

## **Determination of Public Land (Rangeland) Health for 65042 ANDREW GLENN**

The Record of Decision (ROD) for the New Mexico Standards for Public Land Health and Guidelines for Livestock Grazing Management (dated January 2001) adopted three Standards for Public Land Health. These are (1) Upland Sites Standard, (2) Biotic Communities, Including Native, Threatened, Endangered, and Special Status Species Standard and (3) Riparian Sites Standard.

The ROD also established a process for the BLM Field Offices for the implementation. Through a public participation process, the Roswell Field Office developed and adopted indicators to use in conjunction with existing monitoring data to assess these standards.

Field assessment worksheets and other available data that evaluate the local indicators were completed for this allotment. Based on the assessments, it is my determination that the public land within the Andrew Glenn allotment #65042, meets the Upland Sites standard and (2) Biotic Communities, including Native, Threatened, Endangered, and Special Status Species standard. There are no public land Riparian areas on this allotment, therefore this standard was not addressed.

/s/ T. R. Kreager  
Assistant Field Manager

09/28/2005  
Date

## Standards of Public Land Health Evaluation of 65042 ANDREW GLENN Allotment [ 06/27/2005 ]

The ROSWELL Field Office conducted rangeland health assessments at two (2) study sites within the Andrew Glenn allotment 65042. The assessments looked at the Soil/Site Stability, Hydrologic Function and Biotic Integrity indicators within the vicinity of each study site. Existing monitoring data was incorporated into and in support of the field assessment. The summary of each assessment is attached and shown in the following table.

Study Area or Assessment Area	UPLAND			BIOTIC			RIPARIAN		
	Meets	Monitor an Indicator	Does Not Meet	Meets	Monitor an Indicator	Does Not Meet	Meets	Monitor an Indicator	Does Not Meet
65042- HW148-C037 (* )	X			X	*		N/A		
65042-WS82- C038	X			X	*		N/A		

Twenty-two (22) indicators for Rangeland Health were evaluated for public land on Andrew Glenn allotment #65042. Ten (10) assessed soil site stability, 11 hydrologic function and 13 biotic integrity. These qualitative assessments in conjunction with quantitative information gathered from previous data collected on two locations were utilized to assess rangeland health of public land within this allotment. This allotment is a category "C" (custodial) due to small amounts of public land present.

HW148 Pasture includes the site closest to ranch headquarters. The ecological site is a CP-2 Sandy Plains of 400 acres/162 hectares. The soil is a Faskin fine sand on 0-2 percent slope, deep and well-drained on high terraces in the eastern part of the survey area. Elevation is between 3,800 ft/1,152 m and 4,200 ft/1,272 m. No livestock were present and influences from the headquarters, road and former pit leading into this area are minimal. Indicators rating Moderate are pedestals and/or terracettes, bareground, wind-scoured blowouts and/or depositional areas, litter movement, functional/structural groups and annual production.

Pedestaling is occurring on the grass clumps of little bluestem (*Schizachyrium scoparium*) and threeawn (*Aristida* spp.). These plants appear elevated which suggests soil loss or degradation rating Slight to Moderate. The estimated bareground percentage of 50 percent exceeds the long-term average by 10. Fluctuations between 20 and 60 percent over the years warrant a Moderate rating. Wind-scoured blowouts were occasionally present but appear to be vegetating. The movement of litter, mainly grass is

piling in depressions and up against shinnery oak (*Quercus havardii*) and in interspaces. Mesquite (*Prosopis glandulosa*), snakeweed (*Gutierrezia sarothrae*) are two other shrubs encroaching to the point of becoming scattered and common respectively. Invasive plants rates Moderate to Extreme as a result. Due to reductions of bluestem and grama species and addition of recruitment of young sand sage (*Artemisia filifolia*), the functional/structural groups also rates Moderate. Annual production is only 1/3 of the long-term average with a current estimate of 500 lbs/ac or kg/ha. Blue grama (*Bouteloua gracilis*) however can be found in small patches and should respond to precipitation. All other indicators rated None to Slight and Slight to Moderate with normal ranges of variability from established parameters.

WS82 Pasture is a CP-2 Deep Sand ecological site of 240 acres/97 hectares. A natural gas pipeline dissects a major portion of the pasture, but the site itself is minimally influenced. A retention dam at the head of the drainage contains water and is where cattle are congregated. The soil complex is a Faskin-Roswell, hummocky which occurs on high terraces in the eastern part of the survey area. Slope is 0-5 percent on elevations between 3,800 ft/1,152 m and 4,100 ft/1,242 m. Indicators with Moderate departures are pedestals and/or terracettes, bareground, soil surface resistance to erosion and loss or degradation, functional/structural groups, and invasive plants.

Pedestals on elevated grass plants, mainly threeawn were occurring in flow paths. Bareground is currently estimated at 50 percent departing moderately from parameters established. A somewhat rapid melting of interspace ped samples results in soil surface resistance to erosion rating Moderate. This rating also holds for soil surface loss or degradation indicator. Organic matter is lacking throughout this site. Snakeweed and mesquite are scattered throughout rating invasive plants Moderate. Functional/structural groups are reduced as the majority of bluestem and dropseed species are missing in favor of shrubs. All other indicators rate Slight to Moderate and None to Slight falling within normal ranges of variability from parameters established.

#### Hydrology-

HW148 pasture - The pedestals and/or terracette indicator rated as moderate. The recent dry conditions in combination with wind and water erosion has possibly decreased the amount of plant cover and possibly decreased infiltration into the soils which may have increased the amount of pedestaling of plants and rocks. The bare ground indicator rated as moderate. The amount of bare ground has possibly increased due to recent dry conditions and also wind and water erosion processes. The wind scoured, blowouts, and or deposition area indicator rated out as moderate. The decrease in the strength of the physical soil crusts and or the absence of soil crusts, wind velocity, surface dryness, surface roughness, and the decreased amount of surface plant cover has possibly increased the amount of wind-scoured, blowouts and deposition areas in the area. The litter movement indicator rated in the moderate category. The decrease in litter movement suggests that the dry conditions have had a negative affect on the growing conditions which decreases the amount of litter that is produced and litter movement. All other

indicators rated as none to slight or slight to moderate which shows a healthy ecological condition in relation to these other indicators.

W582 pasture - The pedestals and/or terracette indicator rated as moderate. The recent dry conditions in combination with wind and water erosion has possibly decreased the amount of plant cover and possibly decreased infiltration into the soils which may have increased the amount of pedestaling of plants and rocks. The bare ground indicator rated as moderate. The amount of bare ground has possibly increased due to recent dry conditions and also wind and water erosion processes. Soil surface resistance to erosion rated in the moderate category, with the soil stability test showing a rapid melting of the interspace soil sample. Organic matter is lacking on this site. The soil surface loss or degradation has rated out as moderate. The recent dry conditions, decrease in the strength of physical crusts and or absence of soil crusts, wind velocity, surface dryness, and the decreased amount of surface plant cover has possibly increased soil surface loss to degradation. All other indicators rated as none to slight or slight to moderate which shows a healthy ecological condition in relation to these other indicators.

#### Wildlife -

Evaluation of the integrity of biotic community considered several indicators as attribute indices for the area of interest. Biotic indicators are interrelated with several other indicators, including soil/site stability, hydrologic function, and vegetation. Several indicators are singularly biotic and address the vegetative aspect of the ecological site description, such as functional/structural groups and plant mortality & decadence.

In addition to the standard worksheet biotic factors, four specific wildlife indicators and descriptors are included in this evaluation. A unique assemblage of terrestrial species and avifauna can be expected to use the Mescalero Sands ecosystem. Of significance are the lesser prairie chicken and sand dune lizard known only to occur within this ecosystem. The vegetation community of interest is the shinnery oak-tall grass type only found in this portion of the Field Office area.

This allotment is not within LPC or SDL designated areas, although it is adjacent to Mescalero Sands proper (shinnery oak/dune/tall grass habitat type). It is more of a transitional area between the dune sands and the flatter shortgrass prairie, exhibiting a mixed shrub grassland aspect with a downward trend due to an increase in the shrub component and a decrease in grass and forb diversity. The public land comprises a very small portion of the pastures. Due to the declining habitat conditions, wildlife habitat and populations rate Moderate. Special status species and habitat rate None to Slight.

In the professional opinion of the Assessment Team, public land within Andrew Glenn allotment #65042, meets Upland and Biotic standards. There are no Riparian issues present, therefore this standard was not addressed. See site notes and recommendations for further information regarding this assessment.

The (\*) indicates that the assessment had one or more indicator(s) rated moderate/extreme or extreme. These indicators are:

- Invasive Plants

These indicators by themselves are not enough to rate the site as not meeting a standard but may warrant future monitoring.

**Recommendations:** The current grazing rotational scheme and stocking rate should continue for this allotment as most areas are recovering from the dry conditions. The current distribution of shrub to grass is adequate and the need for any brush treatments to control mesquite is minimal.

<b>RFOs Upland and Biotic Standard Assessment Summary Worksheet</b>			
<b>SITE 65042-HW148-C037</b>			
Legal Land Desc	SWSW 2 0100S 0290E Meridian 23	Acreage	400
Ecosite	070BY055NM SANDY PLAINS CP-2	Photo Taken	Y
Watershed	13060007050 WHITE LAKES		
Observers	NAVARRO/ARTHUN	Observation Date	06/29/2005
County Soil Survey	NM644 CHAVES NORTH	Soil Var/Taxad	
Soil Map Unit	FaA	Soil Taxon Name	FASKIN
Texture Class	NM644 LFS	Soil Phase	FASKIN
Texture Modifier	NM644 FINE SAND		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	16.2	NOAA Growing Season Precipitation	12.29
NOAA Avg Annual Precipitation	14.97	NOAA Avg Growing Season Precipitation	12.91
Disturbances and Animal Use:	No livestock were observed. Deer sign is everywhere. Influences from the road, headquarters and former pit are minimal. The surrounding areas have been grubbed to remove mesquite (private land), and is only helping the public land to recover as well.		

<b>Part 2. Attributes and Indicators</b>						
		Departure from Ecological Site Description/Ecological Reference Areas				
Attribute	Indicators	Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S H	Rills					X
Comments:						
S H	Water Flow Patterns				X	
Comments:						
S H	Pedestals and/or Terracettes			X		

Comments:						
S H	Bare Ground			X		
Comments:	Current estimate is 50 -60%.					
S H	Gullies					X
Comments:						
S	Wind-scoured, Blowouts, and/or Deposition Areas			X		
Comments:	Occasionally present.					
H	Litter Movement			X		
Comments:						
S H B	Soil Surface Resistance to Erosion				X	
Comments:						
S H B	Soil Surface Loss or Degradation				X	
Comments:	Pebbles and small rocks on surface.					
H	Plant Community Composition and Distribution Relative to Infiltration and Runoff				X	
Comments:						
S H B	Compaction Layer					X
Comments:						
B	Functional/Structural Groups			X		
Comments:	Mesquite dunes may be inhibiting some perennial grass production. Reduction of grama and bluestem species is evident.					
B	Plant Mortality/Decadence					X
Comments:						
H B	Litter Amount				X	
Comments:	Current estimate is 20%.					
B	Annual Production			X		
Comments:	Current estimate is 450 -500 lbs/ac or kg/ha.					
B	Invasive Plants		X			
Comments:	Broom snakeweed ( <i>Gutierrezia sarothrae</i> ); mesquite ( <i>Prosopis glandulosa</i> ).					
B	Reproductive Capability of Perennial Plants				X	
Comments:						

S	Physical/Chemical/Biological Crusts				X	
Comments:	Physical crust is weak but intact.					
B	Wildlife Habitat			X		
Comments:	A flat mixed shrub grassland habitat type, a transition zone on the west edge of Mescalero Sands ecosystem (deep sand, shinnery oak/tall grass type). Exhibiting downward trend due to brush invasion and a major decline in grass and forb species.					
B	Wildlife Populations			X		
Comments:	No specific wildlife population data at this time. The primary species of concern are pronghorn antelope, upland game species and a variety of non-game wildlife species. Wildlife populations not as diverse due to decline in habitat conditions. General shift from grassland species to shrub-tolerant species.					
B	Special Status Species Habitat					X
Comments:	None known to occur.					
B	Special Status Species Populations					X
Comments:	None known to occur.					

**Part 3. Summary**

A. Indicator Summary - Each of the indicators are associated with one or more of the attributes below. An indicator is placed in a category (columns) above and summed for each of the Standard Attributes.

Standard Attribute	Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S	0	0	3	4	3
H	0	0	3	5	3
B	0	1	4	4	4

B. Attribute Summary. In this table, the Extreme and Extreme to Moderate columns in the table above are merged for the *Does not Meet* column, Moderate becomes *May Need More Info*, and Slight to Moderate and None to Slight merge to form the *Meets* columns. Values from the table are summarized below. Space is provided for rationale of the determination. This space should most certainly be used when the determination by the ID team conflicts with the summarized values. Provide the sources of information that lead to the determination. X out the appropriate box for each attribute to denote final

agreed upon determination by the ID team.				
Attribute	Rationale	Does Not Meet	May Need More Info	Meets
Soil	Indicators rated as moderate are within the expected range for the sandy plains site.	0	3	7
Hydrologic		0	3	8
Biotic	<p>Biotic indicators show some departure but remain sufficient. Continued evaluation to ensure the biotics remain at an acceptable level is recommended.</p> <p>Although the allotment is at the western edge of the LPC area, the special status species (LPC) habitat is a concern.</p>	1	4	8
<p>Site Notes: No livestock present. Sign of deer is observed. Species present: shinnery oak (<i>Quercus havardii</i>), mesquite (<i>Prosopis glandulosa</i>), <i>Aristida</i> spp., yucca (<i>Yucca</i> spp.), dropseed (<i>Sporobolus</i> spp.), sand sage (<i>Artemisia filifolia</i>), croton (<i>Croton</i> spp.), spectacle-pod (<i>Dithyrea wislizenii</i>), bluestem (<i>Andropogon</i> spp. and <i>Schizachyrium</i> spp.), aster spp., blue grama (<i>Bouteloua gracilis</i>) and scorpionweed (<i>Phacelia</i> spp.)</p> <p>Reduced concentration of bluestems; recruitment of Arfi.</p>				

**RFOs Upland and Biotic Standard Assessment Summary Worksheet**

**SITE 65042-WS82-C038**

Legal Land Desc	NENE 22 0090S 0290E Meridian 23	Acreage	240
Ecosite	070BY063NM DEEP SAND CP-2	Photo Taken	Y
Watershed	13060007050 WHITE LAKES		
Observers	NAVARRO/ARTHUN	Observation Date	06/29/2005
County Soil Survey	NM644 CHAVES NORTH	Soil Var/Taxad	
Soil Map Unit	FRB	Soil Taxon Name	FASKIN
Texture Class	NM644 LFS	Soil Phase	FASKIN- ROSWELL
Texture Modifier	NM644 HUMMOCKY		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	16.2	NOAA Growing Season Precipitation	12.29
NOAA Avg Annual Precipitation	14.97	NOAA Avg Growing Season Precipitation	12.91
Disturbances and Animal Use:	No livestock observed. The major pipeline dissecting this pasture has minimal influences on the site as the shinnery oak and sand sage is abundant.		

**Part 2. Attributes and Indicators**

		Departure from Ecological Site Description/Ecological Reference Areas				
Attribute	Indicators	Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S H	Rills					X
Comments:						
S H	Water Flow Patterns				X	
Comments:						
S H	Pedestals and/or Terracettes			X		

Comments:						
S H	Bare Ground			X		
Comments:	Current estimate is 40- 50%.					
S H	Gullies					X
Comments:						
S	Wind-scoured, Blowouts, and/or Deposition Areas				X	
Comments:						
H	Litter Movement				X	
Comments:						
S H B	Soil Surface Resistance to Erosion			X		
Comments:						
S H B	Soil Surface Loss or Degradation			X		
Comments:						
H	Plant Community Composition and Distribution Relative to Infiltration and Runoff				X	
Comments:						
S H B	Compaction Layer					X
Comments:						
B	Functional/Structural Groups			X		
Comments:	Snakeweed ( <i>Gutierrezia sarothrae</i> ), mesquite ( <i>Prosopis glandulosa</i> ), shinnery oak ( <i>Quercus havardii</i> ), <i>Aristida</i> spp.					
B	Plant Mortality/Decadence					X
Comments:						
H B	Litter Amount				X	
Comments:	Estimated at 20-30%.					
B	Annual Production				X	
Comments:	Current estimate is 650 lbs/ac or kg/ha.					
B	Invasive Plants			X		
Comments:	Snakeweed and mesquite scattered.					
B	Reproductive Capability of Perennial Plants				X	
Comments:						

S	Physical/Chemical/Biological Crusts				X	
Comments:	Physical crust is weak but intact.					
B	Wildlife Habitat			X		
Comments:	This is a hummocky mixed shrub grassland habitat type, a transition zone on the west edge of Mescalero Sands ecosystem (deep sand, shinnery oak/tall grass type). Exhibiting downward trend due to brush invasion and a major decline in grass and forb species.					
B	Wildlife Populations			X		
Comments:	No specific wildlife population data at this time. The primary species of concern are pronghorn antelope, upland game species and a variety of non-game wildlife species. Wildlife populations not as diverse due to decline in habitat conditions. General shift from grassland species to shrub-tolerant species.					
B	Special Status Species Habitat				X	
Comments:	None known to occur.					
B	Special Status Species Populations				X	
Comments:	None known to occur.					

**Part 3. Summary**

A. Indicator Summary - Each of the indicators are associated with one or more of the attributes below. An indicator is placed in a category (columns) above and summed for each of the Standard Attributes.

Standard Attribute		Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S	Soil	0	0	4	3	3
H	Hydrologic	0	0	4	4	3
B	Biotic	0	0	6	5	2

B. Attribute Summary. In this table, the Extreme and Extreme to Moderate columns in the table above are merged for the *Does not Meet* column, Moderate becomes *May Need More Info*, and Slight to Moderate and None to Slight merge to form the *Meets* columns. Values from the table are summarized below. Space is provided for rationale of the determination. This space should most certainly be used when the determination by the ID team conflicts with the summarized values. Provide the sources of information that lead to the determination. X out the appropriate box for each attribute to denote final

agreed upon determination by the ID team.

Attribute	Rationale	Does Not Meet	May Need More Info	Meets
Soil	Indicators rated as moderate are within the expected range for a deep sand site.	0	4	6
Hydrologic	Indicators rated as moderate are within the expected range for a deep sand site.	0	4	7
Biotic	Biotic indicators show some departure but remain sufficient. Continued evaluation to ensure the biotics remain at an acceptable level is recommended.  Although the allotment is at the western edge of the LPC area, the special status species (LPC) habitat is a concern.	0	6	7

Site Notes: No livestock observed. This site is north of a retention dam and adjacent to a gas pipeline. Threeawn (*Aristida* spp.) was the predominant grass. Other species present: broom snakeweed (*Gutierrezia sarothrae*) yucca (*Yucca* spp.) sandsage (*Artemisia filifolia*) shinnery oak (*Quercus havardii*) blue grama (*Bouteloua gracilis*) croton (*Croton* spp.) black grama (*Bouteloua eripoda*) spectacle-pod (*Dithyrea wislizenii*)

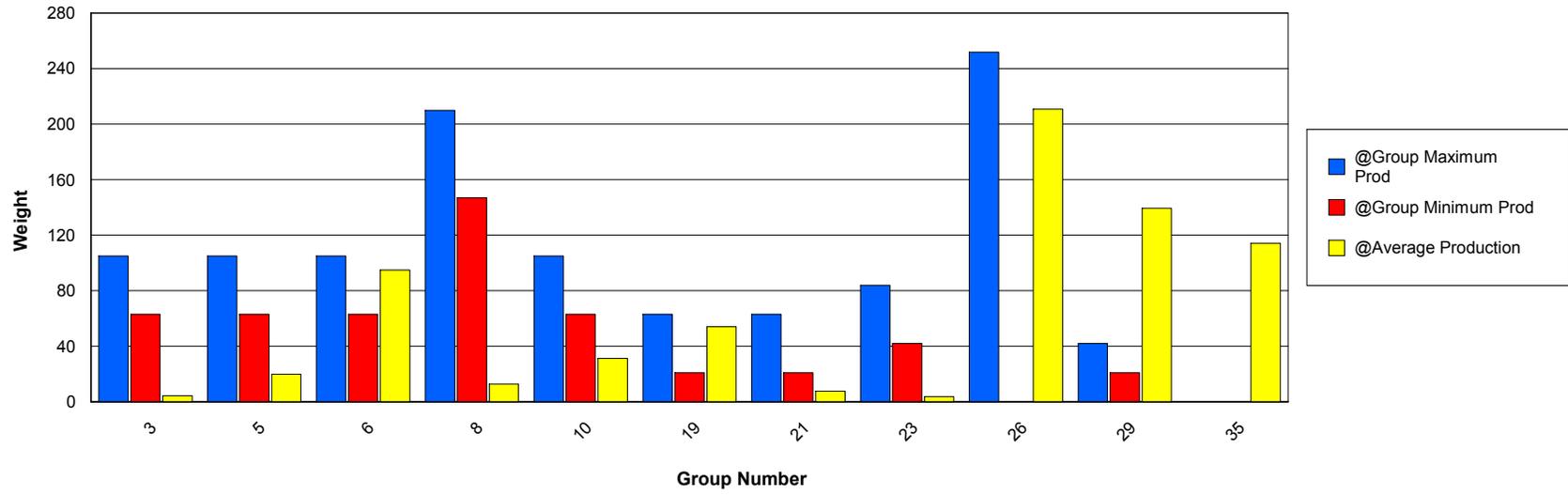
# Functional / Structural Groups

## Report Parameters

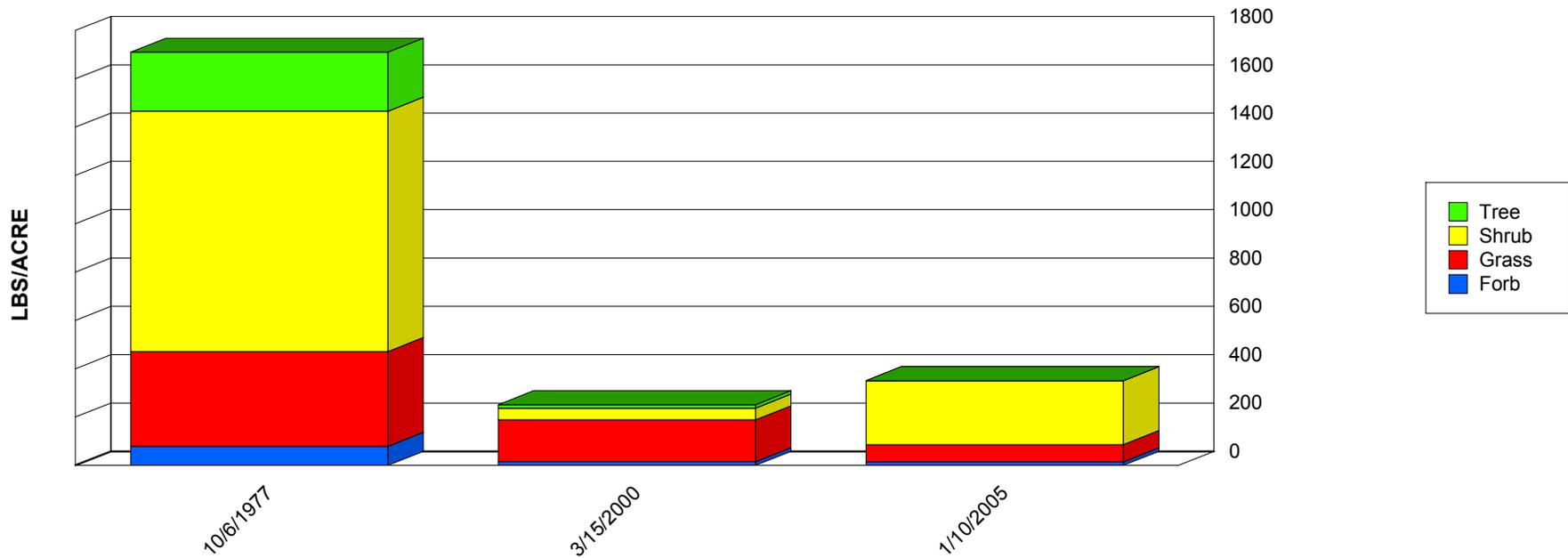
SITE NAME LIKE 65042-HW148-C037  
 ON/AFTER 10/01/1977  
 ON/BEFORE 09/30/2005  
 MIN LBS TO GRAPH 2  
 SELECTED ECOSITE 070BY055NM

Group	Plant Type	Species	Low Wt Allowed	High Wt Allowed	Minimum	Maximum	Average	STDEV
3	Grass	EROX	63	105	0.00	1.92	0.96	0.96
3	Grass	PAST6	63	105	0.00	6.86	3.43	3.43
5	Grass	BOHI2	63	105	1.17	47.52	19.90	19.94
6	Grass	ARIST	63	105	0.00	200.00	94.88	81.97
8	Grass	SPCR	147	210	0.00	25.48	12.74	12.74
10	Grass	BOER4	63	105	0.57	62.00	31.29	30.72
19	Grass	BOGR2	21	63	13.20	25.00	19.10	5.90
19	Grass	ERPU8	21	63	0.00	3.00	1.50	1.50
19	Grass	PAOB	21	63	0.00	3.84	1.92	1.92
19	Grass	SPFL2	21	63	20.00	43.00	31.50	11.50
21	Forb	ERIOG	21	63	0.00	6.60	3.30	3.30
21	Forb	HELIA3	21	63	0.00	8.68	4.34	4.34
23	Forb	AAFF	42	84	0.00	11.00	3.67	5.19
26	Shrub	QUHA3	0	252	6.30	617.00	210.87	287.18
29	Shrub	GUSA2	21	42	41.87	236.87	139.37	97.50
35	Shrub	PRGL2	0	0	17.33	197.00	107.17	89.84
35	Tree	PRJU	0	0	0.00	14.25	7.13	7.13

Group Plant Type Species Low Wt Allowed High Wt Allowed Minimum Maximum Average STDEV



# Production Lbs/Acre Trends

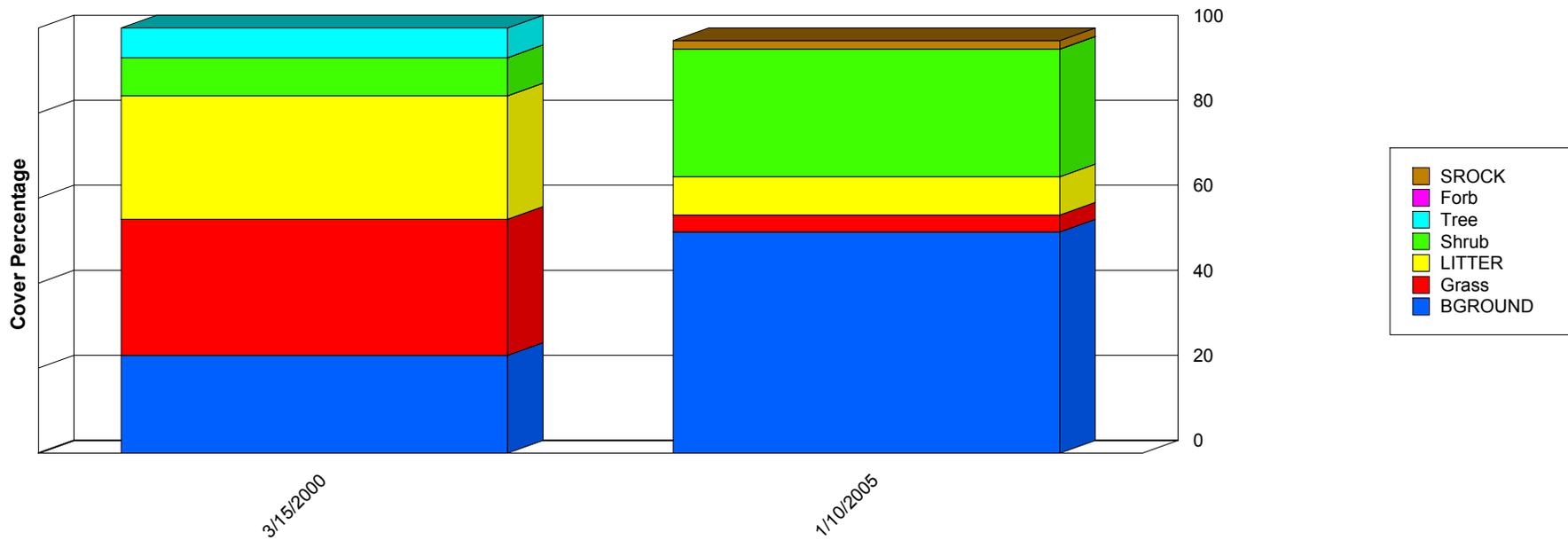


	10/6/1977	3/15/2000	1/10/2005
Forb	79.00	15.28	14.37
Grass	392.00	173.25	71.87
Shrub	995.00	48.17	264.17
Tree	244.00	14.25	0.00
Total	1,710.00	250.95	350.41

## Report Parameters

SITE NAME LIKE 65042-HW148-C037  
 ON/AFTER 10/01/1977  
 ON/BEFORE 09/30/2005

# Ground Cover Trends



	3/15/2000	1/10/2005
BGROUND	23.00	52.00
Forb	0.00	0.00
Grass	32.00	4.00
LITTER	29.00	9.00
Shrub	9.00	30.00
SROCK	0.00	2.00
Tree	7.00	0.00

	3/15/2000	1/10/2005
Total	100.00	97.00

### Report Parameters

SITE NAME LIKE 65042-HW148-C037  
ON/AFTER 10/01/1977  
ON/BEFORE 09/30/2005

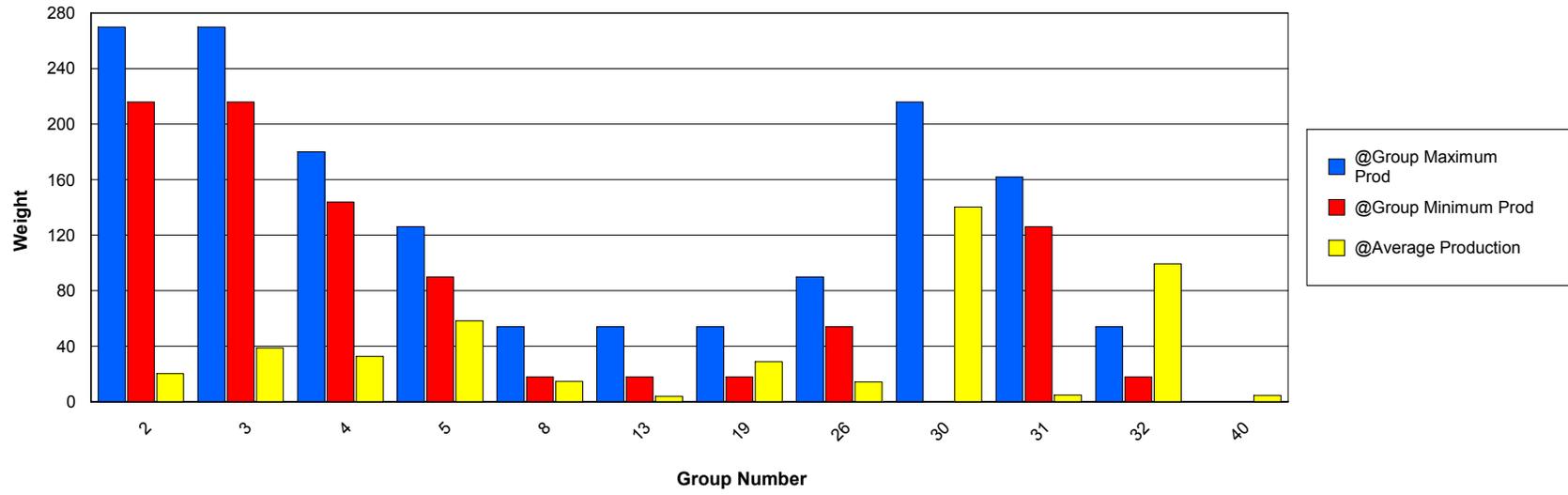
# Functional / Structural Groups

## Report Parameters

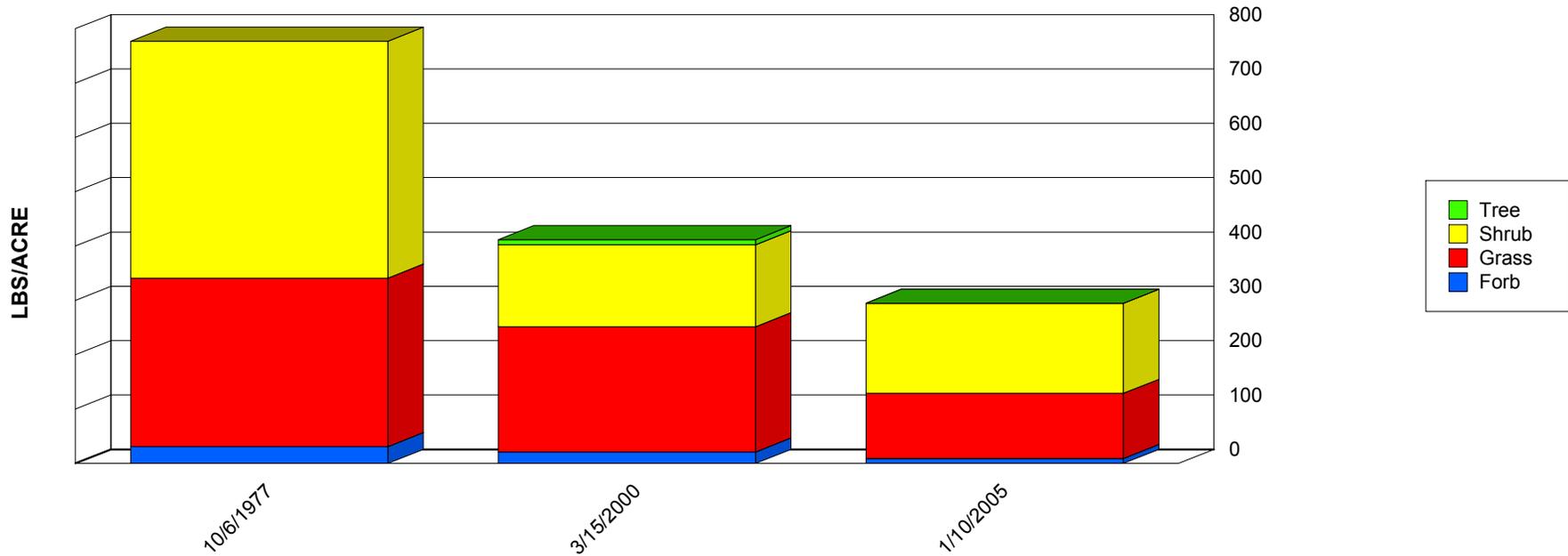
SITE NAME LIKE 65042-WS82-C038  
 ON/AFTER 10/01/1977  
 ON/BEFORE 09/30/2005  
 MIN LBS TO GRAPH 2  
 SELECTED ECOSITE 070BY063NM

Group	Plant Type	Species	Low Wt Allowed	High Wt Allowed	Minimum	Maximum	Average	STDEV
2	Grass	ANSC2	216	270	19.63	21.12	20.38	0.75
3	Grass	SPFL2	216	270	30.67	55.00	38.79	11.46
4	Grass	BOHI2	144	180	1.17	65.12	32.76	26.11
5	Grass	ARIST	90	126	0.00	96.00	58.35	41.84
8	Grass	LECO	18	54	7.37	21.87	14.62	7.25
13	Grass	CHCU2	18	54	0.00	7.80	3.90	3.90
19	Grass	BOGR2	18	54	1.32	49.00	25.16	23.84
19	Grass	PAOB	18	54	2.56	4.80	3.68	1.12
26	Forb	AAFF	54	90	0.00	22.00	14.36	10.16
30	Shrub	QUHA3	0	216	62.10	251.00	140.33	80.46
31	Shrub	ARFI2	126	162	0.45	9.10	4.78	4.33
32	Shrub	GUSA2	18	54	56.67	162.00	99.49	45.20
40	Tree	PRJU	0	0	0.00	9.00	4.50	4.50

Group Plant Type Species Low Wt Allowed High Wt Allowed Minimum Maximum Average STDEV



# Production Lbs/Acre Trends

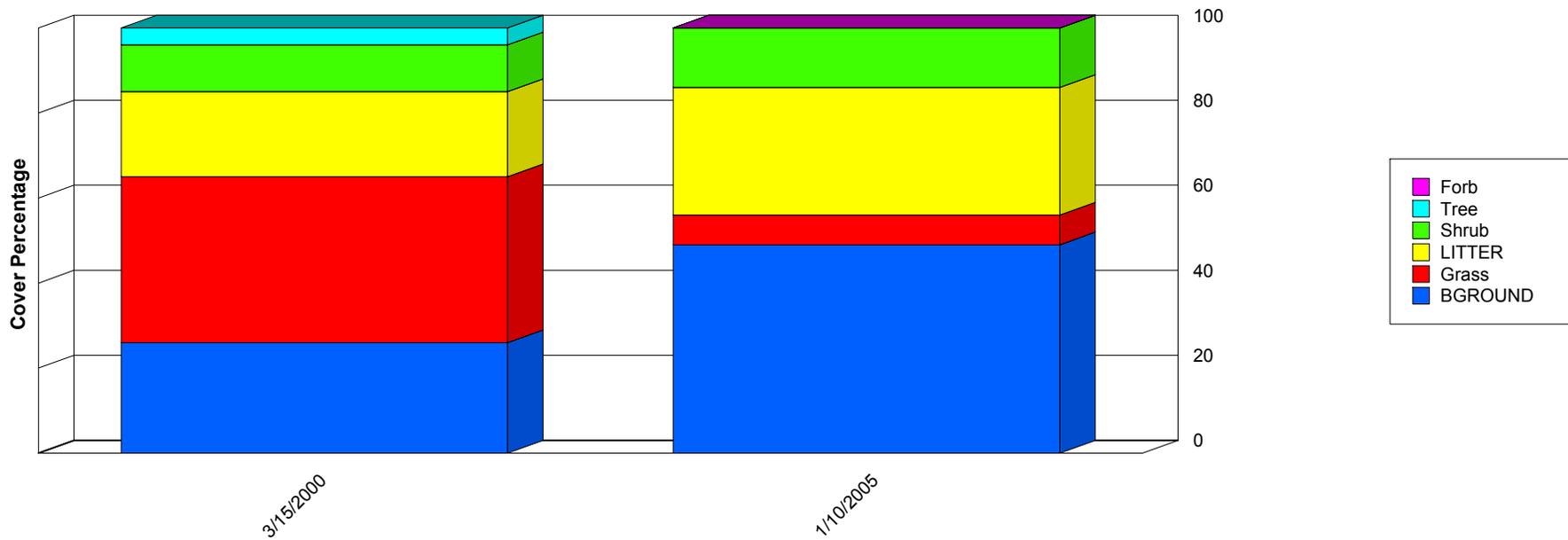


	10/6/1977	3/15/2000	1/10/2005
Forb	31.00	21.08	9.06
Grass	310.00	230.45	119.96
Shrub	436.00	150.99	165.67
Tree	0.00	9.00	0.00
<b>Total</b>	<b>777.00</b>	<b>411.52</b>	<b>294.69</b>

## Report Parameters

SITE NAME LIKE 65042-WS82-C038  
 ON/AFTER 10/01/1977  
 ON/BEFORE 09/30/2005

# Ground Cover Trends



	3/15/2000	1/10/2005
BGROUND	26.00	49.00
Forb	0.00	0.00
Grass	39.00	7.00
LITTER	20.00	30.00
Shrub	11.00	14.00
Tree	4.00	0.00
Total	100.00	100.00

## Report Parameters

SITE NAME LIKE	65042-WS82-C038
ON/AFTER	10/01/1977
ON/BEFORE	09/30/2005