G(W) MANAGEMENT Condition and Trend

SUMMARY OF TRANSECT CLUSTER AND CURRENT RANGE CONDITION AND TREND RATI

6 1)										
Jalm	on		Copper a	1	Sec. 24	C-9	7-	1=2	33	
I	forest		Ranger Distri	ct	Cl	uster Na	ne and	Transec	t No.	
nol. I	into		Shatca	ol	Dunght	Smith 7	normana	8	8-3-5	
Her	IInit		Allotment	the .	Eva	miner	rcormo	Dat	ie v	
nerd	I OHIO		ATTOOLETIC		LAG	MILLIOX		Date		
	and the		COMPOSITI	ON						
		Av.% of			Av.% of				Av.%	
		Total	at an and		Total			-	Total	
	Av.No.	Plant		Av.No.	Plant			Av.No.	Plant	
DESIRABLE*	Hits	Density	INTERMEDIATE*	Hits	Density	UNDESI	RABLE*	Hits Densit		
agsp	-/	10	EVIZ	1	10	Ama	2	./	_ 6.	
Feid	133	3	Phaz	07	6				The state	
Para	417	4.5	Latz	-7	6		7			
0939	122	3	Arir		10	1				
		NO NO DO		1-345.20						
		C. T. C. S. S.		THE MARTIN	AND STOLEN			C. C. C. C.		
and the second			C. N. S. S. T.	1.03	and the second			12120	2000	
a Part The	New States								12 - 27 - 2- 2	
								- 27		
Total	63	61	Total	3.3	32	Total		.'/		
CLUSTER SUM	MARY	Transec	ts		V	IGOR MEAS	BUREMEN	ITS		
	10 .	1 2	3 Average	Specie	S	1 2	1 11/7	Av	erage	
D	(Symbo	$1)^{\frac{1}{2}}$	3 Average	Specie Ags	s 14.	3 14.5	14.6	Av	erage	
Bare soil	(Symbo	$1)\frac{1}{\frac{1}{\frac{1}{\frac{1}{\frac{1}{\frac{1}{\frac{1}{1$	3 Average	Specie Ags PuTr	2.7.	1 2 3 14,5 5 3.4	14.6	Av //	erage 4.3	
Bare soil Erosion pay	(Symbo - rement P	$(1) \frac{1}{78} \frac{2}{7/}$	3 Average .7 84 77.6 2 2.3	Specie Ags P PuTr	2.7.	1 2 3 14.5 5 3.4	14.6	<u>Av</u> //	erage 4.5	
Bare soil Erosion pay Rock Litter	(Symbo rement P R I.	$\frac{1}{1} \frac{1}{\frac{78}{1}} \frac{7}{\frac{7}{3}} \frac{7}{\frac{7}{3}}$	3 Average •7 84 77.6 3 2.3 6 14.6	<u>Specie</u> <u>A9s</u> <u>PuTr</u>	2.7.	1 2 3 14.5 5 3.4	14.6	Av //	erage 4.3	
Bare soil Erosion pav Rock Litter Moss	(Symbo rement P R L M	$ \begin{array}{c} 1 \\ 1 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7$	3 Average •7 84 77.6 3 2.3 6 14.6	<u>Specie</u> <u>Ags</u> <u>Pa</u> Tr	2.7.	1 2 3 14.5 5 3.4	14.6	<u>Av</u> //	erage	
Bare soil Erosion pay Rock Litter Moss Plant Densi	(Symbo rement P R L M ty Index	1) 1) 1 7 7 7 7 7 7 7 7 7 7 7 7 7	3 Average .7 84 77.6 3 2.3 6 14.6 7 4.7	Specie Ags A Pa7x	2.7.	1 2 3 14.5 5 3.4	14.6 3.15	Av //	erage 4.5	
Bare soil Erosion pay Rock Litter Moss Plant Densi	(Symbo rement P R L M .ty Index Tota	$ \begin{array}{c} 1 \\ 1 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 3 \\ 7 \\ 8 \\ 3 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 3 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7$	3 Average .7 84 77.6 3 2.3 6 14.6 7 4.7 -100 100	Specie Ags PhTx CONDI	5 /4. 2.7. TION AND	1 2 3 14.5 5 3.4 TREND RA	14.2 3.75	Av //	erage 4.5 	
Bare soil Erosion pay Rock Litter Moss Plant Densi Forage Dens	(Symbo rement P R L M ty Index Tota ity Inde	$\begin{array}{c} 1 \\ 2 \\ 1 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7$	3 Average .7 84 77.4 3 2.3 6 14.6 7 4.7 -100 100 11 9.3	Specie Ags Pa7x Condi	5 /4. 2.2. TION AND	1 2 3 14.5 5 3.4 TREND RA <u>Vege</u>	14.2 3.75	Av // J J J J J J J J J J J J J J J J J J	ER	
Bare soil Erosion pay Rock Litter Moss Plant Densi Forage Dens Desirable F	(Symbo rement P R L M ty Index Tota ity Inde lant Ind	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 Average •7 84 77.4 3 2.3 6 14.6 7 4.7 -100 100 1/ 9.3 9 6.0	Specie Ags Pa7x ConDI Condi	TION AND	1 2 3 14.5 5 3.4 5 3.4 TREND R4 <u>Vege</u> ss	TING Contation	Av // J DF CLUST Soil Ve	ER	
Bare soil Erosion pay Rock Litter Moss Plant Densi Forage Dens Desirable F Ground Cove	(Symbo rement P R L M ty Index Tota ity Inde lant Ind r Index	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 Average .7 84 77.6 3 2.3 6 14.6 7 4.7 -100 100 11 9.3 9 6.0 16 21	Specie Ags ConDI Condi Curre	TION AND tion cla nt trend	1 2 3 14.5 5 3.4 5 3.4 TREND RA <u>Vege</u> ss	TING Contation	Av // 3 0 F CLUST Soil Ve	ER	
Bare soil Erosion pay Rock Litter Moss Plant Densi Forage Dens Desirable F Ground Cove Ove	(Symbo rement P R L M ty Index Tota tity Inde lant Ind r Index rstory	$ \begin{array}{c} 1 & 2 \\  & 1 \\  & 7 \\ $	3 Average .7 84 77.6 3 2.3 6 14.6 7 4.7 -100 100 11 9.3 9 6.0 16 21 6 5.3	Specie Ags PhTx ConDI Condi Curre	TION AND tion cla nt trend up	1 2 3 14.5 5 2.4 TREND RA <u>Vege</u> ss 1	TING Contation	Av // 3 0F CLUST Soil Ye	erage 4.5  ER ER	
Bare soil Erosion pay Rock Litter Moss Plant Densi Forage Dens Desirable H Ground Cove Ove Und	(Symbo rement P R L M ty Index Tota tity Inde lant Ind r Index rstory erstory	$ \begin{array}{c} 1 \\ 2 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 8 \\ 3 \\ 7 \\ 1 \\ 1 \\ 1 \\ 2 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 5 \\ 7 \\ 3 \\ 7 \\ 3 \\ 7 \\ 3 \\ 5 \\ 7 \\ 3 \\ 7 \\ 3 \\ 5 \\ 7 \\ 3 \\ 7 \\ 3 \\ 5 \\ 5 \\ 7 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5$	3 Average .7 84 77.6 3 2.3 6 14.6 7 4.7 -100 100 1/1 9.3 9 6.0 1/2 2.3 1 4.7	Specie Ags PhTx CONDI Condi Curre	TION AND tion cla nt trend up down	1 2 3 14.5 5 3.4 5 3.4 7 5 3.4 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	TING Contation	Av // J J F CLUST Soil Ye	ER Fry Poor	

#### Pellet Groups or Dropping Count Summary

			Transects	1	1.100000	Estimated	Estimated
	Plot Area (acres)	1.5/100	2 1.5/100	3	Total 4.5/100	Days Use Per Acre	Forage Removed Per Acre
Bighorn	Sheep Groppings	2		3	5	8.5	34 lbs
	Deer pellets	9	10	7	26	45	247
	Elk pellets	al and the		1	1	2.8	30.8

(R-4, 1953)

ORD OF PERMANENT LINE TRANSECT G (W) MANAGEMENT Condition and Trend. C-9 1 -Prosect No. t Smith Dwight Smith Reger Alcormack By Alan Smith Short 8-3-56 Copper Salm Ranger District Date Allotment Putr. KEY INDICATOR SPECIES 5 6 9 NOT RECORDED (Include Putr undesirable invaders D P p p and annuals) D 16 20 19 P P P P D P R 25 28 27 29 30 22 23 24 26 21 P Putr 11 P P P P D D P P 37 39 32 40 33 34 35 36 38 P P P P p P P 4 44 48 42 43 45 46 4-49 50 Puti Patr p P D p P 4 VIGOR MEASUREMENTS 51 52 53 54 56 57 58 59 60 Species Agsp Putr 15 1 P P P 2 P P N P P 12 P 3 3 14 61 62 63 64 65 66 67 68 69 70 5 415 3 5 13 P P P 6 P P p 2 P P 23 15 7 71 72 73 74 75 76 77 78 79 80 13 34 8 15 2 9 16 P P p P P P P 10 12 R 4 271/2 Total 143 83 85 87 88 89 90 81 84 86 Av. Max. / 4.3 2,75 P P R R P P Jas a Tape Height at Stakes: 95 92 94 97 98 99 100 91 93 96 01 at top of Stake p P p P p p D 6 - Below F SYMBOL PELLET GROUP COUNT SPECIES BARE SOIL (List by symbol, name and Plot Size 1.5/100 Deer 9 17 EROSION PAVEMENT BATP number of hits) ROCK R Elk 13a 3a LITTER L Bighorn 2 M Eriz MOSS 3 2 Putr PLANT DENSITY INDEX 100 5) ANNUALS (List by Species) Putr. Total 5 FORAGE DENSITY INDEX , Indicators Others 4 DESIRABLE PLANT INDEX Brte. -2 21 Unknown annual - 2 GROUND COVER INDEX 3 Overstory Understory OVER

#### General Instructions

List overstory species at the top of each block and circle symbol when it is a dead portion of a living shrub.

Age Classes of		Form C	lasses d	of Bi	rowse Plants1/
Browse Plants 1/	Class				
	1	All ava:	ilable,	litt	le or no hedging
S - seedling	2	=	11	mode	erately hedged
Y - young plant	3	=	11	clos	sely hedged
M - mature	4	Largely	availal	ble,	little or no hedging
D - decadent	5	11	11		moderately hedged
	6	11	11		closely hedged
	7	Mostly 1	unavaila	able	
	8	Unavaila	able		

On game ranges classify all browse hits up to 5 feet as M3, D6, S1, Y2, etc. Tally in block directly behind browse species as "ArtrM2", etc.

#### Pellet Group Counts

Plot size should be 1/100 acre, or a multiple of same, using the tape as the plot center line. Alternative dimensions that may be used are:

Width:	6.6 feet or 79.2 inches <u>or</u> (3.3 ft. each side of tape)	6 feet or 72 inches (3 ft. each side of tape)
	and	and .
Length:	0 to 66 ft. gives 1/100 acre 0 to 99 ft. gives 1.5/100 acre	0 to 72.6 ft. gives 1/100 acre 0 to 108.9 ft. gives 1.5/100 acre
Example:	A cluster with two transects an	d plots 6.6 feet wide and 0-99 feet

Example: A cluster with two transects and plots 6.6 feet wide and 0-99 feet in length samples 3/100 acre.

Converting factors:

13 pellet groups per day for deer
13 " " " " elk (tentative estimate)
12 droppings per day for cattle

Notes

Dasmann, Wm. P. Some deer range survey methods. Calif. Fish and Game, Vol. 37, No. 1, Jan. 1951.
(AGRICULTURE - OGDEN)

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IENT and Trend	1.								C=	9: 7-2
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orest	the state	Ranger	District	1	Allo	ment			0	Date By
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17	1	Ann	D	P	D	· D	P	P	D	
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Teller I	1		1	111		2049	Call (19			NAMES OF CASES
P	P	- 1	1	p.	1	P	R	P	0	VIGOR MEASUREMENTS
31	52	53	54	55	56	57	58	59	60	Species / R
	1 marsh	30 (78) 14 A (78)		Artr	Arti	Arti	1	1000	at in	1 10 2
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e I	62 0 Pr3	63	64	65	88	67	68	69	70	415 5
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	and the second	1000	11/2	10 DUR	the state					8 20 34
P	D	D	D	D	D	1	D	D	0	10 16 2
81	82	83	84	85	86	87	88	89	90	Total 145 34
and y	1300	的行行代	17月1日	the second	12 4		12			AV. Max. 14.5 3.4
P	P	P	R	P	P	P	P.	P	Latz	Mana Haisht at Stales
91	92	93	94	95	96	97	98	99	100	Tape Height at Stake
1	0			-	n	0	0	0	-	49.5' - 35,900
W	P	1	L	P	P	P	P	10	P	97.5' - Stake B
ARE S	OIL		f SYMI	L /TA		SPECIE	S	2 70	PELLET	GROUP COUNT
ROSIO	N PAVE	MENT	P _7	a nu	mber o	f hits	) name	and	Plot Si	120 1.5/100 aue
ITTER		47.1.	L _2	0 1	Agsp		1	in and	Ell	K 0
IOSS	DENIG	-	M		Phaz	120-11	2	TOPT	Oth	ner
LANT 1	DENSIT	I INDE		00 7	Artr	-	3	- Italia	ANNUA	ALS (List by Species)
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and the second s	DT E DT	ANT TH	DEY	PP	1.TD		4		AVTO	COPULAT /
ESIRA	COVER	TNDEY	2	8 4		1.12	1		inna	in appuel - 2

G (MAT

OVER

#### General Instructions

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Browse Plants 1/	Class								
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Dasmann, Wm. P. Some deer range survey methods. Calif. Fish and Game, Vol. 37, No. 1, Jan. 1951.
(AGRICULTURE - ORDER) ECORD OF PERMANENT LINE TRANSE

G (W) MANAGEMENT Condition and Trend.

C-9: T-3 Cluster Name and Transect No. COPPUS CU Ranger District Short Salmo 8-3-Allotment Date Forest By 5 6 10 KEY INDICATOR SPECIES 3 4 8 NOT RECORDED (Include undesirable invaders P P R D and annuals) D eid 05 12 13 14 15 16 17 19 1 48 20 Ø I. D D 0 P 24 26 29 30 21 23 25 28 P P R P R p D P D D 35 39 31 32 33 34 38 40 36 37 B p P R p P N p p 43 41 47 44 42 45 49 46 48 50 Puti p Pa 41 P P P D P P P P VIGOR MEASUREMENTS 54 53 55 56 57 50 59 60 Species Agsp Putr Py P tr utr 113 3 11 D P P R 2 P P R p Pes 14 2 P 3 61 64 65 67 70 13 62 63 66 69 21 12 4 16 5 3 P P P P P 6 P Ø p N 15 P 44 72 73 75 76 79 80 1.5 71 74 77 78 8 4 17 + 9 15 P P P P D 10 15 P p ma Total 146 31 /2 81 88 82 83 84 85 87 89 90 86 Av. Max. 14 3.15 P P. p P B P P Ņ P Tape Height at Stakes: 91 92 93 94 95 96 97 98 99 100 01 Stake 9.51 5 " P P 99.5' 9 1/1" Ø P P 11 U SYMBOL SPECIES PELLET GROUP COUNT BARE SOIL (List by symbol, name and number of hits) 84 Plot Size 1.5 1100 EROSION PAVEMENT P 3 Deer η ROCK R 495 6 2 Elk LITTER L Frid Other. MOSS 1) 3 M Bighorn 2 PLANT DENSITY INDEX 100 ANNUALS (List by Species) Amaz 21 Total FORAGE DENSITY INDEX 11 Indicators Others 9 DESIRABLE PLANT INDEX Brte -GROUND COVER INDEX 16 Unknown annual - 2 Overstory

OVER

Understory

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Browse Plants 1/	Class	3							
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Y - young plant	3	" " closely hedged							
M - mature	4	Largely available, little or no hedging							
D - decadent	5	" " moderately hedged							
	6	" " closely hedged							
and the second sec	7	Mostly unavailable							
	8	Unavailable							

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(AGRICULTURE - CODEN) W MANAGEMENT Condition and Trend

LINE INTERCEPT RECORD\*

Species Putr		Species	Suectar	Species	Sul oso	Species		Species		
Actual Intercept	Total Inches	Actual Intercept	Total Inches	Actual Intercept	Total Inches	Actual Intercept	Total Inches	Actual Intercept	Tota	
8:4"-10'7"	27							AL SAL		
38'8" 38-11"	3	Sec. 3	and the second					1323		
4710"- 50'9"	35	Marsh-	1	1.5		1 and a la			1	
	(65)	131.32	and the second					Star Party	-	
61'1"-69'6"	77	54'4'-57'3"	35	10.13						
	(77)		(35)							
17.8"_19'6" 49'11°_53'11''	22 48									
P. A.	(70)	-					1			

W MANAGEMENT Condition and Trend

LINE INTERCEPT RECORD\*

Actual       Total       Actual       Total       Actual       Total       Actual       Intercept       Total       Intercept       Inches       Actual       Intercept       Intercept       Inches       Actual       Intercept       Intercept       Inches       Intercept       Inches       Intercept       Intercept </th <th colspan="2">Species</th> <th>Species</th> <th>Arres artic</th> <th>Species</th> <th>Partie Labor</th> <th>Species</th> <th></th> <th colspan="4">Species</th>	Species		Species	Arres artic	Species	Partie Labor	Species		Species			
	Actual ntercept	Total Inches	Actual Intercept	Total Inches	Actual Intercept	Total Inches	Actual Intercept	Total Inches	Actual Intercept	Total Inches		
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					ALL S				1-1			

\*For trees and shrubs up to \_\_\_\_feet above the ground. AGRICULTURE - OGDEN

G(W) MANAGEMENT Condition and Trend SUMMARY FOR Putr

(Species, Transect, or Cluster)

A CARLEN STATE					2.61.2								
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Form : Age :	S	: Y :	: M	: D	: Class	:Total :		1	4:	2	5 :	3	6
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(R-4 1953)

G(W) MANAGEMENT Condition and Trend SUMMARY FOR

(Species, Transect, or Cluster)

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: :		: ;	:	:		Availa	ability :							
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6	1	19263		-	-	1 and the second								
		1		-				1. 2.						
7		1. 2. 2. 1				11.50		1					121	
						2.11								
8		1			1 1 1 1 1 1									
CT ON THE PARTY PARTY PARTY						and the second	Constraint.							
Age Total							100%							
		10000			1	and have	1.							
Percent					100%	XXX	XXX							

(R-4 1953)

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A-22

G(W) MANAGEMENT Condition and Trend

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### SUMMARY OF TRANSECT CLUSTER AND CURRENT RANGE CONDITION AND TREND RATING

Forest			Ranger District			Shor	ct No.		
Herd	Unit		Allot	ment		Ex	aminer	Da	te
	-	Av.% of	C	OMPOSITI	ON	Av.% o	f		Av.% of
	Av.No.	Plant			Av.No.	Plant		Av.No	. Plant
DESIRABLE*	Hits	Density	INTER	MEDIATE*	Hits	Densit	y UNDESIRA	BLE* Hits	Density
Agsp. Feid. Putr.			Eriz						
Rasa.									
Total			Total			NI ZIN	Total		
Bare soil Erosion pave Rock Litter	(Symbol ement P R L					2			verage
Plant Densit	ty Index	100-100	-100	100	CONDT	TTON ANI	TREND RAT	TNG OF CLUS	TER
Forage Densi Desirable PI Ground Cover Over Unde	ity Index Lant Index rstory erstory				Condi Curren	tion cla nt trend up lown	Veget	ation Soi	<u></u>
		Pelle	t Grou	ps or Dro	opping (	Count Si	immary		
	-		Transe	ects		Total	Estimated	Estimate	d
Plot Area (a	acres)					Total	Per Acre	Per Acre	oved
Cow dropping	zs				March 1				

Elk pellets (R-4, 1953)

Deer pellets

	- in -	•	· · · · · · · ·
3-STEP MET	HOD FOR MEASURING I Step III - Ph	REND IN RANGE CONI	ITION
Forest <u>Salmon</u> Allotment <u>Shart</u> Cy	Ranger Distric	t Copper Cru	Date 8-3-36
Transect No. <u>C:A T-1</u>	Camera Height _4	Photo By _	McCormack.
Transect No. 3.	Camera Heig.	lt <u>41"</u>	
	Christian 1		
HORT CR. 9 TIL			
			and the second
		Manager Arman	

## Preliminary Score Card VEGETATION CONDITION GUIDE

		John in the	
Vege	station Type Agep-Putr_Soil Type grante Cluste	er No. 9	
		Check only	indica-
		tors which	apply
Com	osition*	Adi	Point
(a)	**Better perennial herbaceous plants abundant. Palatable browse species represented in normal amount. Age classes represented for better perennial herbaceous plants and browse. Secondary forage plants inconspicu-	Rating	Rating**
	ous or scarce	E	
(b)	Better plants, including desirable browse species, moderately abundant to abundant. Secondary plants may be moderately abundant. Low value or worthless plants scarce.	G	
(c)	Secondary plants may be conspicuous and abundant. Better grasses and weeds may be scarce, or if present in normal amount, the palatable browse species are generally below normal. Low value or worthless plants may be abundant. Shrubs such as big sagebrush, snowberry and rose may form a third or more of the plant cover	· (F)	
(d)	Better grasses and weeds scarce, or if present in normal amount, the palatable browse species are generally scarce hedged and highlined. Secondary grasses and weeds may be moderately abundant to scarce. Less desirable shrubs and weeds may form half or more of the plant cover	, . P	
(e)	Low value or annual plants abundant to scarce. Better an secondary plants scarce or absent from the cover. The better plants, if present, occurring as relics or confine to brush clumps out of reach of grazing animals. Palatab shrubs, if present, are hedged and highlined. Shrubs suc as big sagebrush, snowberry and rose may make up 90 perce of the plant cover	d le h nt • VP	
Vigo	<u>r*</u>		
1			
(a)	Palatable perennial plants high in vigor. Grasses with		
	Palatable browse with profuse flowers or fruits	. E	
(b)	Palatable perennial plants are vigorous. Grasses usually		
	have numerous seed stalks. Foliage production is normal	-	
	plants well formed and not stunted. Crowns of palatable		
	browse species loose and open	G	
* D	alate to aluster summery.		
** T	o be assigned.		
-			

•

•

## VEGETATION CONDITION GUIDE (Cont'd)

		Check only	indica-
		tors which	apply
Vigo	r (cont'd)	Adj. Rating	Rating**
(c)	Vigor of palatable plants may be fair to good. Palatable perennial grasses may have fewer seed stalks, be shorter, and have fewer leaves. Palatable browse species may have fewer flowers or fruits and show moderate hedging	. F	
(d)	Palatable plants generally are low in vigor and slow to develop in the spring. They may be spindly or stunted in growth. Seed stalks of palatable grasses few in num- ber and short. Flowers and fruits scarce on palatable browse. Up to 50% of branches of palatable browse species are dead. Plants with partially dead root crowns. Palatable grasses may have a pale yellowish color	. P	
(e)	Both the better and secondary plants generally lacking in vigor - spindly, poorly formed, sickly looking. Better plants may be present as relics. More than 50% of branches of palatable browse species are dead. Dead Foot crowns commonly present.	. VP	
Dens	ity*		
(a)	Plant density and forage density index normal for the soil and site. (Optimum density for the site)	. E	
(b)	Plant density index normal but forage density index below normal for the soil and site. Density of palat- able browse species normal for the site	. G	
(c)	Plant density index below normal for the site. Forage plant index for site relatively high but below normal. Density of palatable browse species may be below normal for the site	. F	
(d)	Plant density index below normal for the site. Forage plant index for site relatively low. Density of palatabl browse species below normal for the site	e. Por V	P
(e)	Plant density index very low for site	. P or V.	P
Othe	r Indicators		

Classification of Vegetation Condition (Circle one) Excellent Good Fair Poor Very Poor

\* Relate to cluster summary. A-16 \*\*To be assigned.

· · · · ·

# Preliminary Score Card TREND IN VEGETATION CONDITION GUIDE

	Vegetation Type Soil Type	Clus	ter No
Exc	ch ellent and Good Condition	eck only i	ndicators
la.	Palatable plants vigorous. Grasses robust with numerous leaves, seed stalks tall and numerous, leaves a healthy green color. Forage plants, including palatable browse,	Posi- tive	Nega- tive
1b.	reproducing vigorously and a variety of age classes present. Palatable plants lacking in vigor. Low vigor in plants is shown by the pale, sickly color of foliage, few seed stalks produced by grasses, dead branches and few annual twigs on browse, shallow or scant root systems of normal-	()	
-	ly deep-rooted plants, and absence of seedlings	• • • • •	. ()
	<ul> <li>2a. Utilization of key species does not exceed proper</li> <li>2b. Utilization of key species exceeds proper</li> </ul>	()	. ()
3a. 3b.	Browse in healthy condition	()	
	shrub is dying		. ()
Fair	Condition Class		
la. 1b.	Palatable plants vigorous. See la. above	()	. ()
	<ul> <li>2a. Utilization of key species does not exceed proper</li> <li>2b. Utilization of key species exceeds proper</li> </ul>		()
3a. 3b.	Browse in healthy condition	()	. ()
	4a. Better forage plants ** invading and readily available to grazing animals. Better forage plants growing in the openings between shrubs	()	
	4b. Lack of reproduction of young plants of better species. Absence of seedlings or young plants of both palatable a unpalatable plant species may indicate that the micro-co- mate is unfavorable for germination or seedling survival If seedlings and young plants of unpalatable plants are present and those of palatable plants are absent, it may be assumed that grazing is too severe for palatable plants to become established. Downward trend is indicated.	and Li- L. y ats	. ()
*Poi **Pe	int rating to be assigned. erennial plants which are part of the original vegetation and or the site. Generally they are good soil binders and deep re	climam poted.	ha they

2 -

TREND IN VEGETATION CONDITION GUIDE (Cont'd)	
Fair Condition Class (cont'd) Check only i	ndicators which
palatable or poor forage plants is an indicator	<u>bry</u>
of downward trend	tive Negative
List plants:	
Poor Condition Class	
la. Palatable plants vigorous. See la. above	) /
1b. Palatable plants lacking in vigor. See 1b. above	· · · (1)
Electric tol design the second s	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
2a. Utilization of key species does not exceed proper (	
20. Utilization of key species exceed proper	· · · (1)
3a. Several years' regrowth from hedged browse. At least two or	
more years' regrowth should be in evidence to establish the	
fact of upward trend in forage condition. The age of re-	
growth may be established by a count of the annual growth	
rings	1
50. browse neaged and/or nightined	· · · · (7)
4a. Invasion of bare spots by better forage plants. Invasion	
must be positive, i.e., a variety of age classes must be	
represented in addition to seedling reproduction. Better	
forage plants may be invading in stands of unpalatable	E Van
plants or on bare ground lacking vegetation. Invasion	
good indication of unward trend List plants	1
Boor marganten et abwerd etende. Pipe brauen	and the state
THE REPORT OF A PARTY	
4b. No invasion of bare spots by better forage plants	••• (1)
5a. Invasion on erosion pavement. Invasion and establishment of	
perennial plants on erosion pavement is a good indication of	
upward trend. The basal parts of invading plants will be	
List plants.	
	in the man
an alterit without we specifie down constraint and at the	
5b. No invasion on erosion pavement	· · · @
6a. A well dispersed accumulation of litter from past year's	
growth. Generally a well dispersed litter layer accom-	
panies a well dispersed vegetal cover	
ob. Scarcity of litter of palatable plants. Litter scarce	IX
Very Poor Condition Class	
le Invasion or thickening of any species characteristic of	
hetter range condition List plants	
perset range congreterer. The branche	Star Barris
2a. Utilization of key species does not exceed proper (	
2b. Utilization of key species exceeds proper	()
Other Indiantons	
CONST. THUTCALOUS	
Retinetion of Current Trend in Verstation Condition ( )	
Un Down Viet in Vegetation Condition (circle one)	
(R_/ 105/) Not Apparent	
(1-4 1994) A-18	

2-22.

Preliminary Score Card SOIL STABILITY CONDITION GUIDE

1 -

Vege	etation Type Soil Type	Cluster No	
Cum	cent Erosion on Site	Check only i	ndica-
(a)	No evidence of soil loss or accelerated erosion, topsoil layer intact	Adj. Po Rating Ra E	int ting*
(b)	Topsoil stable and in place. No evidence of current accelerated erosion. Some topsoil may have been lost in the past but the soil is now stabilized. Small patches of erosion pavement may be present as a result of past erosion	Grate	
(c)	Slight erosion. Patches of erosion pavement may occur on gravelly or rocky soils. Subsoil may be exposed in spots.	F	
(d)	Moderate erosion. Extensive patches of erosion pavement occur on gravelly or rocky soils. Active gullies of local origin may be present. The subsoil may be frequently exposed	P	
(e)	Severe erosion. Topsoil losses are generally heavy, subsoil extensively exposed. Active gullies may be frequent and deep. Gravelly soils usually have a complete erosion pavement	VP	
Cond	lition of Litter on Site		
(a)	Normal well dispersed accumulation of plant litter and humus	E	
(ъ)	Plant litter accumulated from several years' growth of perennial plants is present. Litter well dispersed and provides good soil protection	G	
(c)	Accumulations of plant litter are generally confined to areas protected by shrubs or tree growth. Much of the space between plants consists of bare ground. Litter cover is not adequate to protect the soil surface between plants	F	
(d)	No accumulations of plant litter. Litter poorly dispersed scarce, generally insufficient to protect the soil	P	
(e)	Plant litter generally absent or scarce; if abundant it will consist of annual or unpalatable plant parts	VP	
*To	be assigned.	(00	ver)

the second state of the second state of	Check only indicators which apply
Erosion Hazard Index for Site(1)	Adj. Point Rating Rating
Negligible	••• E
Low	G
Medium	F
High	P
Extreme	•••• VP

Other Indicators

## Classification of Soil Stability Condition (circle one)

Excellent

pice increen Lands consiste of here months as and

Good Fair. Poor (Very Poor) oursists erosioneneversus Preliminary Score Card TREND IN SOIL STABILITY CONDITION GUIDE

Vege	tation Type Soil Type	Cluster	No
	the second and the forest por significant and the second s	Check only tors which	indica- apply*
Good	and Excellent Condition	tive	tive
la.	A well dispersed accumulation of litter from past year growth. Cover of litter being replaced each year	r's	anapulau anapulau
lb.	Scarcity of litter of palatable plants. Cover of litter is not being replaced each year		()
	2a. No visible accelerated erosion	· · · ( )	()
3a. 3b.	No trampling displacement	::.()	()
Fair	, Poor, and Very Poor Condition		
la.	A well dispersed accumulation of litter from past year's growth. Cover of litter being replaced each year	()	
lb.	Scarcity of litter of palatable plant. Cover of litter is not being replaced each year		(1.
	<ul> <li>2a. Gullies, if present healed. Gullies which originate on the area are stabilized by the growth of perennial vegetation on both sides and bottom. The sidewalls will be rounded in appearance. The presence of vegetation in gully bottoms is not by itself a reliable indicator of improved range condition. It may be highly misleading if used without a careful appraisal of conditions on the area drained</li> <li>2b. Gullies, if present, active. Established gullies that are raw and actively cutting. This type of gully may vary from a few inches to saveral fact in denth</li> </ul>	()	
за. 3b.	Rill marks stabilized with perennial vegetation Rill marks present. They often appear during storms but may be obliterated later depending on	()	
*Po	depth of cutting		(over

a de la contractar	Check only which	indicators apply
Fair, Poor, and Very Poor Condition (cont.)	Posi-	Nega-
4a. Alluvial deposits stabilized with perennial	()	0110
4b. Alluvial deposits not stabilized. Recent deposits may partially cover the basal portions of established plants. Recent deposits usually may be distinguished from old ones by the absence of perennial vegetation on the deposit	. ()	
5a. Healed terraces. Stabilized terraces characterized by sloping sides clothed with vegetation and no exposed live roots. Tops of terraces invaded and occupied by perennial plants	. ()	
5b. Active terraces. Active terraces have more or less steep sides, show evidence of sliding soil, exposed live roots, and are not stabilized by vegetation		••••
<ul> <li>6a. Sloping-sided soil remnants. Soil remnants with sloping sides, or sides clothed with mosses, lichens or higher plants. Plant roots covered by soil. Space between soil remnants being occupied by perennial plants</li></ul>	. ()	
They are usually of recent origin. They are characterized by almost vertical sides and often with exposed roots of the plants holding remnants of the soil		•• (\$
7a. Wind-scoured depressions stabilized with perennial vegetation	()	
7b. Wind-scoured depressions between plants. In extreme cases the soil surface is merely a series of such shallow depressions separated by low ridges of vege- tation. If the surface of the depression is scoured or etched, rapid downward trend is indicated		. ()
<ul> <li>8a. Wind deposits stabilized with perennial vegetation</li> <li>8b. Recent wind deposits. Recent wind deposits show 1 if any discoloration of the surface material by or matter and no decomposition of buried plant parts</li> </ul>	h() Little Oganic	. ()
<ul> <li>9a. Trampling displacement insignificant</li></ul>	()	•• ()
10. Exposed plant crowns or roots. Soil loss taking place currently as shown by exposed crowns or roots appearing on young, deep-rooted perennial plants ,		. (4)
Other Indicators		

. . .

" marine

Estimation of Current Trend in Soil Stability (circle one) Up Down Not Apparent