***12***
phlox	Phlox	PHLOX	7	1	2	***6***	***12***
fleabane	Erigeron	ERIGE2	7	1	2	***6***	***12***
Other Perennial Forbs	N/A	PPFF	9	1	5	***6***	***30***
milkvetch	Astragalus	ASTRA				***0***	***0***
bitter root	Lewisia rediviva	LERE7				***0***	***0***
buckwheat (Eriog.)	Eriogonum	ERIOG				***0***	***0***
buttercup	Ranunculus	RANUN				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
brodiaea	Brodiaea	BRODI				***0***	***0***
pricklypear	Opuntia	OPUNT				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**20%**	**22%**	***102***	***180***
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	15	25	***90***	***150***
Other Shrubs	N/A	SSSS	15	2	5	***12***	***30***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
spiny hopsage	Grayia spinosa	GRSP				***0***	***0***
scabland sagebrush	Artemisia rigida	ARRI2				***0***	***0***
squaw apple	Peraphyllum ramosissimum	PERA4				***0***	***0***
antelope bitterbrush	Purshia tridentata	PUTR2				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***498***	***828***

Site Name	SR MOUNTAIN SHALLOW 9-12 PZ				
Site Number	010XC036OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible		Class	Poor	Fair	Good	Excellent
		Low	0.02	0.06	0.10	0.14
		High	0.03	0.10	0.16	0.23
Rangeland Health Indicator [wt]	**Potential for this Site**					
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)					
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-25%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderate to significant resistant to erosion: aggregate stability = 4-6					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained gravelly clay loam (6 inches thick). Low to Moderate OM (0-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (30-50%) and gentle slopes (0-15%) moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Wyoming Big Sagebrush > Bluebunch Wheatgrass > Other grasses > forbs > other shrubs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	5-20% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1100, Normal: 600, Unfavorable: 300 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

Site Name	**SR MOUNTAIN SHALLOW 12-16 PZ**						
Site Number	**010XC037OR**						
Plant Association	**FEID-PSSP6/ARTRV**						
Normal Lbs./Ac.	**1200**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**82%**	**71%**	***828***	***1128***
Idaho fescue	Festuca idahoensis	FEID	1	60	70	***720***	***840***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	15	***60***	***180***
Sandberg bluegrass	Poa secunda	POSE	4	2	5	***24***	***60***
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	1	2	***12***	***24***
prairie Junegrass	Koeleria macrantha	KOMA	4	1	2	***12***	***24***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**7%**	**11%**	***72***	***180***
lupine	Lupinus	LUPIN	7	1	2	***12***	***24***
lomatium (gen.)	Lomatium	LOMAT	7	1	2	***12***	***24***
phlox	Phlox	PHLOX	7	1	2	***12***	***24***
fleabane	Erigeron	ERIGE2	7	1	2	***12***	***24***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	1	2	***12***	***24***
Other Perennial Forbs	N/A	PPFF	9	1	5	***12***	***60***
milkvetch	Astragalus	ASTRA				***0***	***0***
bitter root	Lewisia rediviva	LERE7				***0***	***0***
buttercup	Ranunculus	RANUN				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
mariposa lily	Calochortus	CALOC				***0***	***0***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
bushy bird's beak	Cordylanthus ramosus	CORA5				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**11%**	**18%**	***108***	***288***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	10	***60***	***120***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	3	***12***	***36***
threetip sagebrush	Artemisia tripartita	ARTR4	12	1	3	***12***	***36***
antelope bitterbrush	Purshia tridentata	PUTR2	12	1	3	***12***	***36***
Other Shrubs	N/A	SSSS	15	1	5	***12***	***60***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
squaw apple	Peraphyllum ramosissimum	PERA4				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***1008***	***1596***

Site Name	SR MOUNTAIN SHALLOW 12-16 PZ				
Site Number	010XC037OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.04	0.12	0.20	0.28
	High	0.06	0.19	0.32	0.44

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-20%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderate resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained very stony or gravelly loam (6-8 inches thick) Low OM (0-2%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate to significant ground cover (50-70%) and gentle to moderate slopes (0-30%) moderately limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > other grasses = shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-25% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1500, Normal: 1200, Unfavorable: 1000 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR VERY SHALLOW 9-12 PZ**						
Site Number	**010XC038OR**						
Plant Association	**POSE-FEID/ARRI2**						
Normal Lbs./Ac.	**300**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**63%**	**56%**	***150***	***249***
Sandberg bluegrass	Poa secunda	POSE	3	40	60	***120***	***180***
Idaho fescue	Festuca idahoensis	FEID	2	5	10	***15***	***30***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	3	8	***9***	***24***
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	2	5	***6***	***15***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**13%**	**16%**	***30***	***72***
lomatium (gen.)	Lomatium	LOMAT	7	3	8	***9***	***24***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	2	5	***6***	***15***
phlox	Phlox	PHLOX	8	1	2	***3***	***6***
fleabane	Erigeron	ERIGE2	8	1	2	***3***	***6***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	8	1	2	***3***	***6***
Other Perennial Forbs	N/A	PPFF	9	2	5	***6***	***15***
agoseris	Agoseris	AGOSE				***0***	***0***
beardtongue	Penstemon	PENST				***0***	***0***
blepharipappus	Blepharipappus	BLEPH2				***0***	***0***
tansyaster	Machaeranthera	MACHA				***0***	***0***
pricklypear	Opuntia	OPUNT				***0***	***0***
deathcamas	Zigadenus	ZIGAD				***0***	***0***
pussytoes	Antennaria	ANTEN				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**25%**	**27%**	***60***	***120***
scabland sagebrush	Artemisia rigida	ARRI2	11	20	40	***60***	***120***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***240***	***441***

Site Name	SR VERY SHALLOW 9-12 PZ				
Site Number	010XC038OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.01	0.03	0.05	0.07
	High	0.02	0.05	0.09	0.12

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, Severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-20%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderate resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very shallow well drained loam to cobbly loam (4 inches thick) Low OM (0-2%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low to moderate ground cover (30-50%) and gentle slopes (0-20%%) moderately limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Sandberg Bluegrass > Stiff Sagebrush > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	2-10% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 400, Normal: 300, Unfavorable: 100 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR MOUNTAIN VERY SHALLOW 12-16 PZ**
Site Number	**010XC039OR**
Plant Association	**DAUN-POSE-FEID/ARRI2**
Normal Lbs./Ac.	**400**

Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**62%**	**61%**	***184***	***368***
onespike danthonia	Danthonia unispicata	DAUN	3	20	40	***80***	***160***
Sandberg bluegrass	Poa secunda	POSE	3	10	20	***40***	***80***
Idaho fescue	Festuca idahoensis	FEID	1	10	20	***40***	***80***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	10	***20***	***40***
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	1	2	***4***	***8***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**14%**	**18%**	***40***	***108***
lomatium (gen.)	Lomatium	LOMAT	7	3	8	***12***	***32***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	2	5	***8***	***20***
serrate balsamroot	Balsamorhiza serrata	BASE2	8	1	3	***4***	***12***
fleabane	Erigeron	ERIGE2	8	1	2	***4***	***8***
common yarrow	Achillea millefolium	ACMI2	8	1	2	***4***	***8***
phlox	Phlox	PHLOX	8	1	2	***4***	***8***
Other Perennial Forbs	N/A	PPFF	9	1	5	***4***	***20***
pussytoes	Antennaria	ANTEN				***0***	***0***
largehead clover	Trifolium macrocephalum	TRMA3				***0***	***0***
owl's-clover (Ortho.)	Orthocarpus	ORTHO				***0***	***0***
bluebells	Mertensia	MERTE				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
blepharipappus	Blepharipappus	BLEPH2				***0***	***0***
bitter root	Lewisia rediviva	LERE7				***0***	***0***
larkspur	Delphinium	DELPH				***0***	***0***
blue eyed Mary	Collinsia	COLLI				***0***	***0***
grasswidow	Olsynium	OLSYN				***0***	***0***
stoneseed	Lithospermum	LITHO3				***0***	***0***
						0	***0***
						0	***0***
Shrubs				**23%**	**20%**	***68***	***120***
scabland sagebrush	Artemisia rigida	ARRI2	11	15	25	***60***	***100***
Other Shrubs	N/A	SSSS	15	2	5	***8***	***20***
antelope bitterbrush	Purshia tridentata	PUTR2				***0***	***0***
low sagebrush	Artemisia arbuscula	ARAR8				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**1%**	**1%**	***4***	***8***
western juniper	Juniperus occidentalis	JUOC	16	1	2	***4***	***8***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***296***	***604***

Site Name	SR MOUNTAIN VERY SHALLOW 12-16 PZ				
Site Number	010XC039OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.01	0.04	0.06	0.08
	High	0.02	0.07	0.12	0.17

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-20%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderate resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very shallow well drained loam to cobbly loam (3-6 inches thick) Low OM (0-2%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low to moderate ground cover (30-50%) and gentle slopes (%) moderately limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	One-spike Oatgrass > Stiff Sagebrush > Sandber Bluegrass = Idaho Fescue > other shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	2-10% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 600, Normal: 400, Unfavorable: 200 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR MOUNTAIN VERY SHALLOW 16-20 PZ						
Site Number	010XC040OR						
Plant Association	POSE-FEID/ARRI2						
Normal Lbs./Ac.	600						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				50%	50%	210	450
Sandberg bluegrass	Poa secunda	POSE	3	15	25	90	150
Idaho fescue	Festuca idahoensis	FEID	1	10	20	60	120
onespike danthonia	Danthonia unispicata	DAUN	4	5	15	30	90
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	15	30	90
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Forbs				16%	24%	66	216
lomatium (gen.)	Lomatium	LOMAT	7	3	8	18	48
largehead clover	Trifolium macrocephalum	TRMA3	7	2	5	12	30
Hooker's balsamroot	Balsamorhiza hookeri	BAHO	7	2	5	12	30
phlox	Phlox	PHLOX	8	1	3	6	18
fleabane	Erigeron	ERIGE2	8	1	3	6	18
Other Perennial Forbs	N/A	PPFF	9	2	12	12	72
agoseris	Agoseris	AGOSE				0	0
larkspur	Delphinium	DELPH				0	0
grasswidow	Olsynium	OLSYN				0	0
pussytoes	Antennaria	ANTEN				0	0
bluebells	Mertensia	MERTE				0	0
stoneseed	Lithospermum	LITHO3				0	0
stonecrop (Sedum)	Sedum	SEDUM				0	0
wild onion	Allium	ALLIU				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Shrubs				31%	23%	132	210
scabland sagebrush	Artemisia rigida	ARRI2	11	20	30	120	180
antelope bitterbrush	Purshia tridentata	PUTR2	12	2	5	12	30
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Trees				3%	3%	12	24
western juniper	Juniperus occidentalis	JUOC	16	1	2	6	12
ponderosa pine	Pinus ponderosa	PIPO	16	1	2	6	12
						0	0
Totals				100%	100%	420	900

Site Name	SR MOUNTAIN VERY SHALLOW 16-20 PZ				
Site Number	010XC040OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.02	0.05	0.08	0.12
	High	0.04	0.11	0.18	0.25

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-20%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderate to significant resistant to erosion: aggregate stability = 4-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very shallow well drained very stony clay loam (6 inches thick) Low OM (0-2%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low to Moderate ground cover (30-50%) and gentle slopes (3-12%) moderately limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Stiff Sagebrush > Sandberg Bluegrass > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	2-10% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 800, Normal: 600, Unfavorable: 400 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR CLAYEY SOUTH 9-12 PZ**						
Site Number	**010XC043OR**						
Plant Association	**PSSP6-ACTH7-POSE/ARTRW**						
Normal Lbs./Ac.	**800**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**85%**	**78%**	***560***	***904***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	60	80	***480***	***640***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	5	20	***40***	***160***
Sandberg bluegrass	Poa secunda	POSE	4	3	8	***24***	***64***
Other Perennial Grasses	N/A	PPGG	5	2	5	***16***	***40***
Idaho fescue	Festuca idahoensis	FEID				***0***	***0***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6				***0***	***0***
basin wildrye	Leymus cinereus	LECI4				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**6%**	**10%**	***40***	***112***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	2	5	***16***	***40***
lomatium (gen.)	Lomatium	LOMAT	8	1	2	***8***	***16***
lupine	Lupinus	LUPIN	8	1	2	***8***	***16***
Other Perennial Forbs	N/A	PPFF	9	1	5	***8***	***40***
fleabane	Erigeron	ERIGE2				***0***	***0***
stoneseed	Lithospermum	LITHO3				***0***	***0***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
phlox	Phlox	PHLOX				***0***	***0***
milkvetch	Astragalus	ASTRA				***0***	***0***
buckwheat (Eriog.)	Eriogonum	ERIOG				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
phacelia	Phacelia	PHACE				***0***	***0***
pussytoes	Antennaria	ANTEN				***0***	***0***
primrose	Primula	PRIMU				***0***	***0***
tansyaster	Machaeranthera	MACHA				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**9%**	**12%**	***56***	***136***
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	2	5	***16***	***40***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	3	***8***	***24***
antelope bitterbrush	Purshia tridentata	PUTR2	12	1	2	***8***	***16***
squaw apple	Peraphyllum ramosissimum	PERA4	14	1	2	***8***	***16***
gray rabbitbrush	Ericameria nauseosa	ERNA10	12	1	2	***8***	***16***
Other Shrubs	N/A	SSSS	15	1	3	***8***	***24***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
threetip sagebrush	Artemisia tripartita	ARTR4				***0***	***0***
horsebrush	Tetradymia	TETRA3				***0***	***0***
broom snakeweed	Gutierrezia sarothrae	GUSA2				***0***	***0***
hackberry	Celtis	CELTI				***0***	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***656***	***1152***

Site Name	SR CLAYEY SOUTH 9-12 PZ				
Site Number	010XC043OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.08	0.13	0.18
	High	0.05	0.14	0.23	0.32

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to few on steeper slopes
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-20%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight to moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderate to significant resistant to erosion: aggregate stability = 3-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderaly deep to deep well drained silt loam or gravelly clay loam (3-10 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (50-70%) and gentle to steep slopes (12-70%) moderately limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > other grasses > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1000, Normal: 800, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR SOUTH SCHIST 9-12 PZ						
Site Number	010XC044OR						
Plant Association	PSSP6-GLSP						
Normal Lbs./Ac.	700						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				88%	75%	511	602
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	70	80	490	560
Sandberg bluegrass	Poa secunda	POSE	4	1	2	7	14
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	1	2	7	14
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	1	2	7	14
basin wildrye	Leymus cinereus	LECI4				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Forbs				7%	13%	42	105
lomatium (gen.)	Lomatium	LOMAT	7	1	3	7	21
milkvetch	Astragalus	ASTRA	7	1	3	7	21
cliff beardtongue	Penstemon rupicola	PERU	8	1	2	7	14
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	8	1	2	7	14
Other Perennial Forbs	N/A	PPFF	9	2	5	14	35
buckwheat (Eriog.)	Eriogonum	ERIOG				0	0
wild onion	Allium	ALLIU				0	0
phacelia	Phacelia	PHACE				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
beardtongue	Penstemon	PENST				0	0
larkspur	Delphinium	DELPH				0	0
stoneseed	Lithospermum	LITHO3				0	0
western stoneseed	Lithospermum ruderale	LIRU4				0	0
blazingstar	Mentzelia	MENTZ				0	0
agoseris	Agoseris	AGOSE				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Shrubs				5%	11%	28	91
spiny greasebush	Glossopetalon spinescens	GLSP	13	2	8	14	56
spiny hopsage	Grayia spinosa	GRSP	14	1	2	7	14
Other Shrubs	N/A	SSSS	15	1	3	7	21
gray rabbitbrush	Ericameria nauseosa	ERNA10				0	0
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0
hackberry	Celtis	CELTI				0	0
						0	0
						0	0
						0	0
						0	0
Trees				0%	0%	0	0
						0	0
						0	0
						0	0
Totals				100%	100%	581	798

Site Name	SR SOUTH SCHIST 9-12 PZ				
Site Number	010XC044OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible		Class	Poor	Fair	Good	Excellent
		Low	0.02	0.07	0.11	0.16
		High	0.03	0.09	0.16	0.22

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-25%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight to moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Significantly resistant to erosion: aggregate stability = 4-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep well drained extremely channery loam (7 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (30-50%) and moderate to steep slopes (3-=80%) slightly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > forbs > shrubs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1200, Normal: 700, Unfavorable: 400 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR MOUNTAIN SOUTH 12-16 PZ						
Site Number	010XC047OR						
Plant Association	PSSP6-FEID/ARTRV						
Normal Lbs./Ac.	1000						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				72%	68%	560	1050
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	40	60	400	600
Idaho fescue	Festuca idahoensis	FEID	1	10	30	100	300
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	2	5	20	50
Sandberg bluegrass	Poa secunda	POSE	4	1	3	10	30
basin wildrye	Leymus cinereus	LECI4	2	1	2	10	20
Other Perennial Grasses	N/A	PPGG	5	2	5	20	50
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
mountain brome	Bromus marginatus	BRMA4				0	0
needlegrass	Achnatherum	ACHNA				0	0
prairie Junegrass	Koeleria macrantha	KOMA				0	0
						0	0
						0	0
Forbs				10%	14%	80	210
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	2	5	20	50
lupine	Lupinus	LUPIN	8	1	2	10	20
lomatium (gen.)	Lomatium	LOMAT	8	1	2	10	20
milkvetch	Astragalus	ASTRA	8	1	2	10	20
common yarrow	Achillea millefolium	ACMI2	8	1	2	10	20
Other Perennial Forbs	N/A	PPFF	9	2	8	20	80
wild onion	Allium	ALLIU				0	0
agoseris	Agoseris	AGOSE				0	0
groundsel	Senecio	SENEC				0	0
phlox	Phlox	PHLOX				0	0
Indian paintbrush	Castilleja	CASTI2				0	0
waterleaf	Hydrophyllum	HYDRO4				0	0
duncecap larkspur	Delphinium ×occidentale	DEOC				0	0
phacelia	Phacelia	PHACE				0	0
western stoneseed	Lithospermum ruderale	LIRU4				0	0
hawksbeard	Crepis	CREPI				0	0
brodiaea	Brodiaea	BRODI				0	0
bushy bird's beak	Cordylanthus ramosus	CORA5				0	0
rock buckwheat	Eriogonum sphaerocephalum	ERSP7				0	0
woodland-star	Lithophragma	LITHO2				0	0
Shrubs				15%	16%	120	250
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	3	5	30	50
squaw apple	Peraphyllum ramosissimum	PERA4	13	3	5	30	50
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	2	3	20	30
antelope bitterbrush	Purshia tridentata	PUTR2	14	1	5	10	50
common snowberry	Symphoricarpos albus	SYAL	14	1	2	10	20
Other Shrubs	N/A	SSSS	15	2	5	20	50
gray rabbitbrush	Ericameria nauseosa	ERNA10				0	0
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0
shrubby buckwheat	Eriogonum microthecum	ERMI4				0	0
horsebrush	Tetradymia	TETRA3				0	0
Trees				3%	3%	20	40
western juniper	Juniperus occidentalis	JUOC	16	1	2	10	20
ponderosa pine	Pinus ponderosa	PIPO	16	1	2	10	20
						0	0
Totals				100%	100%	780	1550

Site Name	SR MOUNTAIN SOUTH 12-16 PZ				
Site Number	010XC047OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.09	0.15	0.22
	High	0.06	0.18	0.31	0.43

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-15%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability = 3-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep well drained loam or silty clay (5-12 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (50-70%) and gentle to steep slopes (12-60%) moderately limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Idaho Fescue > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-20%
15. Expected annual production (total above-ground) [1.0]	Favorable: 1400, Normal: 1000, Unfavorable: 700 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR SHRUBBY MOUNTAIN SOUTH 16-20 PZ						
Site Number	010XC049OR						
Plant Association	PSSP6/ARTRV-PUTR2-PREM						
Normal Lbs./Ac.	1500						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				48%	42%	540	1035
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	25	35	375	525
needlegrass	Achnatherum	ACHNA	1	5	15	75	225
Idaho fescue	Festuca idahoensis	FEID	2	2	8	30	120
Sandberg bluegrass	Poa secunda	POSE	4	1	3	15	45
sedge	Carex	CAREX	2	1	3	15	45
Other Perennial Grasses	N/A	PPGG	5	2	5	30	75
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
mountain brome	Bromus marginatus	BRMA4				0	0
blue wildrye	Elymus glaucus	ELGL				0	0
						0	0
						0	0
						0	0
Forbs				7%	7%	75	180
buckwheat (Eriog.)	Eriogonum	ERIOG	7	2	5	30	75
common yarrow	Achillea millefolium	ACMI2	8	1	2	15	30
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	8	1	2	15	30
Other Perennial Forbs	N/A	PPFF	9	1	3	15	45
wild onion	Allium	ALLIU				0	0
violet	Viola	VIOLA				0	0
western stoneseed	Lithospermum ruderale	LIRU4				0	0
waterleaf	Hydrophyllum	HYDRO4				0	0
brodiaea	Brodiaea	BRODI				0	0
beardtongue	Penstemon	PENST				0	0
milkvetch	Astragalus	ASTRA				0	0
phacelia	Phacelia	PHACE				0	0
lupine	Lupinus	LUPIN				0	0
phlox	Phlox	PHLOX				0	0
deathcamas	Zigadenus	ZIGAD				0	0
						0	0
						0	0
						0	0
Shrubs				43%	48%	480	1200
antelope bitterbrush	Purshia tridentata	PUTR2	11	10	20	150	300
squaw apple	Peraphyllum ramosissimum	PERA4	13	5	15	75	225
bitter cherry	Prunus emarginata	PREM	13	5	15	75	225
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	10	75	150
Saskatoon serviceberry	Amelanchier alnifolia	AMAL2	14	2	5	30	75
common snowberry	Symphoricarpos albus	SYAL	14	1	3	15	45
wax currant	Ribes cereum	RICE	14	1	3	15	45
chokecherry	Prunus virginiana	PRVI	14	1	3	15	45
Other Shrubs	N/A	SSSS	15	2	6	30	90
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0
shrubby buckwheat	Eriogonum microthecum	ERMI4				0	0
low Oregon grape	Mahonia repens	MARE11				0	0
Trees				3%	2%	30	60
western juniper	Juniperus occidentalis	JUOC	16	1	2	15	30
ponderosa pine	Pinus ponderosa	PIPO	16	1	2	15	30
						0	0
Totals				100%	100%	1125	2475

Site Name	SR SHRUBBY MOUNTAIN SOUTH 16-20 PZ				
Site Number	010XC049OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.04	0.13	0.22	0.31
	High	0.10	0.29	0.49	0.69

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-15%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep well drained loam to gravelly loam (6-20 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (60-70%) and gentle to steep slopes (12-60%) moderately to significantly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > shrubs > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	15-30% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1800, Normal: 1500, Unfavorable: 1000 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR SHALLOW SOUTH 9-12 PZ						
Site Number	010XC050OR						
Plant Association	PSSP6-ACTH7-POSE/ARTRW						
Normal Lbs./Ac.	500						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				88%	82%	370	600
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	60	80	300	400
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	1	10	30	50	150
Sandberg bluegrass	Poa secunda	POSE	4	3	8	15	40
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	1	2	5	10
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Forbs				7%	11%	30	80
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	2	5	10	25
cliff beardtongue	Penstemon rupicola	PERU	8	1	2	5	10
common yarrow	Achillea millefolium	ACMI2	8	1	2	5	10
wild onion	Allium	ALLIU	8	1	2	5	10
Other Perennial Forbs	N/A	PPFF	9	1	5	5	25
western stoneseed	Lithospermum ruderale	LIRU4				0	0
tapertip hawksbeard	Crepis acuminata	CRAC2				0	0
milkvetch	Astragalus	ASTRA				0	0
phacelia	Phacelia	PHACE				0	0
lupine	Lupinus	LUPIN				0	0
phlox	Phlox	PHLOX				0	0
lomatium (gen.)	Lomatium	LOMAT				0	0
fleabane	Erigeron	ERIGE2				0	0
buckwheat (Eriog.)	Eriogonum	ERIOG				0	0
pussytoes	Antennaria	ANTEN				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Shrubs				5%	7%	20	55
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	1	5	5	25
gray rabbitbrush	Ericameria nauseosa	ERNA10	12	1	2	5	10
antelope bitterbrush	Purshia tridentata	PUTR2	13	1	2	5	10
squaw apple	Peraphyllum ramosissimum	PERA4	13	1	2	5	10
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Trees				0%	0%	0	0
						0	0
						0	0
						0	0
Totals				100%	100%	420	735

Site Name	SR SHALLOW SOUTH 9-12 PZ				
Site Number	010XC050OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible		Class	Poor	Fair	Good	Excellent
		Low	0.02	0.05	0.08	0.12
		High	0.03	0.09	0.15	0.20

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-35%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight to moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained gravelly clay loam or gravelly clay, or gravelly sandy clay loam (6 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low to Moderate ground cover (30-50%) and moderate to steep slopes (30-80%) moderately to slightly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Thurber's Needlegrass > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 800, Normal: 500, Unfavorable: 300 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR HIGH MOUNTAIN SOUTH 16-20 PZ						
Site Number	010XC051OR						
Plant Association	PSSP6-ACHNA/ERIOG/ARTRV						
Normal Lbs./Ac.	1200						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				74%	65%	672	1344
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	40	60	480	720
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	3	10	36	120
needlegrass	Achnatherum	ACHNA	2	3	10	36	120
Idaho fescue	Festuca idahoensis	FEID	2	2	8	24	96
blue wildrye	Elymus glaucus	ELGL	2	2	8	24	96
threadleaf sedge	Carex filifolia	CAFI	2	2	8	24	96
Sandberg bluegrass	Poa secunda	POSE	4	2	3	24	36
Other Perennial Grasses	N/A	PPGG	5	2	5	24	60
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
mountain brome	Bromus marginatus	BRMA4				0	0
prairie Junegrass	Koeleria macrantha	KOMA				0	0
basin wildrye	Leymus cinereus	LECI4				0	0
Forbs				12%	15%	108	312
buckwheat (Eriog.)	Eriogonum	ERIOG	7	5	15	60	180
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	8	1	2	12	24
groundsel	Senecio	SENEC	8	1	2	12	24
phlox	Phlox	PHLOX	8	1	2	12	24
Other Perennial Forbs	N/A	PPFF	9	1	5	12	60
western stoneseed	Lithospermum ruderale	LIRU4				0	0
brodiaea	Brodiaea	BRODI				0	0
bluebells	Mertensia	MERTE				0	0
stonecrop (Sedum)	Sedum	SEDUM				0	0
phacelia	Phacelia	PHACE				0	0
deathcamas	Zigadenus	ZIGAD				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
buttercup	Ranunculus	RANUN				0	0
waterleaf	Hydrophyllum	HYDRO4				0	0
Scouler's woollyweed	Hieracium scouleri	HISC2				0	0
avens	Geum	GEUM				0	0
						0	0
						0	0
						0	0
						0	0
Shrubs				12%	18%	108	372
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	15	60	180
rabbitbrush	Chrysothamnus	CHRYS9	12	1	3	12	36
wax currant	Ribes cereum	RICE	14	1	3	12	36
Other Shrubs	N/A	SSSS	15	2	10	24	120
squaw apple	Peraphyllum ramosissimum	PERA4				0	0
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT				0	0
antelope bitterbrush	Purshia tridentata	PUTR2				0	0
common snowberry	Symphoricarpos albus	SYAL				0	0
low Oregon grape	Mahonia repens	MARE11				0	0
rose	Rosa	ROSA5				0	0
Trees				3%	2%	24	48
western juniper	Juniperus occidentalis	JUOC	16	1	2	12	24
ponderosa pine	Pinus ponderosa	PIPO	16	1	2	12	24
						0	0
Totals				100%	100%	912	2076

Site Name	SR HIGH MOUNTAIN SOUTH 16-20 PZ				
Site Number	010XC051OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.04	0.11	0.18	0.25
	High	0.08	0.25	0.41	0.57

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some, Moderate to severe sheet & rill erosion hazard
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-20%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep well drained loam to very gravelly loam (6-20 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (50-60%) and gentle to steep slopes (12-70%) moderately to slightly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Buchwheat = Mountain Big Sagebrush > Needlegrass > other grasses > other shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	5-20% (<0.75")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1600, Normal: 1200, Unfavorable: 900 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR SHALLOW SOUTH SCHIST 9-12 PZ**						
Site Number	**010XC052OR**						
Plant Association	**PSSP6/GLSP**						
Normal Lbs./Ac.	**500**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**81%**	**69%**	***320***	***395***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	60	70	***300***	***350***
Sandberg bluegrass	Poa secunda	POSE	4	2	5	***10***	***25***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	1	2	***5***	***10***
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	1	2	***5***	***10***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**9%**	**12%**	***35***	***70***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	2	3	***10***	***15***
milkvetch	Astragalus	ASTRA	8	1	2	***5***	***10***
cliff beardtongue	Penstemon rupicola	PERU	8	1	2	***5***	***10***
lomatium (gen.)	Lomatium	LOMAT	8	1	2	***5***	***10***
Other Perennial Forbs	N/A	PPFF	9	2	5	***10***	***25***
western stoneseed	Lithospermum ruderale	LIRU4				***0***	***0***
phacelia	Phacelia	PHACE				***0***	***0***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
larkspur	Delphinium	DELPH				***0***	***0***
woodland-star	Lithophragma	LITHO2				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
agoseris	Agoseris	AGOSE				***0***	***0***
blazingstar	Mentzelia	MENTZ				***0***	***0***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3				***0***	***0***
goldenweed	Pyrrocoma	PYRRO				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**10%**	**18%**	***40***	***105***
spiny greasebush	Glossopetalon spinescens	GLSP	11	5	15	***25***	***75***
spiny hopsage	Grayia spinosa	GRSP	12	1	2	***5***	***10***
gray rabbitbrush	Ericameria nauseosa	ERNA10	12	1	2	***5***	***10***
horsebrush	Tetradymia	TETRA3	14	1	2	***5***	***10***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***395***	***570***

Site Name	SR SHALLOW SOUTH SCHIST 9-12 PZ				
Site Number	010XC052OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.02	0.05	0.08	0.11
	High	0.02	0.07	0.11	0.16

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	15-30%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained channery loam (3 inches thick) Low OM (0-2%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (20-40%) and moderate to steep slopes (30-80%) slightly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Snake River Greasbush > forbs > other shrubs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 800, Normal: 500, Unfavorable: 300 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR HIGH MOUNTAIN LOAM 18+ PZ						
Site Number	010XCO53OR						
Plant Association	FEID-ACHNA-CAREX/ARTRV						
Normal Lbs./Ac.	1200						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				85%	77%	804	1272
Idaho fescue	Festuca idahoensis	FEID	1	50	70	600	840
sedge	Carex	CAREX	2	5	10	60	120
needlegrass	Achnatherum	ACHNA	2	5	8	60	96
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	2	5	24	60
Sandberg bluegrass	Poa secunda	POSE	4	2	5	24	60
basin wildrye	Leymus cinereus	LECI4	2	1	5	12	60
Other Perennial Grasses	N/A	PPGG	5	2	3	24	36
mountain brome	Bromus marginatus	BRMA4				0	0
prairie Junegrass	Koeleria macrantha	KOMA				0	0
						0	0
						0	0
						0	0
Forbs				6%	9%	60	144
buckwheat (Eriog.)	Eriogonum	ERIOG	7	2	5	24	60
phlox	Phlox	PHLOX	8	1	3	12	36
avens	Geum	GEUM	8	1	2	12	24
Other Perennial Forbs	N/A	PPFF	9	1	2	12	24
sandwort (Arena.)	Arenaria	ARENA				0	0
tapertip hawksbeard	Crepis acuminata	CRAC2				0	0
lupine	Lupinus	LUPIN				0	0
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3				0	0
pussytoes	Antennaria	ANTEN				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
agoseris	Agoseris	AGOSE				0	0
shootingstar	Dodecatheon	DODEC				0	0
cinquefoil	Potentilla	POTEN				0	0
alumroot	Heuchera	HEUCH				0	0
purslane	Portulaca	PORTU				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Shrubs				9%	14%	84	228
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	15	60	180
wax currant	Ribes cereum	RICE	14	1	2	12	24
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8	12	1	2	12	24
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Trees				0%	0%	0	0
						0	0
						0	0
						0	0
Totals				100%	100%	948	1644

Site Name	SR HIGH MOUNTAIN LOAM 18+ PZ				
Site Number	010XC053OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible		Class	Poor	Fair	Good	Excellent
		Low	0.04	0.11	0.19	0.26
		High	0.07	0.20	0.33	0.46

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, to some, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-15%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep and well drained loam to very gravelly loam (8-20 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate to significant ground cover (60-70%) and gentle to moderately steep slopes (2-35%) moderately to significantly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > other grasses > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	5-20% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1600, Normal: 1200, Unfavorable: 900 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR MOUNTAIN SHALLOW SOUTH 12-16 PZ**						
Site Number	**010XC054OR**						
Plant Association	**PSSP6-ACTH7-POSE/ARTRV**						
Normal Lbs./Ac.	**600**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**77%**	**71%**	***360***	***648***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	50	70	***300***	***420***
Sandberg bluegrass	Poa secunda	POSE	4	5	15	***30***	***90***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	2	10	***12***	***60***
Idaho fescue	Festuca idahoensis	FEID	2	2	8	***12***	***48***
Other Perennial Grasses	N/A	PPGG	5	1	5	***6***	***30***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
prairie Junegrass	Koeleria macrantha	KOMA				***0***	***0***
needlegrass	Achnatherum	ACHNA				***0***	***0***
onespike danthonia	Danthonia unispicata	DAUN				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**6%**	**8%**	***30***	***78***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	1	2	***6***	***12***
lupine	Lupinus	LUPIN	7	1	2	***6***	***12***
lomatium (gen.)	Lomatium	LOMAT	7	1	2	***6***	***12***
milkvetch	Astragalus	ASTRA	7	1	2	***6***	***12***
Other Perennial Forbs	N/A	PPFF	9	1	5	***6***	***30***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
western stoneseed	Lithospermum ruderale	LIRU4				***0***	***0***
phacelia	Phacelia	PHACE				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
Indian paintbrush	Castilleja	CASTI2				***0***	***0***
fleabane	Erigeron	ERIGE2				***0***	***0***
brodiaea	Brodiaea	BRODI				***0***	***0***
buckwheat (Eriog.)	Eriogonum	ERIOG				***0***	***0***
phlox	Phlox	PHLOX				***0***	***0***
groundsel	Senecio	SENEC				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**14%**	**18%**	***66***	***168***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	3	5	***18***	***30***
antelope bitterbrush	Purshia tridentata	PUTR2	11	2	8	***12***	***48***
squaw apple	Peraphyllum ramosissimum	PERA4	14	2	5	***12***	***30***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	3	***6***	***18***
wax currant	Ribes cereum	RICE	14	1	2	***6***	***12***
Other Shrubs	N/A	SSSS	15	2	5	***12***	***30***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
gray rabbitbrush	Ericameria nauseosa	ERNA10				***0***	***0***
						0	***0***
						0	***0***
Trees				**3%**	**3%**	***12***	***24***
western juniper	Juniperus occidentalis	JUOC	16	1	2	***6***	***12***
ponderosa pine	Pinus ponderosa	PIPO	16	1	2	***6***	***12***
						0	***0***
Totals				***100%***	***100%***	***468***	***918***

Site Name	SR MOUNTAIN SHALLOW SOUTH 12-16 PZ				
Site Number	010XC054OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.02	0.06	0.09	0.13
	High	0.04	0.11	0.18	0.25

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, to some, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some,
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-20%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability = 3-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained silt loam or clay loam (6 inches thick) Low OM (1-2%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low to moderate ground cover (40-60%) and gentle to steep slopes (12-60%) moderately to slightly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > other grasses > shrubs > forbs > trees
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 900, Normal: 600, Unfavorable: 400 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR MOUNTAIN SHALLOW SOUTH 16-20 PZ**						
Site Number	**010XCO55OR**						
Plant Association	**PSSP6-FEID-POSE/ARTRV**						
Normal Lbs./Ac.	**800**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**78%**	**70%**	***496***	***824***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	50	70	***400***	***560***
Sandberg bluegrass	Poa secunda	POSE	4	5	10	***40***	***80***
Idaho fescue	Festuca idahoensis	FEID	1	2	8	***16***	***64***
needlegrass	Achnatherum	ACHNA	1	2	8	***16***	***64***
prairie Junegrass	Koeleria macrantha	KOMA	4	1	2	***8***	***16***
Other Perennial Grasses	N/A	PPGG	5	2	5	***16***	***40***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
mountain brome	Bromus marginatus	BRMA4				***0***	***0***
blue wildrye	Elymus glaucus	ELGL				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**6%**	**8%**	***40***	***96***
beardtongue	Penstemon	PENST	7	1	2	***8***	***16***
balsamroot	Balsamorhiza	BALSA	7	1	2	***8***	***16***
common yarrow	Achillea millefolium	ACMI2	7	1	2	***8***	***16***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	1	2	***8***	***16***
Other Perennial Forbs	N/A	PPFF	9	1	4	***8***	***32***
stonecrop (Sedum)	Sedum	SEDUM				***0***	***0***
western stoneseed	Lithospermum ruderale	LIRU4				***0***	***0***
phacelia	Phacelia	PHACE				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
fleabane	Erigeron	ERIGE2				***0***	***0***
brodiaea	Brodiaea	BRODI				***0***	***0***
lupine	Lupinus	LUPIN				***0***	***0***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
milkvetch	Astragalus	ASTRA				***0***	***0***
phlox	Phlox	PHLOX				***0***	***0***
deathcamas	Zigadenus	ZIGAD				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**14%**	**20%**	***88***	***232***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	2	8	***16***	***64***
antelope bitterbrush	Purshia tridentata	PUTR2	11	3	5	***24***	***40***
squaw apple	Peraphyllum ramosissimum	PERA4	14	2	5	***16***	***40***
common snowberry	Symphoricarpos albus	SYAL	14	1	3	***8***	***24***
wax currant	Ribes cereum	RICE	14	1	3	***8***	***24***
Other Shrubs	N/A	SSSS	15	2	5	***16***	***40***
Saskatoon serviceberry	Amelanchier alnifolia	AMAL2				***0***	***0***
rabbitbrush	Chrysothamnus	CHRYS9				***0***	***0***
						0	***0***
						0	***0***
Trees				**3%**	**3%**	***16***	***32***
western juniper	Juniperus occidentalis	JUOC	16	1	2	***8***	***16***
ponderosa pine	Pinus ponderosa	PIPO	16	1	2	***8***	***16***
						0	***0***
Totals				***100%***	***100%***	***640***	***1184***

Site Name	SR MOUNTAIN SHALLOW SOUTH 16-20 PZ				
Site Number	010XC055OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.08	0.13	0.18
	High	0.05	0.14	0.23	0.33

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None to some, (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-20%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability = 3-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow welldrained stony loam or clay loam (3-10 inches thick) Low OM (1-2%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (50-60%) and gentle to steep slopes (12-60%) moderately limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Other grasses > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1100, Normal: 800, Unfavorable: 500 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR TERRACE ESCARPMENT 9-12 PZ**						
Site Number	**010XC056OR**						
Plant Association	**HECO26-ACTH7/PUTR2-ARTRT**						
Normal Lbs./Ac.	**800**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**29%**	**36%**	***168***	***392***
needle and thread	Hesperostipa comata	HECO26	1	10	20	***80***	***160***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	1	5	15	***40***	***120***
basin wildrye	Leymus cinereus	LECI4	2	2	5	***16***	***40***
Sandberg bluegrass	Poa secunda	POSE	4	2	5	***16***	***40***
Indian ricegrass	Achnatherum hymenoides	ACHY	2	1	2	***8***	***16***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	1	2	***8***	***16***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**7%**	**10%**	***40***	***104***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	3	5	***24***	***40***
Toano milkvetch	Astragalus toanus	ASTO2	8	1	3	***8***	***24***
Other Perennial Forbs	N/A	PPFF	9	1	5	***8***	***40***
milkvetch	Astragalus	ASTRA				***0***	***0***
phlox	Phlox	PHLOX				***0***	***0***
Douglas' dustymaiden	Chaenactis douglasii	CHDO				***0***	***0***
princesplume	Stanleya	STANL				***0***	***0***
woolly sunflower	Eriophyllum	ERIOP2				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**64%**	**54%**	***376***	***584***
antelope bitterbrush	Purshia tridentata	PUTR2	11	35	45	***280***	***360***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	5	10	***40***	***80***
gray rabbitbrush	Ericameria nauseosa	ERNA10	12	3	8	***24***	***64***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8	12	2	5	***16***	***40***
Other Shrubs	N/A	SSSS	15	2	5	***16***	***40***
spiny hopsage	Grayia spinosa	GRSP				***0***	***0***
squaw apple	Peraphyllum ramosissimum	PERA4				***0***	***0***
horsebrush	Tetradymia	TETRA3				***0***	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***584***	***1080***

Site Name	SR TERRACE ESCARPMENT 9-12 PZ				
Site Number	010XC056OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible		Class	Poor	Fair	Good	Excellent
		Low	0.02	0.07	0.12	0.16
		High	0.04	0.13	0.21	0.30
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None to some, Severe sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None to some.					
3. Number and height of erosional pedestals or terracettes [1.0]	None					
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-35%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow to deep highly eroded loamy to silty soils (8-60 inches thick) Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (10-30%) and gentle to steep slopes (12-80%) slightly limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Antelope Bitterbrush > Needle and Threadgrass > Thurber's Needlegrass > other shrubs > other grasses > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1000, Normal: 800, Unfavorable: 500 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

Site Name	**SR GREASEBRUSH-MAHOGANY ROCKLAND 9-12 PZ**						
Site Number	**010XC058OR**						
Plant Association	**PSSP6/CELE3-GLSP**						
Normal Lbs./Ac.	**600**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**27%**	**29%**	***144***	***252***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	15	25	***90***	***150***
Sandberg bluegrass	Poa secunda	POSE	3	5	10	***30***	***60***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	3	5	***18***	***30***
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	1	2	***6***	***12***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**5%**	**6%**	***24***	***54***
Toano milkvetch	Astragalus toanus	ASTO2	7	1	2	***6***	***12***
cliff beardtongue	Penstemon rupicola	PERU	7	1	2	***6***	***12***
common yarrow	Achillea millefolium	ACMI2	7	1	2	***6***	***12***
Other Perennial Forbs	N/A	PPFF	9	1	3	***6***	***18***
phacelia	Phacelia	PHACE				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
fleabane	Erigeron	ERIGE2				***0***	***0***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
larkspur	Delphinium	DELPH				***0***	***0***
phlox	Phlox	PHLOX				***0***	***0***
pussytoes	Antennaria	ANTEN				***0***	***0***
lupine	Lupinus	LUPIN				***0***	***0***
stonecrop (Sedum)	Sedum	SEDUM				***0***	***0***
buckwheat (Eriog.)	Eriogonum	ERIOG				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**68%**	**65%**	***360***	***564***
curl-leaf mountain mahogany	Cercocarpus ledifolius	CELE3	13	35	45	***210***	***270***
spiny greasebush	Glossopetalon spinescens	GLSP	13	10	20	***60***	***120***
antelope bitterbrush	Purshia tridentata	PUTR2	11	10	20	***60***	***120***
spiny hopsage	Grayia spinosa	GRSP	14	3	5	***18***	***30***
gray rabbitbrush	Ericameria nauseosa	ERNA10	12	1	2	***6***	***12***
Other Shrubs	N/A	SSSS	15	1	2	***6***	***12***
hackberry	Celtis	CELTI				***0***	***0***
Saskatoon serviceberry	Amelanchier alnifolia	AMAL2				***0***	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***528***	***870***

Site Name	SR GREASEBRUSH-MAHOGANY ROCKLAND 9-12 PZ				
Site Number	010XC058OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.02	0.06	0.10	0.15
	High	0.03	0.10	0.17	0.24

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-30%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, xxx wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very shallow well drained loam to extremely channery loam, Low OM (1-2%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (20-40%) and moderate to steep slopes (30-80%) slightly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Curlleaf Mountain Mahogany > other shrubs > Bluebunch Wheatgrass > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 900, Normal: 600, Unfavorable: 300 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR MAHOGANY ROCKLAND 12+ PZ**						
Site Number	**010XC059OR**						
Plant Association	**PSSP6-FEID/CELE3-PUTR2/JUOC**						
Normal Lbs./Ac.	**900**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**38%**	**35%**	***279***	***504***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	20	30	***180***	***270***
Idaho fescue	Festuca idahoensis	FEID	1	3	10	***27***	***90***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	2	5	***18***	***45***
Sandberg bluegrass	Poa secunda	POSE	4	1	2	***9***	***18***
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	1	2	***9***	***18***
prairie Junegrass	Koeleria macrantha	KOMA	4	1	2	***9***	***18***
western needlegrass	Achnatherum occidentale	ACOC3	2	1	2	***9***	***18***
Other Perennial Grasses	N/A	PPGG	5	2	3	***18***	***27***
needlegrass	Achnatherum	ACHNA				***0***	***0***
elk sedge	Carex garberi	CAGA3				***0***	***0***
pinegrass	Calamagrostis rubescens	CARU				***0***	***0***
Cusick's bluegrass	Poa cusickii	POCU3				***0***	***0***
mountain brome	Bromus marginatus	BRMA4				***0***	***0***
Forbs				**9%**	**8%**	***63***	***117***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	2	4	***18***	***36***
groundsel	Senecio	SENEC	8	1	2	***9***	***18***
buckwheat (Eriog.)	Eriogonum	ERIOG	8	1	2	***9***	***18***
phlox	Phlox	PHLOX	8	1	2	***9***	***18***
Other Perennial Forbs	N/A	PPFF	9	2	3	***18***	***27***
cinquefoil	Potentilla	POTEN				***0***	***0***
heartleaf arnica	Arnica cordifolia	ARCO9				***0***	***0***
phacelia	Phacelia	PHACE				***0***	***0***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
buttercup	Ranunculus	RANUN				***0***	***0***
woodland-star	Lithophragma	LITHO2				***0***	***0***
waterleaf	Hydrophyllum	HYDRO4				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**51%**	**51%**	***378***	***738***
curl-leaf mountain mahogany	Cercocarpus ledifolius	CELE3	13	30	50	***270***	***450***
antelope bitterbrush	Purshia tridentata	PUTR2	11	5	15	***45***	***135***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	12	2	5	***18***	***45***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	3	***9***	***27***
wax currant	Ribes cereum	RICE	14	1	2	***9***	***18***
common snowberry	Symphoricarpos albus	SYAL	14	1	2	***9***	***18***
Other Shrubs	N/A	SSSS	15	2	5	***18***	***45***
gray rabbitbrush	Ericameria nauseosa	ERNA10				***0***	***0***
squaw apple	Peraphyllum ramosissimum	PERA4				***0***	***0***
rose	Rosa	ROSA5				***0***	***0***
Trees				**2%**	**6%**	***18***	***90***
western juniper	Juniperus occidentalis	JUOC	16	2	8	***18***	***72***
ponderosa pine	Pinus ponderosa	PIPO	17	0	1	***0***	***9***
Douglas-fir	Pseudotsuga menziesii	PSME	17	0	1	***0***	***9***
Totals				***100%***	***100%***	***738***	***1449***

Site Name	SR MAHOGANY ROCKLAND 12+ PZ				
Site Number	010XC059OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.09	0.15	0.20
	High	0.06	0.17	0.29	0.40

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	10-25%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability = 3-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow to moderately deep well drained extremely stony loam, very stony clay loam, or very shaly loam (3-7 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low to moderate ground cover (40-60%) and gentle to steep slopes (12-60%) slightly to moderately limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Curlleaf Mountain Mahogany > Bluebunch Wheatgrass > other shrubs > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1300, Normal: 900, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR NORTH 9-12 PZ**						
Site Number	**010XCO64OR**						
Plant Association	**FEID-PSSP6/ARTRV**						
Normal Lbs./Ac.	**1100**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**87%**	**81%**	***759***	***1155***
Idaho fescue	Festuca idahoensis	FEID	1	50	70	***550***	***770***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	15	25	***165***	***275***
basin wildrye	Leymus cinereus	LECI4	2	2	5	***22***	***55***
Sandberg bluegrass	Poa secunda	POSE	4	1	3	***11***	***33***
Other Perennial Grasses	N/A	PPGG	5	1	2	***11***	***22***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7				***0***	***0***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**5%**	**8%**	***44***	***121***
lupine	Lupinus	LUPIN	7	1	2	***11***	***22***
common yarrow	Achillea millefolium	ACMI2	7	1	2	***11***	***22***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	1	2	***11***	***22***
Other Perennial Forbs	N/A	PPFF	9	1	5	***11***	***55***
phlox	Phlox	PHLOX				***0***	***0***
milkvetch	Astragalus	ASTRA				***0***	***0***
agoseris	Agoseris	AGOSE				***0***	***0***
pussytoes	Antennaria	ANTEN				***0***	***0***
buckwheat (Eriog.)	Eriogonum	ERIOG				***0***	***0***
Indian paintbrush	Castilleja	CASTI2				***0***	***0***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
goldenrod	Solidago	SOLID				***0***	***0***
hawksbeard	Crepis	CREPI				***0***	***0***
brodiaea	Brodiaea	BRODI				***0***	***0***
groundsel	Senecio	SENEC				***0***	***0***
blue eyed Mary	Collinsia	COLLI				***0***	***0***
hymenopappus	Hymenopappus	HYMEN4				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**8%**	**11%**	***66***	***154***
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	2	5	***22***	***55***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	3	***11***	***33***
squaw apple	Peraphyllum ramosissimum	PERA4	14	1	2	***11***	***22***
antelope bitterbrush	Purshia tridentata	PUTR2	12	1	2	***11***	***22***
rabbitbrush	Chrysothamnus	CHRYS9	12	1	2	***11***	***22***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***869***	***1430***

Site Name	SR NORTH 9-12 PZ				
Site Number	010XC064OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.10	0.17	0.24
	High	0.06	0.17	0.28	0.40

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	Noneto some, Severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	0-5%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Slightly to significantly resistant to erosion: aggregate stability = 2-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep well drained silt loam, channery loam very sandy loam, or clay loam (5-20 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (80-90%) and gentle to steep slopes (12-70%) moderately to significantly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Bluebunch Wheatgrass > Shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1700, Normal: 1100, Unfavorable: 800 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR MOUNTAIN NORTH 9-12 PZ						
Site Number	010XC065OR						
Plant Association	FEID-PSSP6-POSE/ARTRW						
Normal Lbs./Ac.	1100						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				89%	81%	847	1111
Idaho fescue	Festuca idahoensis	FEID	1	70	80	770	880
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	2	8	22	88
Sandberg bluegrass	Poa secunda	POSE	4	3	8	33	88
Other Perennial Grasses	N/A	PPGG	5	2	5	22	55
basin wildrye	Leymus cinereus	LECI4				0	0
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
needlegrass	Achnatherum	ACHNA				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Forbs				5%	9%	44	121
lupine	Lupinus	LUPIN	7	1	2	11	22
milkvetch	Astragalus	ASTRA	7	1	2	11	22
buckwheat (Eriog.)	Eriogonum	ERIOG	7	1	2	11	22
Other Perennial Forbs	N/A	PPFF	9	1	5	11	55
phlox	Phlox	PHLOX				0	0
lomatium (gen.)	Lomatium	LOMAT				0	0
Indian paintbrush	Castilleja	CASTI2				0	0
buttercup	Ranunculus	RANUN				0	0
wild onion	Allium	ALLIU				0	0
fleabane	Erigeron	ERIGE2				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Shrubs				7%	10%	66	132
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	3	5	33	55
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	2	11	22
Other Shrubs	N/A	SSSS	15	2	5	22	55
gray rabbitbrush	Ericameria nauseosa	ERNA10				0	0
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0
horsebrush	Tetradymia	TETRA3				0	0
threetip sagebrush	Artemisia tripartita	ARTR4				0	0
						0	0
						0	0
						0	0
Trees				0%	0%	0	0
						0	0
						0	0
						0	0
Totals				100%	100%	957	1364

Site Name	SR MOUNTAIN NORTH 9-12 PZ				
Site Number	010XC065OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.04	0.11	0.19	0.26
	High	0.05	0.16	0.27	0.38

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	0-5%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Slightly to significantly resistant to erosion: aggregate stability = 2-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep well drained loam, silt loam, or gravelly silty clay loam (12-22 inches thick) Moderate OM (3-5%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70-80%) and gentle to steep slopes (12-80%) moderately to significantly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > other grasses > shrubs > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1600, Normal: 1100, Unfavorable: 800 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR SHRUBBY MOUNTAIN NORTH 16-20 PZ**						
Site Number	**010XCO67OR**						
Plant Association	**FEID/AMAL2-ARTRV**						
Normal Lbs./Ac.	**1800**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**67%**	**55%**	***1008***	***1638***
Idaho fescue	Festuca idahoensis	FEID	1	40	50	***720***	***900***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	15	***90***	***270***
needlegrass	Achnatherum	ACHNA	2	5	10	***90***	***180***
sedge	Carex	CAREX	2	3	8	***54***	***144***
prairie Junegrass	Koeleria macrantha	KOMA	4	1	3	***18***	***54***
Other Perennial Grasses	N/A	PPGG	5	2	5	***36***	***90***
blue wildrye	Elymus glaucus	ELGL				***0***	***0***
bluegrass	Poa	POA				***0***	***0***
mountain brome	Bromus marginatus	BRMA4				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**7%**	**10%**	***108***	***288***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	2	5	***36***	***90***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	8	1	2	***18***	***36***
lomatium (gen.)	Lomatium	LOMAT	8	1	2	***18***	***36***
common yarrow	Achillea millefolium	ACMI2	8	1	2	***18***	***36***
Other Perennial Forbs	N/A	PPFF	9	1	5	***18***	***90***
phlox	Phlox	PHLOX				***0***	***0***
bluebells	Mertensia	MERTE				***0***	***0***
Indian paintbrush	Castilleja	CASTI2				***0***	***0***
agoseris	Agoseris	AGOSE				***0***	***0***
groundsel	Senecio	SENEC				***0***	***0***
alumroot	Heuchera	HEUCH				***0***	***0***
purslane	Portulaca	PORTU				***0***	***0***
groundsel	Senecio	SENEC				***0***	***0***
lupine	Lupinus	LUPIN				***0***	***0***
western stoneseed	Lithospermum ruderale	LIRU4				***0***	***0***
shootingstar	Dodecatheon	DODEC				***0***	***0***
Scouler's woollyweed	Hieracium scouleri	HISC2				***0***	***0***
						0	***0***
						0	***0***
Shrubs				**25%**	**33%**	***378***	***990***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	10	***90***	***180***
Saskatoon serviceberry	Amelanchier alnifolia	AMAL2	13	3	8	***54***	***144***
chokecherry	Prunus virginiana	PRVI	13	3	8	***54***	***144***
antelope bitterbrush	Purshia tridentata	PUTR2	12	2	8	***36***	***144***
wax currant	Ribes cereum	RICE	14	2	5	***36***	***90***
common snowberry	Symphoricarpos albus	SYAL	14	2	4	***36***	***72***
bitter cherry	Prunus emarginata	PREM	14	1	5	***18***	***90***
rose	Rosa	ROSA5	14	1	3	***18***	***54***
Other Shrubs	N/A	SSSS	15	2	4	***36***	***72***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
squaw apple	Peraphyllum ramosissimum	PERA4				***0***	***0***
Trees				**1%**	**2%**	***18***	***54***
ponderosa pine	Pinus ponderosa	PIPO	16	1	2	***18***	***36***
Douglas-fir	Pseudotsuga menziesii	PSME	17	0	1	***0***	***18***
						0	***0***
Totals				***100%***	***100%***	***1512***	***2970***

Site Name	SR SHRUBBY MOUNTAIN NORTH 16-20 PZ				
Site Number	010XC067OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.06	0.18	0.30	0.42
	High	0.12	0.35	0.59	0.82

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	0-5%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep well drained loams (25 inches thick) Moderate OM (3-5%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (80-90%) and gentle to steep slopes (12-60%) moderately to significantly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > shrubs > other grasses > forbs > trees
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-35% (<0.75")
15. Expected annual production (total above-ground) [1.0]	Favorable: 2200, Normal: 1800, Unfavorable: 1400 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR MOUNTAIN NORTH 12-16 PZ**						
Site Number	**010XC066OR**						
Plant Association	**FEID/ARTRV**						
Normal Lbs./Ac.	**1600**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**63%**	**45%**	***880***	***1360***
Idaho fescue	Festuca idahoensis	FEID	1	50	70	***800***	***1120***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	2	8	***32***	***128***
basin wildrye	Leymus cinereus	LECI4	2	1	2	***16***	***32***
Other Perennial Grasses	N/A	PPGG	5	2	5	***32***	***80***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
Sandberg bluegrass	Poa secunda	POSE				***0***	***0***
prairie Junegrass	Koeleria macrantha	KOMA				***0***	***0***
needlegrass	Achnatherum	ACHNA				***0***	***0***
Cusick's bluegrass	Poa cusickii	POCU3				***0***	***0***
threadleaf sedge	Carex filifolia	CAFI				***0***	***0***
						0	***0***
Forbs				**26%**	**39%**	***368***	***1168***
lupine	Lupinus	LUPIN	7	1	2	***16***	***32***
common yarrow	Achillea millefolium	ACMI2	7	1	2	***16***	***32***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	1	2	***16***	***32***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	1	2	***16***	***32***
Other Perennial Forbs	N/A	PPFF	9	1	5	***16***	***80***
phlox	Phlox	PHLOX				***0***	***0***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
Indian paintbrush	Castilleja	CASTI2				***0***	***0***
bluebells	Mertensia	MERTE				***0***	***0***
wild onion	Allium	ALLIU				***0***	***0***
fleabane	Erigeron	ERIGE2				***0***	***0***
pussytoes	Antennaria	ANTEN				***0***	***0***
brodiaea	Brodiaea	BRODI				***0***	***0***
bushy bird's beak	Cordylanthus ramosus	CORA5				***0***	***0***
larkspur	Delphinium	DELPH				***0***	***0***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
agoseris	Agoseris	AGOSE				***0***	***0***
groundsel	Senecio	SENEC				***0***	***0***
Shrubs				**10%**	**16%**	***144***	***480***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	2	6	***32***	***96***
squaw apple	Peraphyllum ramosissimum	PERA4	14	1	5	***16***	***80***
antelope bitterbrush	Purshia tridentata	PUTR2	12	1	5	***16***	***80***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	2	***16***	***32***
wax currant	Ribes cereum	RICE	14	1	2	***16***	***32***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8	12	1	2	***16***	***32***
Other Shrubs	N/A	SSSS	15	2	8	***32***	***128***
gray rabbitbrush	Ericameria nauseosa	ERNA10				***0***	***0***
common snowberry	Symphoricarpos albus	SYAL				***0***	***0***
rose	Rosa	ROSA5				***0***	***0***
Saskatoon serviceberry	Amelanchier alnifolia	AMAL2				***0***	***0***
shrubby buckwheat	Eriogonum microthecum	ERMI4				***0***	***0***
chokecherry	Prunus virginiana	PRVI				***0***	***0***
horsebrush	Tetradymia	TETRA3				***0***	***0***
threetip sagebrush	Artemisia tripartita	ARTR4				***0***	***0***
Trees				**0%**	**1%**	***0***	***16***
ponderosa pine	Pinus ponderosa	PIPO	16	0	1	***0***	***16***
Totals				***100%***	***100%***	***1392***	***3024***

Site Name	SR MOUNTAIN NORTH 12-16 PZ				
Site Number	010XC066OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.06	0.17	0.28	0.39
	High	0.12	0.36	0.60	0.84

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	0-5%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Significantly resistant to erosion: aggregate stability = 5-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep well drained clay loam or clays (10-20 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (80-90%) and gentle to steep slopes (12-80%) moderately to significnatly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > shrubs > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-35% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 2200, Normal: 1600, Unfavorable: 1000 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR MOUNTAIN SHALLOW NORTH 12-16 PZ**						
Site Number	**010XC075OR**						
Plant Association	**FEID-PSSP6-POSE/ARTRV**						
Normal Lbs./Ac.	**900**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**85%**	**79%**	***621***	***972***
Idaho fescue	Festuca idahoensis	FEID	1	60	80	***540***	***720***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	15	***45***	***135***
Sandberg bluegrass	Poa secunda	POSE	4	2	8	***18***	***72***
Other Perennial Grasses	N/A	PPGG	5	2	5	***18***	***45***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
prairie Junegrass	Koeleria macrantha	KOMA				***0***	***0***
needlegrass	Achnatherum	ACHNA				***0***	***0***
threadleaf sedge	Carex filifolia	CAFI				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**6%**	**9%**	***45***	***117***
lomatium (gen.)	Lomatium	LOMAT	7	1	2	***9***	***18***
lupine	Lupinus	LUPIN	7	1	2	***9***	***18***
common yarrow	Achillea millefolium	ACMI2	7	1	2	***9***	***18***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	1	2	***9***	***18***
Other Perennial Forbs	N/A	PPFF	9	1	5	***9***	***45***
phlox	Phlox	PHLOX				***0***	***0***
fleabane	Erigeron	ERIGE2				***0***	***0***
pussytoes	Antennaria	ANTEN				***0***	***0***
larkspur	Delphinium	DELPH				***0***	***0***
tapertip hawksbeard	Crepis acuminata	CRAC2				***0***	***0***
agoseris	Agoseris	AGOSE				***0***	***0***
buckwheat (Eriog.)	Eriogonum	ERIOG				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**9%**	**12%**	***63***	***144***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	10	***45***	***90***
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	1	2	***9***	***18***
Other Shrubs	N/A	SSSS	15	1	4	***9***	***36***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
wax currant	Ribes cereum	RICE				***0***	***0***
squaw apple	Peraphyllum ramosissimum	PERA4				***0***	***0***
antelope bitterbrush	Purshia tridentata	PUTR2				***0***	***0***
horsebrush	Tetradymia	TETRA3				***0***	***0***
threetip sagebrush	Artemisia tripartita	ARTR4				***0***	***0***
						0	***0***
Trees				**0%**	**0%**	***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Totals				***100%***	***100%***	***729***	***1233***

Site Name	SR MOUNTAIN SHALLOW NORTH 12-16 PZ				
Site Number	010XC075OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.09	0.14	0.20
	High	0.05	0.15	0.24	0.34

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None to some
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few (some frost heaving)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	0-10%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained very stony loam (6 inches thick) Moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70-80%) and gentle to steep slopes (12-60%) Moderately to significantly limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Bluebunch Wheatgrass > Mountain Big Sagebrush > other grasses > forbs > other shrubs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1200, Normal: 900, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	SR MAHOGANY MOUNTAIN LOAM 14-18 PZ						
Site Number	010XC080OR						
Plant Association	FEID-PSSP6/CELE3-PUTR2/PIPO						
Normal Lbs./Ac.	1200						
Range of composition and weight of species in HCPC with normal production:				% Comp. by Wt.		Lbs./Acre	
Common Name	Scientific Name	Symbol	Group	Low	High	Low	High
Grasses & Grass-like Plants				45%	45%	420	804
Idaho fescue	Festuca idahoensis	FEID	1	20	30	240	360
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	10	20	120	240
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	1	3	12	36
Sandberg bluegrass	Poa secunda	POSE	4	1	3	12	36
sedge	Carex	CAREX	2	1	3	12	36
Other Perennial Grasses	N/A	PPGG	5	2	8	24	96
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
prairie Junegrass	Koeleria macrantha	KOMA				0	0
bluegrass	Poa	POA				0	0
basin wildrye	Leymus cinereus	LECI4				0	0
						0	0
						0	0
Forbs				5%	7%	48	120
buckwheat (Eriog.)	Eriogonum	ERIOG	7	1	3	12	36
lupine	Lupinus	LUPIN	8	1	2	12	24
groundsel	Senecio	SENEC	8	1	2	12	24
Other Perennial Forbs	N/A	PPFF	9	1	3	12	36
phlox	Phlox	PHLOX				0	0
fleabane	Erigeron	ERIGE2				0	0
pussytoes	Antennaria	ANTEN				0	0
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3				0	0
lomatium (gen.)	Lomatium	LOMAT				0	0
Indian paintbrush	Castilleja	CASTI2				0	0
bushy bird's beak	Cordylanthus ramosus	CORA5				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
largehead clover	Trifolium macrocephalum	TRMA3				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
Shrubs				45%	42%	420	744
curl-leaf mountain mahogany	Cercocarpus ledifolius	CELE3	11	20	30	240	360
antelope bitterbrush	Purshia tridentata	PUTR2	12	10	20	120	240
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	12	3	8	36	96
wax currant	Ribes cereum	RICE	14	1	2	12	24
Other Shrubs	N/A	SSSS	15	1	2	12	24
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0
						0	0
						0	0
						0	0
						0	0
Trees				5%	7%	48	120
ponderosa pine	Pinus ponderosa	PIPO	16	3	8	36	96
western juniper	Juniperus occidentalis	JUOC	16	1	2	12	24
						0	0
Totals				100%	100%	936	1788

Site Name	SR MAHOGANY MOUNTAIN LOAM 14-18 PZ				
Site Number	010XC080OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.04	0.11	0.19	0.26
	High	0.07	0.21	0.35	0.50

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None to some terracettes (convection storms)
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	5-15%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep well drained loam (10 inches thick) Moderate OM (%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (60-70%) and gentle slopes (2-20%) effectively limit rainfall impact and overland flow
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue = Curlleaf Mountain Mahogany > Bluebunch Wheatgrass = Antelope Bitterbrush > other shrubs > other grasses > forbs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	10-30% (<0.5")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1500, Normal: 1200, Unfavorable: 1000 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually

Site Name	**SR DRY PINE 14-16 PZ**						
Site Number	**010XC082OR**						
Plant Association	**FEID-PSSP6/PIPO-JUOC**						
Normal Lbs./Ac.	**900**						
Range of composition and weight of species in HCPC with normal production:				**% Comp. by Wt.**		**Lbs./Acre**	
Common Name	**Scientific Name**	**Symbol**	**Group**	**Low**	**High**	**Low**	**High**
Grasses & Grass-like Plants				**71%**	**75%**	***306***	***1107***
Idaho fescue	Festuca idahoensis	FEID	1	10	60	***90***	***540***
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	20	50	***180***	***450***
Sandberg bluegrass	Poa secunda	POSE	4	2	5	***18***	***45***
Other Perennial Grasses	N/A	PPGG	5	2	8	***18***	***72***
prairie Junegrass	Koeleria macrantha	KOMA				***0***	***0***
bluegrass	Poa	POA				***0***	***0***
bottlebrush squirreltail	Elymus elymoides	ELEL5				***0***	***0***
Thurber's needlegrass	Achnatherum thurberianum	ACTH7				***0***	***0***
basin wildrye	Leymus cinereus	LECI4				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
Forbs				**8%**	**6%**	***36***	***81***
buckwheat (Eriog.)	Eriogonum	ERIOG	7	1	2	***9***	***18***
phlox	Phlox	PHLOX	7	1	2	***9***	***18***
lupine	Lupinus	LUPIN	7	1	2	***9***	***18***
Other Perennial Forbs	N/A	PPFF	9	1	3	***9***	***27***
largehead clover	Trifolium macrocephalum	TRMA3				***0***	***0***
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3				***0***	***0***
fleabane	Erigeron	ERIGE2				***0***	***0***
lomatium (gen.)	Lomatium	LOMAT				***0***	***0***
common yarrow	Achillea millefolium	ACMI2				***0***	***0***
Indian paintbrush	Castilleja	CASTI2				***0***	***0***
pussytoes	Antennaria	ANTEN				***0***	***0***
bushy bird's beak	Cordylanthus ramosus	CORA5				***0***	***0***
groundsel	Senecio	SENEC				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Shrubs				**17%**	**13%**	***72***	***189***
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	3	8	***27***	***72***
antelope bitterbrush	Purshia tridentata	PUTR2	11	3	8	***27***	***72***
Other Shrubs	N/A	SSSS	15	2	5	***18***	***45***
curl-leaf mountain mahogany	Cercocarpus ledifolius	CELE3				***0***	***0***
wax currant	Ribes cereum	RICE				***0***	***0***
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				***0***	***0***
						0	***0***
						0	***0***
						0	***0***
						0	***0***
Trees				**4%**	**6%**	***18***	***90***
ponderosa pine	Pinus ponderosa	PIPO	16	1	5	***9***	***45***
western juniper	Juniperus occidentalis	JUOC	16	1	5	***9***	***45***
						0	***0***
Totals				***100%***	***100%***	***432***	***1467***

Site Name	SR DRY PINE 14-16 PZ				
Site Number	010XC082OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.02	0.05	0.09	0.12
	High	0.06	0.17	0.29	0.41

Rangeland Health Indicator [wt]	Potential for this Site
1. Number and extent of rills [1.0]	None, moderate sheet & rill erosion hazard
2. Presence of water flow patterns [1.0]	None
3. Number and height of erosional pedestals or terracettes [1.0]	None
4. Bare ground (rock, litter, lichen, moss, plant canopy are *not* bare ground) [1.0]	0-10%
5. Number of gullies and erosion associated with gullies [1.0]	None
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, moderate wind erosion hazard
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement
8. Soil surface resistance to erosion (average stability values) [1.0]	Significantly resistant to erosion: aggregate stability = 4-6
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep, well drained loams and clay loams about 8" thick: moderate OM (2-4%)
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70-80%) and gentle slopes (2-12%) effectively limit rainfall impact and overland flow. Up to 15% canopy cover with ponderosa pine and mountain mahogany.
11. Presence and thickness of compaction layer [1.0]	None
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho fescue > bluebunch wheatgrass > mountain big sagebrush = antelope bitterbrush > other grasses > trees > forbs > other shrubs
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected
14. Average percent litter cover and depth (inches) [1.0]	20-50% (2.0")
15. Expected annual production (total above-ground) [1.0]	Favorable: 1200, Normal: 900, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually