

Appendix P: Stag Mountain Allotment Wildlife Monitoring Data

Summer habitat ratings for mule deer:

SM-02:

Date: 1990					
Wildlife Season of Use: Deer summer					
A. Browse Vigor Rating:					
Key Browse Species:	SYOR				
Age Class Rating:	Satisfactory				8
Form Class Rating:	Satisfactory				8
B. Forage Quality Rating:					
Diversity Index:	0.14	Rating:	Poor	5	
Forage Quantity Adjustment:		(Vegetative Cover)		0	
OR					
Forage Quantity Adjustment:	1018	(lbs/ac)		0	
Total Rating:					5
C. Cover Rating:	29.80%	Rating:	Fair		9
D. Disturbance Rating:					5
E. Water Distribution Rating:	< 2 miles				16
Comment: Diversity index from 1990 production data. Forage quantity from 1990 production data. Cover rating from 1990 density board.				Subtotal:	51
				Correction Factor:	1.2
				Total Score:	61.20
				Rating:	Good

Date: 2003					
Wildlife Season of Use: Deer summer					
A. Browse Vigor Rating:					
Key Browse Species:	SYOR				
Age Class Rating:	Satisfactory				8
Form Class Rating:	Satisfactory				8
B. Forage Quality Rating:					
Diversity Index:	0.2	Rating:	Poor	5	
Forage Quantity Adjustment:		(Vegetative Cover)		0	
OR					
Forage Quantity Adjustment:	1706	(lbs/ac)		0	
Total Rating:					5
C. Cover Rating:	24.00%	Rating:	Fair		9
D. Disturbance Rating:					5
E. Water Distribution Rating:	<2 miles				16
Comment: Diversity index from 2003 line intercept data. Forage quantity from 1999 production data. Cover rating from 2003				Subtotal:	51
				Correction Factor:	1.2

density board.	Total Score:	61.20
	Rating:	Good

Date: 2012		
Wildlife Season of Use: Deer summer		
A. Browse Vigor Rating:		
Key Browse Species:	SYOR	
Age Class Rating:	Unsatisfactory	4
Form Class Rating:	Satisfactory	8
B. Forage Quality Rating:		
Diversity Index:	0.16	Rating: Poor 5
Forage Quantity Adjustment:		(Vegetative Cover) 0
<u>OR</u>		
Forage Quantity Adjustment:	1773	(lbs/ac) 0
Total Rating:		5
C. Cover Rating:	23.00%	Rating: Fair 9
D. Disturbance Rating:		5
E. Water Distribution Rating:	<2	16
Comment: Diversity index and forage quantity from 2014 production data. Cover rating from 2012 density board. Low disturbance rating due to widespread effects of 2006 wildfire.	Subtotal:	47
	Correction Factor:	1.2
	Total Score:	56.40
	Rating:	Fair

SM-03:

Date: 7/31/2012		
Wildlife Season of Use:		
Big Game Range Name:		
A. Browse Vigor Rating:		
Key Browse Species:	PUTR2	
Age Class Rating:	Unsatisfactory	4
Form Class Rating:	Satisfactory	8
B. Forage Quality Rating:		
Diversity Index:	0.16	Rating: Poor 5
Forage Quantity Adjustment:	58.00%	(Vegetative Cover) 0
<u>OR</u>		
Forage Quantity Adjustment:		(lbs/ac) 0
Total Rating:		5
C. Cover Rating:	20.00%	Rating: Poor 5
D. Disturbance Rating:		5

E. Water Distribution Rating:	3	11
Comment: Diversity index and forage quantity from 2012 line-point intercept cover data. Cover rating from 2012 ocular estimate.	Subtotal:	38
	Correction Factor:	1.2
	Total Score:	45.6 0
	Rating:	Poor

Pronghorn summer habitat ratings:

SM-01:

Date: 2/11/1991		
Wildlife Season of Use: Antelope summer		
Big Game Range Name:		
A. Water Availability Rating:		
Miles to Water (to 1/2 mile)	1.5	15
B. Vegetation Quality Rating:		
Forbs (to 0.1%):	14.8%	12
Grasses (to 0.1%):	26.0%	12
Shrubs (to 0.1%):	59.0%	3
C. Diversity Index Rating	1.02	15
D. Vegetation Quantity Rating:	1161	15
E. Vegetation Height Rating:	26	0
F. Fence Interference Rating	6	6
Total Score:		78
Rating:		Good
Comment: Vegetation quality and quantity from 1987 production data. Diversity index from 1987 production data. Vegetation height from 1991 ocular estimate.		

Date: 6/25/2003		
Wildlife Season of Use: Antelope summer		
Big Game Range Name:		
A. Water Availability Rating:		
Miles to Water (to 1/2 mile)	1.5	15
B. Vegetation Quality Rating:		
Forbs (to 0.1%):	22.1%	12
Grasses (to 0.1%):	23.9%	8
Shrubs (to 0.1%):	54.2%	4
C. Diversity Index Rating	0.81	8
D. Vegetation Quantity Rating:	356	4

E. Vegetation Height Rating:	13	10
F. Fence Interference Rating	6	6
Total Score:		67
Rating:		Good
Comment: Vegetation quality from 2000 production data. Diversity index from 2000 production data. Vegetation quantity from 2000 production data. Vegetation height from 2003 density board.		

Date: 2014		
Wildlife Season of Use: Antelope summer		
Big Game Range Name:		
A. Water Availability Rating:		
Miles to Water (to 1/2 mile)	1.5	15
B. Vegetation Quality Rating:		
Forbs (to 0.1%):	17.0%	13
Grasses (to 0.1%):	33.3%	14
Shrubs (to 0.1%):	49.7%	4
C. Diversity Index Rating	1.06	15
D. Vegetation Quantity Rating:	425	4
E. Vegetation Height Rating:	9	5
F. Fence Interference Rating	6	6
Total Score:		76
Rating:		Good
Comment: Vegetation quality from 2014 production data. Diversity index from 2014 production data. Vegetation quantity from 2014 production data. Vegetation height from 2012 density board.		

SM-02:

Date: 2014		
Wildlife Season of Use: Pronghorn summer		
A. Water Availability Rating:		
Miles to Water (to 1/2 mile)	0.75	16
B. Vegetation Quality Rating:		
Forbs (to 0.1%):	4.1%	4
Grasses (to 0.1%):	47.8%	19
Shrubs (to 0.1%):	48.2%	4
C. Diversity Index Rating	0.72	4
D. Vegetation Quantity Rating:	1773	10
E. Vegetation Height Rating:	12	10
F. Fence Interference Rating	6	6

Total Score:	73
Rating:	Good
Comment: Vegetation quality, quantity and diversity index from 2014 production data. Vegetation height rating from 2012 density board.	

Date: 1999		
Wildlife Season of Use: Pronghorn summer		
A. Water Availability Rating:		
Miles to Water (to 1/2 mile)	0.75	16
B. Vegetation Quality Rating:		
Forbs (to 0.1%):	1.8%	4
Grasses (to 0.1%):	28.6%	10
Shrubs (to 0.1%):	69.6%	4
C. Diversity Index Rating	1.44	15
D. Vegetation Quantity Rating:	2951	10
E. Vegetation Height Rating:	>25	0
F. Fence Interference Rating	6	6
Total Score:		65
Rating:		Good
Comment: Vegetation quantity, quality and diversity index from 1999 production data. Vegetation height from 1999 ocular estimate.		