

APPENDIX M
NORTH DAKOTA

ALLOCATION SUMMARY

	Wilderness	Further Planning	Nonwilderness
* Number of Areas	1	0	11
Gross Acres	11,880	0	204,690
Net Acres	9,000	0	185,700

* Roadless areas may overlap state boundaries and appear in 2 or more states. Total areas allocated to each category may not equal total number of areas in RARE II inventory.

Area LIDAU Twin Buttes on Little Missouri National Grassland was allocated to wilderness to meet wheatgrass/needlegrass target (03110-059). Designation of Twin Buttes area as wilderness would reduce projected gains in employment associated with oil and gas exploration and production. This does not represent an adverse impact in terms of change from the present but rather a future opportunity foregone.

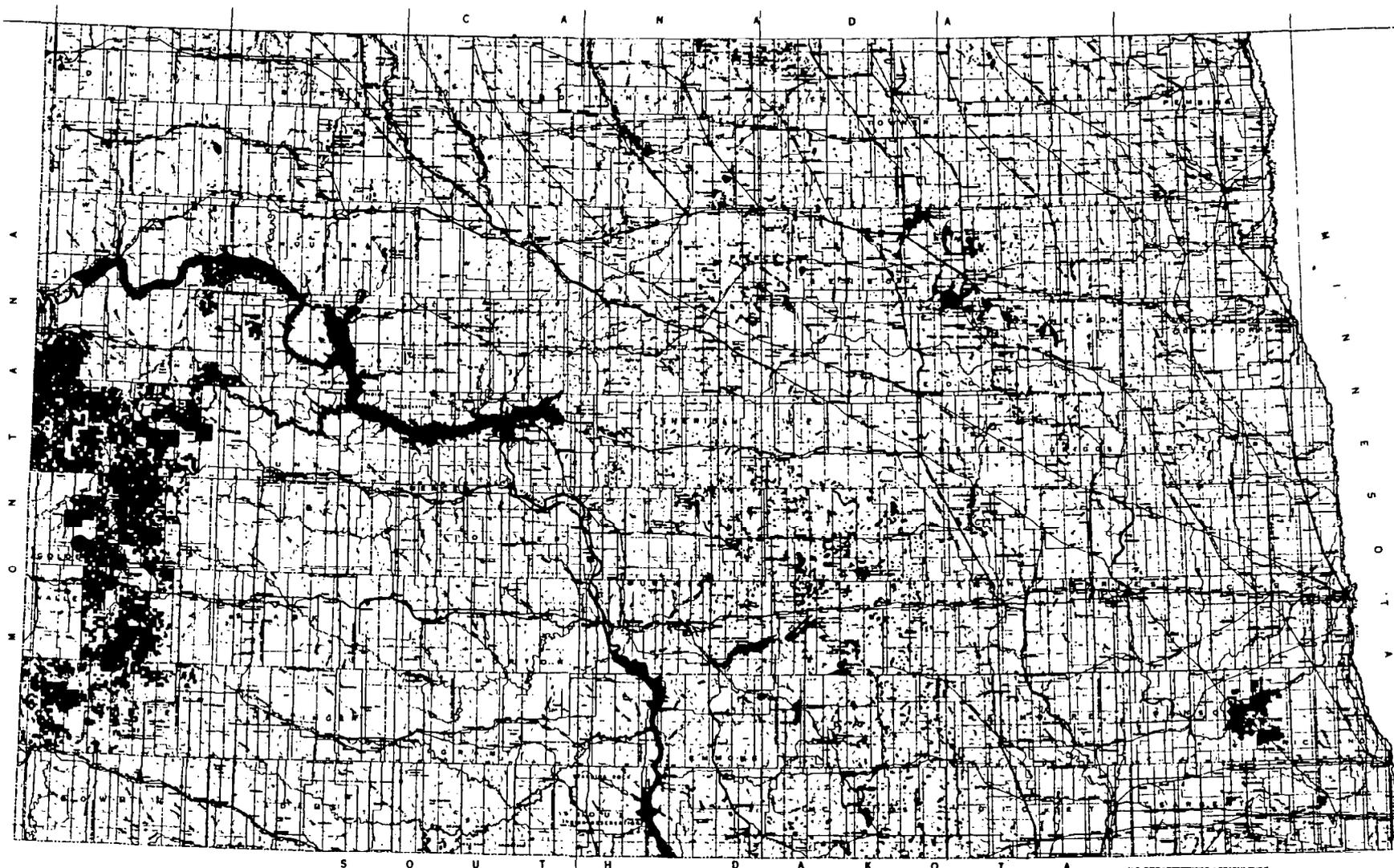
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M-2



- Wilderness
- ▲ Further planning
- Non-wilderness

Revised December 1978

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
John R. Peterson, Chief

**ROADLESS AND UNDEVELOPED
AREA EVALUATION II
"RARE II"**
**NORTHERN REGION
NATIONAL GRASSLANDS
NORTH DAKOTA
10TH PRINCIPAL MERIDIAN
MAY 1978**

STATE: NORTH DAKOTA

AREA ID	AREA NAME	ALLO- CATION	GROSS ACRES	NET ACRES		AREA ID	AREA NAME	ALLO- CATION	GROSS ACRES	NET ACRES
FOREST: CUSTER N.F.										
L1DAK	BELL LAKE NG	NW	11980	10860	**	L1DBB	MAGPIE NG	NW	37240	34960
L1DAO	CHENEY CREEK NG	NW	8180	7460	**	L1DBD	ASH COULEF NG	NW	34620	28560
L1DAP	HORSE CREEK NG	NW	15020	14390	**	L1DBE	WANNAGAN NG	NW	7480	5880
L1DAU	TWIN BUTTES NG	W	11880	9000	**	L1DBI	KINLEY PLATEAU NG	NW	21120	19360
L1DAX	LONE BUTTE NG	NW	13080	12920	**	L1DBJ	BULLION BUTTE NG	NW	19130	17760
L1DAY	RENNETT-COTTONWOOD NG	NW	18400	18200	**	L1DBL	STROM HANSON NG	NW	18440	15320

Social. The proposed action allocates one area to wilderness, Twin Buttes, and 11 areas to nonwilderness. Livestock grazing is expected to decrease as a result of classification of Twin Buttes as wilderness. Effects would be significant to nine grazing permittees. If grazing decreases on the Twin Buttes unit are not accommodated elsewhere on the National Grasslands, these nine grazing permittees may have to adjust their ranching operations. If decreases can be accommodated elsewhere, there would be a period of adjustment in ranching communities until the change is integrated into ranching lifestyles. Changes in grazing are not expected to materially change community identity or social structure.

Oil and gas exploration around Twin Buttes would be more costly because directional drilling may concentrate such activities along the perimeter of the Twin Buttes area. Conflict with ranchers may further intensify because of increased use and congestion.

The remaining 11 areas are now managed under completed land use plans. Local people participated in development of these plans. Social effects of primary concern were taken care of at that time. There will be no significant social effects from areas left as nonwilderness. Wilderness allocation of Twin Buttes will increase a sense of loss of local control by residents who view the Federal Government as interfering in people's lives. Thus, the issue of the local vs. Federal control will likely be the focus of any debate.

Cultural and resource inventories and evaluations that comply with E.O. 11593 and the National Historic Preservation Act of 1966 have not been accomplished on the Twin Buttes Unit.

Economic. A summary of economic impacts for the proposed action is presented in the following table. These are national impacts and may or may not occur in North Dakota. All state impacts are allocated from the national totals and are based upon state resource changes. They are North Dakota's contribution to the national impact. For a complete description on how the impacts were calculated see Appendix W.

NORTH DAKOTA
SUMMARY OF ECONOMIC IMPACTS-ALTERNATIVE PA

A. EMPLOYMENT EFFECTS-CHANGE FROM PRESENT

INDUSTRIAL SECTOR	POTENTIAL IMMEDIATE	POTENTIAL LONG-TERM (FP AS NW)	POTENTIAL LONG-TERM (FP AS W)
AGRICULTURE	-1.	10.	10.
MINING	0.	0.	0.
CONSTRUCTION	0.	1.	1.
FOOD AND PRODUCTS	0.	1.	1.
TEXTILE AND APPAREL	0.	0.	0.
LOGGING AND SAWMILLS	0.	0.	0.
FURNITURE	0.	0.	0.
PULP AND PAPER	0.	0.	0.
PRINTING AND PUBLISHING	0.	0.	0.
CHEMICALS AND RUBBER	0.	0.	0.
PETROLEUM REFINING	0.	0.	0.
STONE CLAY AND GLASS	0.	0.	0.
PRIMARY METAL	0.	0.	0.
FERROUS METAL AND MACH	0.	0.	0.
ELECTRICAL	0.	0.	0.
ALL OTHER MFG	0.	0.	0.
TRANS COMM UTIL	0.	1.	1.
WHOLESALE	0.	1.	1.
RETAIL	0.	4.	4.
FIRE	0.	1.	1.
SERVICES	0.	4.	4.
TOTAL PRIVATE SECTOR	-2.	26.	26.

B. OTHER EFFECTS-CHANGE FROM PRESENT

CATEGORY	POTENTIAL IMMEDIATE	POTENTIAL LONG-TERM (FP AS NW)	POTENTIAL LONG-TERM (FP AS W)
INCOME (SMILLION)	0.	0.	0.
OUTPUT (SMILLION)	0.	1.	1.
VALUE ADDED (SMILLION)	0.	1.	1.
POPULATION	-5.	68.	68.

RESOURCE OUTPUTS WITH THE PROPOSED ACTION

NORTH DAKOTA

UNIT	TOTAL INVENTORY		OUTPUT-FP as NW		OUTPUT-FP as W	
	Present	Potential	Present Immediate Output	Potential Long-term Output	Present Immediate Output	Potential Long-term Output
Commercial Forest						
Land - (M acres)	0.0	0.0	0.0	0.0	0.0	0
Hardwood Saw-						
timber - (MMBF)	0.0	0.0	0.0	0.0	0.0	0
Hardwood						
Products - (MMCF)	0.0	0.0	0.0	0.0	0.0	0
Softwood Saw-						
timber - (MMBF)	0.0	0.0	0.0	0.0	0.0	0
Softwood						
Products - (MMCF)	0.0	0.0	0.0	0.0	0.0	0
Developed Rec.						
Picnicking -(MRVD)	0.0	0.0	0.0	0.0	0.0	0
Camping -(MRVD)	0.0	0.0	0.0	0.0	0.0	0
Skiing -(MRVD)	0.0	0.0	0.0	0.0	0.0	0
Water -(MRVD)	0.0	0.0	0.0	0.0	0.0	0
Unbuilt -(MRVD)	-	0.0	-	0.0	-	-
Dispersed Rec.						
Motor -(MRVD)	1.2	1.5	1.1	1.4	1.1	1.4
Nonmotor -(MRVD)	11.3	17.9	11.6	17.9	11.6	17.9
Big Game						
Hunting -(MRVD)	4.4	4.4	4.4	4.4	4.4	4.4
Small Game						
Hunting -(MRVD)	5.4	7.4	5.4	7.3	5.4	7.3
Nonhunting						
-(MRVD)	1.2	1.2	1.2	1.2	1.2	1.2
Fishing						
-(MRVD)	1.2	1.9	1.2	1.9	1.2	1.9
Grazing						
Cattle - (AUM)	65,104	75,416	64,156	74,232	64,156	74,232
Sheep - (AUM)	0	0.0	0	0.0	0.0	0
Common - (AUM)	0	0.0	0	0.0	0.0	0

S T A T E : NORTH DAKOTA

AREA CODE	A R E A N A M E	WARS RATNG	OURS RATNG	GRAZING ALI	POTEN YTELL SAWTMR	PROGRAM HARVEST SAWTMR	DISPER REC MOTOR	DISPER REC NONMOT	HARD ROCK MINRL RATNG	OIL AND GAS RATNG	URAN RATNG	COAL RATNG	GEO- THERM PATNG	LOW VALUE BULK RATNG
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4-2A		0-15		AUM	MMBF	MMRF	MKVD	MRVD	0-100	0-100	0-100	0-100	0-100	0-100
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NATIONAL FOREST: CUSTER N.F.														
LIDAK	HELL LAKE NG	15	0	3461	.0	.0	.1	.7	0	95	0	0	0	23
LIDAO	CHENEY CREEK NG	14	0	4090	.0	.0	.1	.4	0	98	0	0	0	85
LIDAP	MORSE CREEK NG	13	15	5683	.0	.0	.1	.8	0	99	0	0	0	85
LIDAU	TWIN BUTTES NG	10	15	3020	.0	.0	.1	.5	0	95	0	0	0	43
LIDAX	LONE BUTTE NG	15	15	3221	.0	.0	.1	.7	0	95	0	0	0	12
LIDAY	BENNETT-COTTONWOOD NG	10	0	5367	.0	.0	.1	1.0	0	95	0	0	0	12
LIDRB	MAGPIE NG	16	15	10612	.0	.0	.1	2.0	0	100	0	0	0	17
LIDRD	ASH COULEE NG	16	15	8969	.0	.0	.1	2.0	0	98	0	0	0	18
LIDRE	WANNAGAN NG	14	11	2010	.0	.0	.1	.3	0	95	0	0	0	11
LIDRI	KINLEY PLATEAU NG	17	15	5274	.0	.0	.1	1.0	0	95	0	90	0	23
LIDRJ	HILLION BUTTE NG	15	15	8133	.0	.0	.1	1.0	0	95	80	90	0	35
LIDRL	STEIN MANSUN NG	13	15	4258	.0	.0	.1	.9	0	95	0	0	0	44

