





RANGE SITE NAME: ..... SILTY  
 RANGE SITE NUMBER: ..... 062XY010SD

PERCENT COVER:

GROUND COVER AND STRUCTURE:

	% CANOPY COVER (VERTICAL VIEW)	AVERAGE HEIGHT (FT)	% BASAL AREA COVER
GRASSES AND GRASSLIKES	80	3.00	65
FORBS	10	1.50	5
CRYPTOGAMS	0	0.00	0
SHRUBS	3	3.00	1
TREES	0	0.00	0

PLANT COMMUNITY COMPOSITION AND PRODUCTION:

Herbaceous

Grasses and grasslikes

National Symbol	Common Name	Grp	% Composition by weight	Group % Allowable
ANGE	BIGBLUESTEM	1	0 to 0	10 to 20
PAVI2	SWITCHGRASS	1	0 to 0	10 to 20
SONU2	INDIANGRASS	1	0 to 0	10 to 20
SCSC	LITTLE BLUESTEMS	2	0 to 0	10 to 25
BOCU	SIDEOATS GRAMA	2	0 to 0	10 to 25
FEID	IDAHO FESCUE	0	0 to 5	0 to 0
POA++	BLUEGRASSES	0	0 to 15	0 to 0
STCO3	COLUMBIA NEEDLEGRASS	3	0 to 0	10 to 20
STRI2	RICHARDSEN NEEDLEGRASS	3	0 to 0	10 to 20
STVI4	GREEN NEEDLEGRASS	3	0 to 0	10 to 20
AGSU	BEARDED WHEATGRASS	4	0 to 0	20 to 30
AGTR	SLENDER WHEATGRASS	4	0 to 0	20 to 30
AGSM	WESTERN WHEATGRASS	4	0 to 0	20 to 30
ELCA4	CANADA WILDRYE	5	0 to 0	0 to 10

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Grasses and grasslike continued

National Symbol	Common Name	Grp	% Composition by weight	Group % Allowable
ELIN4	FUZZYSPIKE WILDRYE	5	0 to 0	0 to 10
ELVI3	VIRGINIA WILDRYE	5	0 to 0	0 to 10
BRPO2	NODDING BROME	6	0 to 0	0 to 5
BRCA5	MOUNTAIN BROME	6	0 to 0	0 to 5
BRPU3	PUMPELLY BROME	6	0 to 0	0 to 5
STCO4	NEEDLEANDTHREAD	0	5 to 15	0 to 0
SPHE	PRAIRIE DROPSEED	7	0 to 0	0 to 10
SPAS	TALL DROPSEED	7	0 to 0	0 to 10
KOPY	PRAIRIE JUNEGRASS	0	0 to 10	0 to 0
BOGR2	BLUE GRAMA	8	0 to 0	0 to 10
BOHI2	HAIRY GRAMA	8	0 to 0	0 to 10
CAREX	SEDGES	0	0 to 5	0 to 0
MURA	GREEN MUHLY	9	0 to 0	0 to 10
MUCU3	PLAINS MUHLY	9	0 to 0	0 to 10

Forbs

National Symbol	Common Name	Grp	% Composition by weight	Group % Allowable
ARLU	CUDWEED SAGEWORT	1	0 to 0	0 to 10
ARFR4	FRINGED SAGEWORT	1	0 to 0	0 to 10
ARCA12	GREEN SAGEWORT	1	0 to 0	0 to 10
SOMI2	MISSOURI GOLDENROD	1	0 to 0	0 to 10
SORI2	STIFF GOLDENROD	1	0 to 0	0 to 10
ASER3	HEATH ASTER	1	0 to 0	0 to 10
RACO3	PRAIRIE CONEFLOWER	1	0 to 0	0 to 10
ACMI2	WESTERN YARROW	1	0 to 0	0 to 10
PSES	BREADROOT SCURFPEA	1	0 to 0	0 to 10
PSAR3	SILVERLEAF SCURFPEA	1	0 to 0	0 to 10
PSTE3	SLIMFLOWER SCURFPEA	1	0 to 0	0 to 10
DAPU5	PURPLE PRAIRIECLOVER	1	0 to 0	0 to 10

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Shrubs

National Symbol	Common Name	Grp	% Composition by weight	Group % Allowable
AMCA6	LEADPLANT	1	0 to 0	0 to 5

Production

Grasses and grasslikes: 85 to 100 % of total  
 Forbs: 0 to 10 % of total  
 Shrubs: 0 to 5 % of total  
 Trees: 0 to 0 % of total  
 Lichen community: 0.00 lbs/acre (NOT ANNUAL PRODUCTION)  
 Moss community: 0.00 lbs/acre

Cover

Lichen community: 0 % cover  
 Moss community: 0 % cover

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\* PLANT GROWTH CURVES

ID	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NUMBER: SD0001	0	0	5	15	30	25	5	5	10	5	0	0
NAME: 100% COOL SEASON SPECIES												
DESC: 100% OF PRODUCTION PROVIDED BY COOL SEASON SPECIES												
NUMBER: SD0002	0	0	5	15	25	20	15	10	7	3	0	0
NAME: 75% COOL, 25% WARM												
DESC: 75% OF PRODUCTION FROM COOL SEASON PLANTS, 25% FROM WARM SEASON PLANT												
NUMBER: SD0003	0	0	5	15	20	20	20	10	7	3	0	0
NAME: 50% WARM, 50% COOL SEASON												
DESC: 50 % OF PRODUCTION FROM COOL SEASON PLANTS, 50% FROM WARM SEASON												
NUMBER: SD0004	0	0	5	5	15	25	30	10	7	3	0	0
NAME: 75% WARM, 25% COOL SEASON												
DESC: 75% OF FORAGE PRODUCED BY WARM SEASON PLANTS, 25% FROM COOL SEASON												
NUMBER: SD0005	0	0	0	0	10	35	30	20	5	0	0	0
NAME: 100% WARM SEASON PLANTS												
DESC: 100% OF PRODUCTION IS FROM WARM SEASON PLANTS												

\* TOTAL ANNUAL PRODUCTION (EXCELLENT CONDITION)

FAVORABLE 2800 TO 3100 lbs/acre

AVERAGE 2400 TO 2700 lbs/acre

UNFAVORABLE 1900 TO 2300 lbs/acre

LIVESTOCK DATA

\* ESTIMATED STOCKING RATE

EXCELLENT 0 TO 0 AC/AU OR 0.7100 TO 1.0000 AUM/AC

GOOD 0 TO 0 AC/AU OR 0.5100 TO 0.7000 AUM/AC

FAIR 0 TO 0 AC/AU OR 0.3100 TO 0.5000 AUM/AC

POOR 0 TO 0 AC/AU OR 0.1000 TO 0.3000 AUM/AC

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\* WILDLIFE SPECIES LIST:

WHITE-TAILED DEER	MULE DEER
ELK	
ANTELOPE	PRAIRIE DOGS
SHARP TAILED GROUSE	
	COYOTES
RED AND GRAY FOX	BOBCATS
GOLDEN EAGLES	RED-TAILED HAWK

\* RANGE SITE DEGRADATION:

WITH CONTINUED OVERUSE THE BLUESTEM AND NEEDLEGRASSES WILL BE THE FIRST SPECIES TO LOOSE VIGOR AND DECLINE IN DENSITY. INITIALLY SIDEOATS GRAMA AND THE WHEATGRASSES WILL INCREASE. IF OVERUSE CONTINUES SHORT GRASSES SUCH AS BLUE GRAMA AND/OR BLUEGRASSES ALONG WITH SEDGES SUCH AS THREADLEAF SEDGE WILL DOMINATE THE SITE. ANNUAL FORBS AND GRASSES WILL ALSO INCREASE IN ABUNDANCE. OVERALL, FORAGE PRODUCTION WILL DECLINE AS WILL WILDLIFE HABITAT VALUES.

\* TYPICAL LOCATION:

TO BE ENTERED LOCALLY.

