

TO

Dean Graham

50

1

8-11-80

FROM

ERIC

D-1

SUBJECT

Mt. Haggins
Production est.

MESSAGE (WRITE CONCISE MESSAGE. SIGN AND FORWARD PARTS 1 AND 2 TO ADDRESSEE. RETAIN PART 3)

Dean,

Here's the data we used to estimate production on Mt. Haggins. If you give this data to Harmay you should emphasize that we did no clipping, all production estimates were strictly ocular estimates. Any further questions give me a call.

SIGNATURE

Eric

REPLY (USE THIS SPACE FOR REPLY. SIGN AND DATE. RETURN PART 2 TO SENDER. RETAIN PART 1)

GUS
This the info. you requested from
The Forest Service concerning **GRAZING**
CAPACITIES.
Hubert

FOREST SERVICE
Bridger National Forest
Butte, Montana
AUG 12 1980
RECEIVED

SIGNATURE

DATE

NORTH OF LOST CREEK UNIT

SOURCE	HABITAT TYPE, VEG.-COMMUNITY, OR GROUP OF VEG.-TYPES	CONDITION	ESTIMATED PRODUCTION TOTAL (HERBAGE)	ESTIMATED PRODUCTION FORAGE (GRASS&10%FORB)	% OF GOOD CONDITION	% USE	RECOMMENDED OR CALCULATED STOCKING RATE	STOCKING RATE USED
Production estimates, Howarth Mueggler	Agsp-Feid Feid-Agsp	Good	1000	820 ^{1/}	100 ^{2/}	45	1.95	2
	Agsp community	Good	975	673 ^{3/}	100	45	2.26	2
	Feid-Agsp Habitat Type (H.T.)	Good	985	808	100	45	1.98	2
Production estimates, Howarth Mueggler	Agsp-Feid Feid-Agsp	Fair	700	574	70	30	4.2	4.5
	Agsp community	Fair	487 ^{2/*}	336 *	50	*	4.5*	4.5
	Feid-Agsp H.T.	Fair	585	484	60	35	4.25	4.5
Production estimates, Howarth Mueggler	Fesc-Feid	Good	1200	984	100	45	1.6	1.6
	Fesc-Feid community	Good	1176	941 ^{3/}	100	45	1.65	1.6
	Fesc-Feid H.T.	Good	1600	1312	100	40	1.4	1.6
Production estimates, Howarth Mueggler	Fesc-Feid	Fair	800	656	66	35	3.1	3
	Fesc-Feid community	Fair	705 ^{2/}	564 ^{3/}	60	*	2.75	3
	Fesc-Feid H.T.	Fair	960	787	60	30	3.05	3
Production estimates, Howarth Mueggler	Feid-CAR, Feid-POA POA-CAR	Good	900	576 ^{4/}	100	45	2.8	3
	Feid-Stipa-Carex community	Good	1063	660 ^{4/}	100	50	2.05	3
	Feid-Carex H.T.	Good	800	512 ^{4/}	100	45	3.1	3
Production estimates, Howarth Mueggler	Feid-CAR, Feid-POA POA-CAR	Fair	688	440 ^{4/}	76	35	4.7	5
	Feid-Stipa-Carex community	Fair	531 ^{2/}	330 ^{4/}	50	*	4.1	5
	Feid-Carex H.T.	Fair	480	307 ^{4/}	60	35	6.7	5
Production estimates, Howarth Mueggler	Pico-Psme	All	200	—	—	30	12	12
	Psme-Pico-Agsp-Feid community	—	—	— ^{5/}	—	—	5-10	12
	N.A.							

1/ literature indicated composition was approximately 20% forbs with 10% use on forbs. Total production was reduced by 20% with 10% added back for forbs used, except as noted below for all types.
 estimated production - Forbs (20%) + (10% of forbs [20% of est. prod.]) = est. prod. Forage

2/ calculated based on information given in literature

3/ grasses + 10% of forb production

4/ literature indicated forbs comprise 50% of this type (used 40%)

5/ no production given based on % crown cover

6/ 40% forbs

7/ 22% forbs

use Fair condition rate for unsuitable range not rated
 7 & 8 not rated

STUCKY RIDGE UNIT (SOUTH OF LOST CREEK)

SOURCE	HABITAT TYPE, VEG.-COMMUNITY, OR GROUP OF VEG. TYPES	CONDITION	ESTIMATED PRODUCTION TOTAL (HERBAGE)	ESTIMATED PRODUCTION FORAGE (GRASS & 10% FORG)	% OF GOOD CONDITION	% USE	RECOMMENDED OR CALCULATED STOCKING RATE	STOCKING RATE USED
Production estimates, Howarth Mueggler	Agsp & Elici types	Fair	340	280		30	8.5	7
	Agsp community	Fair	487 ^{3/}	336	50	*	4.5	7
	Feid-Agsp H.T.	Fair	585	484	60	35	4.25	7
	Feid-Agsp H.T.	Poor	394	323	40	35	6.3	7
Production estimates, Howarth Mueggler	Feid-Stipa	Good	600 ⁵⁰	384 ⁴¹⁶ ^{5/}	100	45	4.2 ^{3.9}	4.5
	Feid-Stipa-Carex community	Good	1063	660 ^{3/}		50	2.05	4.5
	Feid-Stipa H.T.	Good	1200	768 ^{5/}	100	45	2.08	4.5
	Feid-Stipa H.T.	Fair	720	460 ^{5/}	60	35	4.5	4.5
Production estimates, Howarth Mueggler	Feid-POA & all Poa types	Fair	633	518	?	30	4.6	5
	Feid-Stipa-Carex community	Fair	531 ^{3/}	330	50		4.1	5
	Feid-Carex H.T.	Fair	480	307	60	35	6.7	5
Production estimates, Howarth Mueggler	Pral & Psme	All	200	—	—	30	12	12
	Psme-Pico-Agsp-Feid community	—	—	— ^{5/}	—	—	5-10	12
	none							12
Production estimates, Howarth Mueggler	P-10 types	All	150	—	—	30	16	16
	Quaking Aspen	—	—	—	—	—	5-10	16
	none	—	—	—	—	—		16
P-3	Poor condition			give no capacity	(close)			0
Production estimates, Howarth Mueggler	Artr types	Fair	350	224 ^{5/}	—	30	10.7	12
	Artr-Agsp community		300	179 ^{5/}	60	30	13	12
	Artr-Agsp H.T.	Fair	480	222 ^{3/}		35	9.2	12
Production estimates, Howarth Mueggler	Fesc-Feid	Good	1200		100	45	1.6	1.6
	Fesc-Feid community	Good	1176	941 ^{3/}	100		1.65	1.6
	Fesc-Feid H.T.	Good	1600	1312	100	40	1.4	1.6

UPPER LOST CREEK BOTTOM

Mueggler	Carex-Poa H.T.	Good	2595	2595	100	50	.55	.55 use for V-CAR-POA
Howarth	Quaking Aspen	—	—	—	—	—	10	10 use for Salix 198

See North of Lost Creek Unit chart for footnotes

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AUGUST L. HORMAY
RANGE MANAGEMENT CONSULTANT

101 ACADIA STREET • SAN FRANCISCO, CALIFORNIA 94131

August 18, 1980

INVOICE

Montana Department of Fish, Wildlife and Parks
Wildlife Division
Helena, Montana 59601

For field services, Charles M. Russell (CMR) and Mt. Haggin Projects
August 11-15, 1980

CMR Project: Examination and counselling Nichols Coulee and (Square Butte and
Beauchamp) cattle allotments

August 11.	Travel S.F. - Helena		
	Meals	NC ¹	
	Lodging, Helena	20.00	receipt
	Fee	225.00	
August 12.	To CMR and Nichols Coulee		
	Meals	16.00	
	Lodging	NC	
	Fee	225.00	
August 13.	Nichols Coulee (Square Butte)		
	Meals	10.00	
	Lodging	NC	
	Fee	225.00	
August 14	Nichols Coulee (Beauchamp) to Helena		
	Meals	12.00	
	Lodging, Helena	19.00	receipt
	Fee	225.00	
			<u>977.00</u>

Mt. Haggin Project: Grazing capacity estimation

August 15.	At Helena		
	Meals	7.00	
	Lodging	None	
	Fee	225.00	
			<u>232.00</u>

Plane fare S.F. to Helena and return

402.00 receipt
\$1,611.00

¹NC - No charge

A. L. Hormay

4120.3 (912)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
222 North 32nd Street
P.O. Box 30157
Billings, Montana 59107

RECEIVED

AUG 29 1980

27 AUG 1980

WILDLIFE DIV.

RECEIVED

AUG 29 1980

WILDLIFE DIV.

Mr. Keith Colbo
Director, Dept. of Fish,
Wildlife and Parks
1420 East 6th Ave.
Helena, Montana 59601

Dear ^{Keith} ~~Mr.~~ Colbo:

The following is provided for your information concerning range conditions and actions necessary due to the drought we are experiencing in portions of Montana, North Dakota and South Dakota.

Drought conditions have been recognized in eastern Montana and parts of the Dakotas since midsummer 1979. After a dry winter and little to no moisture during the spring of 1980, it was determined by our managers that some resource management actions were necessary. As a first step, the Bureau consulted with livestock operators and requested that voluntary suspension of grazing be taken if at all possible. Valley and Phillips County operators were informed by letter in June of the need for nonuse and opportunity for refund of grazing fees. Simultaneously, this message was also released through newspapers and television stations.

In July, BLM State and Lewistown District personnel conducted a field inspection of drought critical areas within Valley County. This was followed by a similar review in the Miles City District. From these inspections, it was determined that immediate action was needed in select areas.

Subsequently, an on-the-ground tour of Valley County was scheduled after consultation with representatives of the ranching community, Montana Stockgrowers Association and the Public Lands Council. This tour was held on Tuesday, August 19, with representation from the affected State Grazing Districts, ranchers, loan institutions, Montana Department of Fish, Wildlife and Parks, Montana Extension Service, members of Senator Baucus' staff, the Public Lands Council and other federal agencies. There was general agreement that some actions had to be taken in those areas

8/29/80 Original Keith Colbo. CC: Eco, Wildlife, Regions 4, 5, 6 and 7. FEN/jds

Criteria for judging?

where severe resource damage is occurring. Tour members also agreed that lessees and licensees be informed of what BLM actions they can expect during the 1981 grazing season.

The BLM is now in the process of issuing advance notice to those operators whose allotments have been identified for suspension of grazing this year. All operators have been, or will be, contacted personally prior to a final decision suspending or reducing their range use for the remainder of the 1980 grazing season.

The Bureau is also developing letters that will be sent to all livestock users in the drought area informing them as to what they may expect for the 1981 season if the drought continues. The prescribed adjustments which may be necessary to regain plant vigor and ground cover necessary to support future resource needs will be determined on an allotment by allotment basis. It is likely that turnout dates will have to be delayed by two to three months and livestock numbers reduced by 25 to 50 percent. This action will be dependent on the condition of residual plant cover and the amount of effective precipitation received before fall freezeup this year. We are requesting the cooperation of all involved so that livestock grazing can return to normal as soon as possible.

Sincerely yours,

Mike Penfold

Michael J. Penfold
State Director