

Section 5 **Appendices**

- Appendix A Memorandum of Understanding between The Rocky Mountain Region, National Park Service and the Northern, Rocky Mountain, and Intermountain Regions, Forest Service.
- Appendix B Key Legislation pertaining to management of National Parks and National Forests.
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- Appendix D Numerical data supporting charts contained in the Aggregation.

Appendix A

MEMORANDUM OF UNDERSTANDING

between

The Rocky Mountain Region

NATIONAL PARK SERVICE

and

*The Northern, Rocky Mountain,
and Intermountain Regions*

FOREST SERVICE

In recognition of the Agencies' tradition of public service and responsible land management, to assure the perpetuation and enhancement of integrated resource management, and to affirm the intent to continue to serve the public interest through mutual cooperation and coordination, the Rocky Mountain Region of the National Park Service and the Northern, Rocky Mountain, and Intermountain Regions of the Forest Service enter jointly into this agreement. The agreement affirms support of the 1964 Memorandum of Understanding and the December 16, 1985, letter endorsed by the Director of the National Park Service and the Chief of the Forest Service. It is also a document to facilitate subsequent agreements among field units of both Agencies.

As steps toward meeting the intent of the Memorandum of Understanding and to provide better service to the public, we agree to work together to:

1. Capitalize on the differences in mission and authorities between the two Agencies to achieve in combination a higher level of public service than could be obtained separately.
2. Reinforce existing coordination mechanisms, which are the Greater Yellowstone Coordinating Committee (GYCC) and the Interagency Grizzly Bear Committee (IGBC); and to develop new methods when necessary.
3. Encourage cooperation at the field level of both Agencies.
4. Identify, evaluate, and consult on issues and on potentially conflicting policies, while retaining Agency decision authorities.
5. Discuss issues and if possible resolve disagreements within the Agencies, refraining from prematurely and/or unilaterally exciting public controversy.

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6. Jointly develop research and monitoring procedures on activities that could affect common goals.
7. Encourage field units to develop and implement cooperative projects and studies designed to achieve common goals.
8. Develop a joint strategy for public information and education throughout the Regions.
9. Encourage joint public and interagency participation activities on shared issues.
10. Coordinate planning and land management strategies within applicable statutes.
11. Conduct periodic evaluations of plans and policies to promote consistency and to avoid unexplainable differences.
12. Coordinate schedules for development, update, and maintenance of appropriate management plans.
13. Develop and implement techniques to improve compatibility of data bases and information systems.
14. Encourage the exchange of employees among agencies for conferences, agency meetings, details, or longer term assignments.

We agree that progress on the items identified in this memorandum will be among the subjects of an annual meeting of the Regional Director of the Park Service and the three Regional Foresters. Other issues or new items may be added as a result of the meeting.

This memorandum will become effective as soon as it is signed by all parties and will continue until terminated by any party after 30 days notice in writing to the others of the intention to end this memorandum.

/s/Jack Neckels 9/24/86

Acting Regional Director
Rocky Mountain Region
USDI, National Park Service

/s/J. S. Tixier 9/24/86

Regional Forester
Intermountain Region
USDA, Forest Service

/s/Gary E. Cargill 9/24/86

Regional Forester
Rocky Mountain Region
USDA, Forest Service

/s/James C. Overbay 9/24/86

Regional Forester
Northern Region
USDA, Forest Service

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Appendix B

Key Legislation Pertaining to Management of National Forests and National Parks.

Listed below are the key Legislation and Executive Orders that provide guidance for management of National Forests and National Parks.

Airport and Airway Development Act of 1970, P.L. 91-258, 49 U.S.C. 1716

American Folklife Preservation Act of 1976, P.L. 94-201, 89 Stat. 1130, 20 U.S.C. 2101-2107

American Indian Religious Freedom Act, P.L. 95-341, 42 U.S.C. 1996

An Act to Improve the Administration of the National Park System, 16 U.S.C. 1a7

Anadromous Fish Conservation Act, 16 U.S.C. 757a

Analysis of Impacts of Prime or Unique Agricultural Lands in Implementing the National Environmental Policy Act, E.S. 80-3, 8/11/80, 45 F.R. 59109

Antiquities Act of 1906, P.L. 59-209, 34 Stat. 225, 16 U.S.C. s 432

Archeological and Historic Preservation Act of 1974, P.L. 93-291

Archeological Resources Protection Act, P.L. 96-95, 93 Stat. 712, 16 U.S.C. s 470aa et seq.

Architectural Barriers Act of 1968, P.L. 90-480, 82 Stat. 718, 42 U.S.C. s 4151 et seq.

Bald and Golden Eagle Protection Act, 16 U.S.C. 668

Clarke-McNary Act of 1924, Ch. 2, 30 Stat. 11, as amended; 16 U.S.C. 473 et seq.

Clean Air Act as amended, P.L. 88-206, 42 U.S.C. s 7401 et seq.

Coastal Zone Management Act of 1972, P.L. 92-583, 16 U.S.C. 1451 et seq.

Concessions Policy Act of 1965, P.L. 89-249, 16 U.S.C. 20 et seq.

Department of Transportation Act of 1966, P.L. 89-670, 49 U.S.C. 1651 et seq.

Disposal of Materials on Public Lands, 30 U.S.C. 601-604

Endangered Species Act of 1973, as amended, P.L. 93-205, 87 Stat. 884, 16 U.S.C. 1531 et seq.

Energy Supply and Environmental Coordination Act of 1974, P.L. 93-319, 42 U.S.C. 1857-1 et seq.

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Estuary Protection Act, P.L. 90-454, 16 U.S.C. 1221

Executive Order 11593: Protection and Enhancement of the Cultural Environment, 36 F.R. 8921

Executive Order 11870: Environmental Safeguards on Activities for Animal Damage Control on Federal Lands, 40 FR 30611

Executive Order 11987: Exotic Organisms, 42 FR 26407

Executive Order 11988: Floodplain Management, 42 FR 26951, 3 CFR 121 (Supp 177)

Executive Order 11990: Protection of Wetlands, 42 FR 26961, 3 CFR 121 (Supp 177)

Executive Order 11989 (42 FR26959) and 11644: Off-road Vehicles on Public Lands

Executive Order 11991: Protection and Enhancement of Environmental Quality

Executive Order 12003: Energy Policy and Conservation, 3 CFR 134 (Supp 1977), 42 U.S.C. 2601

Executive Order 12088: Federal Compliance with Pollution Control Standards

Executive Order 12372: Intergovernmental Review of Federal Programs, 47 FR 30959

Federal Environmental Pesticide Control Act of 1972, P.L. 92-516, 7 U.S.C. 135 et seq.

Federal Land Policy and Management Act of 1976, P.L. 94-579, 90 Stat. 2743, as amended; 43 U.S.C. 1701 et seq.

Federal Power Act, 16 U.S.C. 823a

Federal Water Pollution Control Act (commonly referred to as the Clean Water Act), P.L. 92-500, 33 U.S.C. 9 s 1251 et seq.

Federal Water Project Recreation Act, 16 U.S.C. 4601-12 to 4601-21

Fish and Wildlife Coordination Act, as amended, P.L. 85-624, 16 U.S.C. 661 et seq.

Forest Highways Act of 1958, P.L. 85-767, 72 Stat. 885; 23 U.S.C. 201 et seq.

Forest and Rangeland Renewable Resources Planning Act of 1974, P.L. 93-378, 88 Stat. 476 as amended; 16 U.S.C. 1601 et seq.

Forest and Rangeland Renewable Resources Research Act of 1978, P.L. 95-307, 92 Stat. 353, as amended; 16 U.S.C. 1600 et seq.

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Freedom of Information Act, P.L. 93-502, 5 U.S.C. 552 et seq.

General Authorities Act of 1970, as amended, P.L. 94-458, 16 U.S.C. 1a1 et seq.

Geothermal Steam Act of 1970, 30 U.S.C. 1001-1025

Granger-Thye Act of 1950, Ch. 97, 64 Stat. 82; 16 U.S.C. 490, et seq.

Historic Preservation Act of 1966, P.L. 89-665, 80 Stat. 915; 16 U.S.C. et seq.

Historic Sites Act, 44 Stat. 666, 16 U.S.C. ss 461, 462

Interagency Consultation to Avoid or Mitigate Adverse Effects on Rivers in the Nationwide Inventory, 45 FR 59189, 8/15/80, E.S. 80-2

Intergovernmental Coordination Act of 1969, 42 U.S.C. 4101, 4231, and 4233

Intergovernmental Cooperation Act of 1968, P.L. 90-577, 40 U.S.C. 4201

Knutson-Vandenberg Act of 1930, Ch. 416, 46 Stat. 527, as amended; 16 U.S.C. 576-576b.

Land and Water Conservation Fund Act of 1965, P.L. 88-578, 16 U.S.C. 460 1-8(f)

Marine Mammal Protection Act, P.L. 92-552, 16 U.S.C. 1361 et seq.

Marine Protection, Research, and Sanctuaries Act of 1972, P.L. 92-532, 16 U.S.C. 1361 et seq.

Mining Act of 1872, 30 U.S.C. 22

Mining Activity Within National Park Service Areas, P.L. 94-429, 16 U.S.C. 1901 et seq.

Multiple-Use Sustained Yield Act of 1960, P.L. 86-517, 74 Stat. 215; 16 U.S.C. 528 et seq.

National Environmental Policy Act of 1969, P.L. 91-190, 42 U.S.C. 4321 et seq.

National Forest Management Act of 1976, P.L. 94-588, 90 Stat. 249, as amended; 16 U.S. C. 472a et seq.

National Historic Preservation Act, P.L. 89-565, 80 Stat. 915, 16 U.S.C. s 470 et seq.

National Park System Final Procedures for Implementing E.O. 11988 and 11990 (45 FR 35916 as revised by 47 FR 36718)

National Trails System Act, P.L. 90-543, 16 U.S.C. 1241 to 1249

National Trust Act of 1949, P.L. 81-408, 63 Stat. 927

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Noise Control Act of 1972, as amended, P.L. 92-574, 42 U.S.C. 4901, et seq.

Occupancy Permits Act of 1915, Ch. 144, 38 Stat. 1086, as amended; 16 U.S.C. 497.

Organic Administration Act of 1897, Ch. 2, 30 Stat. 11, as amended; 16 U.S.C. 473 et seq.

Outer Continental Shelf Lands Act, 43 U.S.C. 1331-1356

Payment in Lieu of Taxes Act, P.L. 94-565, 31 U.S.C. 1601 et seq.

Protection of Historic and Cultural Properties, 36 CFR Part 800, 44 FR 6068

Public Buildings Cooperative Use Act of 1976, P.L. 94-541, 90 Stat. 2505

Public Rangelands Improvement Act of 1978, P.L. 95-514, 92 Stat. 1806; 43 U.S.C. 1752 et seq.

Rehabilitation Act of 1973, P.L. 93-112, 87 Stat. 357, 29 U.S.C. s 701 et seq. as amended by the Rehabilitation Act Amendments of 1974, 88 Stat. 1617

Reservoir Salvage Act of 1960, P.L. 67-523, 74 Stat. 220, 16 U.S.C. 469-469c

Resource Conservation and Recovery Act, P.L. 94-580, 52 U.S.C. 6901

Safe Drinking Water Act, P.L. 93-523, 42 U.S.C. s 300f et seq.

Sisk Act of 1967, P.L. 90-171, 81 Stat. 531, as amended; 16 U.S.C. 484a

Small Tracts Act of 1983, P.L. 97-465, 96 Stat. 2535; 16 U.S.C. 521c-521i

Surface Mining Control and Reclamation Act, P.L. 95-87, 30 U.S.C. 1201

Surface Transportation Assistance Act of 1982, 96 Stat. 2097, 15 U.S.C. 713c - 3, et seq.

The Act of August 25, 1916, National Park Service Organic Act, P.L. 64-235, 16 U.S.C. ss 1, 2-4, as amended

Toxic Substances Control Act, P.L. 94-469, 15 U.S.C. 2601

Twenty-five Percent Fund Act of 1908, Ch. 192, 35 Stat. 251, as amended; 16 U.S.C. 500; 16 U.S.C. 553; 31 U.S.C. 534

Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, P.L. 91-646, 42 U.S.C. 4651 et seq.

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Watershed Protection and Flood Prevention Act, 16 U.S.C. 1001, 68 Stat. 666; P.L. 92-419, 86 Stat. 667

Water Resources Planning Act of 1965, P.L. 89-80, 42 U.S.C. 1962 et seq., and Water Resource Council's Principles and Standards, 44 FR 723977

Weeks Law Act of 1911, Ch. 186, 36 Stat. 961 as amended; 16 U.S.C. 480 et seq.

Wilderness Act of 1964, P.L. 88-577, 16 U.S.C. 1311 et seq.

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Appendix C

Management Plans for Forests and Parks

The plans listed below provide the general framework for management of National Parks and National Forest within the Greater Yellowstone Area. In addition to these plans, Forests and Parks may also have a variety of functional or operational plans that provide detailed direction for a specific activity or resource.

Master Plan, Grand Teton National Park, Wyoming, March, 1976.

General Management Plan, John D. Rockefeller Jr. Memorial Parkway, November, 1980.

Master Plan, Yellowstone National Park, Wyoming, June, 1974.

Forest Plan, Custer National Forest, October, 1986; Record of Decision, May, 1987.

Forest Plan, Beaverhead National Forest, April, 1986.

Forest Plan, Gallatin National Forest, August, 1987 (estimated date for final).

Bridger-Teton National Forest Proposed Land and Resource Management Plan, October, 1986 (draft).

Land Management Plan for the Targhee National Forest, October, 1985.

Land and Resource Management Plan, Shoshone National Forest, February, 1986.

Appendix D

The following tables display numerical data for graphs shown in the Aggregation. To facilitate comparisons, tables are cross-referenced to the applicable chart number that identifies the graph in the text.

Introduction

Economy of the Greater Yellowstone Area

Income and employment from sources directly associated with forests and parks. (Chart 1)

Sources	Income in Millions of Dollars	Employment in Person Years
Timber	41.5	1,884
Range	30.1	1,254
Dispersed Motorized Recreation	151.3	9,898
Dispersed Nonmotorized Recreation	11.9	771
Big Game Hunting	9.8	615
Small Game Hunting	1.6	86
Fishing	8.9	539
Skiing	33.6	2,413
Minerals	11.3	498
TOTAL	300.0	17,958

Land Ownership

Acres in National Forests, Parks and Wildlife Refuges contained within the Aggregation. (Chart 2)

Unit	Thousands of Acres
Unit	Total Area
Beaverhead N.F.	426.8
Bridger-Teton N.F.	2,740.8
Custer N.F.	517.5
Gallatin N.F.	1,735.4
Shoshone N.F.	2,223.9
Targhee N.F.	1,477.2
Grand Teton N.P.	345.6
Yellowstone N.P.	2,221.7
National Elk Refuge	24.3
Red Rock Lakes Wildlife Refuge	40.2
TOTAL	11,753.4

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Management Activities - Past and Planned

Management Areas/Zones

Management areas/zones. (Chart 3)

Unit	Thousands of Acres					
	Wilderness	Rec. Wild.	Wilderness Study, W&S River	Dev. Rec.	Disp. Rec.	Range, Minerals, Wildlife, Disp. Rec.
Beaverhead N.F.	101.4	4.5		3.4	23.9	197.3
Bridger-Teton N.F.	1,190.3		127.9	47.7	408.4	
Custer N.F.	339.8	5.7		2.6	19.6	25.0
Gallatin N.F.	713.7	21.9	3.3	38.7	100.8	77.3
Shoshone N.F.	1,277.1		14.7	6.0	24.7	49.4
Targhee N.F.	131.8	16.4	91.4	76.3		296.6
National Elk Refuge						
Red Rock Lakes Wildlife Refuge	32.4					
TOTAL	3,786.5	48.5	237.3	174.7	577.4	645.6

Management areas/zones. (Continued - Chart 3)

Unit	Timber, Range, Minerals	Timber, Range, Minerals, Wildlife, Disp. Rec.	Timber Wildlife Disp. Rec.	Wildlife Disp. Rec.	Other
Beaverhead N.F.		47.8	26.4	18.4	
Bridger-Teton N.F.		166.2	433.6	366.7	
Custer N.F.	34.2		53.6	20.0	17.0
Gallatin N.F.	83.9	53.0	182.7	460.1	
Shoshone N.F.		682.2	13.7	156.1	
Targhee N.F.		354.1	199.6	320.7	
National Elk Refuge				24.3	
Red Rock Lakes Wildlife Refuge				7.8	
TOTAL	118.1	1,303.3	909.6	1,374.1	17.0

Unit	Wilderness Subzone	Natural Environment Subzone	Special Use, Historic, and Development Zones
Grand Teton N.P.	159.3	147.2	39.1
Yellowstone N.P.	2,016.2	205.5	39.1
TOTAL	2,175.5	352.7	78.2

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Transportation and Administrative Facilities

Roads - existing, planned, and restrictions to use. (Chart 4)

Unit	Miles		
	Open Existing/Planned	Closed Existing/Planned	Seasonal or Restrictions Existing/Planned
Beaverhead N.F.	223 / 232	56 / 59	115 / 115
Bridger-Teton N.F.	720 / 743	552 / 626	540 / 540
Custer N.F.	131 / 133		
Gallatin N.F.	162 / 176	21 / 303	624 / 624
Shoshone N.F.	1,250 / 1,271	326 / 412	50 / 44
Targhee N.F.	1,350 / 1,354	420 / 521	56 / 56
Grand Teton N.P.	192 / 192	3 / 3	95 / 95
Yellowstone N.P.	331 / 331		276 / 276
National Elk Refuge	3 / 3	18 / 18	35 / 35
Red Rock Lakes Wildlife Refuge	23 / 23		8 / 8
TOTAL	4,385 / 4,458	1,396 / 1,942	1,799 / 1,793

Trails - existing, planned, and type of use. (Chart 5)

Unit	Miles		
	Motorized Existing/Planned	Horse and Foot Existing/Planned	Winter Existing/Planned
Beaverhead N.F.	86 / 86	110 / 110	120 / 120
Bridger-Teton N.F.	800 / 800	1,304 / 1,304	128 / 128
Custer N.F.	126 / 126	178 / 178	27 / 30
Gallatin N.F.	434 / 434	850 / 850	159 / 159
Shoshone N.F.	205 / 205	687 / 687	125 / 125
Targhee N.F.	662 / 662	351 / 351	518 / 518
Grand Teton N.P.		163 / 163	
Yellowstone N.P.		1,000 / 1,000	247 / 247
National Elk Refuge		.5 / .5	
Red Rock Lakes Wildlife Refuge			
TOTAL	2,313 / 2,313	4,643.5 / 4,643.5	1,324 / 1,327

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Recreation

Capacity and use of developed recreation facilities. (Chart 6)

Unit	Thousands of RVD's	Thousands of PAOT's
Beaverhead N.F.	20.4	.2
Bridger-Teton N.F.	310.3	8.9
Custer N.F.	95.0	1.5
Gallatin N.F.	262.0	5.9
Shoshone N.F.	264.5	3.6
Targhee N.F.	358.9	6.7
Grand Teton N.P.	1,065.6	23.0
Yellowstone N.P.	6,608.0	35.0
National Elk Refuge	2.0	.1
Red Rock Lakes Wildlife Refuge	1.0	.04
TOTAL	8,987.7	84.94

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Motorized Vehicle Use - existing and planned. (Chart 7)

Unit	Thousands of Acres		
	Open to all Existing/Planned	Closed to all Existing/Planned	Closed to all except Snowmobiles Existing/Planned
Beaverhead N.F.		138.8 / 138.8	
Bridger-Teton N.F.	966.3 / 878.3	1,066.0 / 1,032.7	699.3 / 274.8
Custer N.F.	159.5 / 121.5	346.2 / 363.5	1.0 / 4.4
Gallatin N.F.	555.1 / 530.1	834.7 / 860.8	
Shoshone N.F.		1,350.3 / 1,350.3	
Targhee N.F.	844.3 / 844.3	254.5 / 270.1	39.2 / 23.6
Grand Teton N.P.		327.6 / 327.6	18.0 / 18.0
Yellowstone N.P.		2,221.7 / 2,221.7	
National Elk Refuge			
Red Rock Lakes Wildlife Refuge		2.2 / 2.2	
TOTAL	2,525.2 / 2,374.2	6,542.0 / 6,567.7	757.5 / 320.8

Motorized Vehicle Use - existing and planned. (Continued - Chart 7)

Unit	Thousands of Acres	
	Seasonal or Other Restrictions to Motorized Use Existing/Planned	Travel Restricted to Designated Routes Existing/Planned
Beaverhead N.F.	288.0 / 288.0	
Bridger-Teton N.F.	6.3 / 21.3	2.9 / 533.7
Custer N.F.		10.8 / 28.1
Gallatin N.F.	187.1 / 187.1	158.5 / 157.4
Shoshone N.F.	39.3 / 39.3	834.3 / 834.3
Targhee N.F.	44.8 / 44.8	294.4 / 294.4
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		24.3 / 24.3
Red Rock Lakes Wildlife Refuge	2.1 / 2.1	35.9 / 35.9
TOTAL	567.6 / 582.6	1,361.1 / 1,908.1

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Cultural Resource

Amount and types of cultural resources. (Chart 8)

Unit	Prehistoric	Historic
Beaverhead N.F.	30	18
Bridger-Teton N.F.	150	69
Custer N.F.	120	5
Gallatin N.F.	3	97
Shoshone N.F.	106	104
Targhee N.F.	194	96
Grand Teton N.P.	142	267
Yellowstone N.P.	280	937
National Elk Refuge	7	1
Red Rock Lakes Wildlife Refuge	6	
TOTAL	1,038	1,594

Management action planned for cultural resources. (Chart 9)

Unit	Prehistoric Existing/Planned	Historic Existing/Planned
Beaverhead N.F.		
Bridger-Teton N.F.		
Custer N.F.	120 /	/ 6
Gallatin N.F.		
Shoshone N.F.	2 / 2	4 / 4
Targhee N.F.	/ 444	4 / 14
Grand Teton N.P.		326 / 356
Yellowstone N.P.	1 / 12	1,531 / 1,804
National Elk Refuge	7 /	1 /
Red Rock Lakes Wildlife Refuge	6 /	
TOTAL	136 / 458	1,866 / 2,184

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Land Ownership Adjustment

Potential land easements, acquisitions, and disposals. (Chart 10)

Unit	Thousands of Acres		
	Potential Acquisition	Potential Easement	Potential Disposal
Beaverhead N.F.	3.2		
Bridger-Teton N.F.	2.6	5.6	
Custer N.F.	.2		
Gallatin N.F.	4.5	1.4	4.0
Shoshone N.F.	4.9	.2	.2
Targhee N.F.	19.0	.3	7.0
Grand Teton N.P.	1.6	1.9	
Yellowstone N.P.	.02		
National Elk Refuge			
Red Rock Lakes Wildlife Refuge	3.0		
TOTAL	39.02	9.4	11.2

Special Uses and Concessions

Existing special uses and annual applications. (Chart 11)

Unit	Recreational	Non-recreational	Applications
Beaverhead N.F.	37	64	15
Bridger-Teton N.F.	332	422	15
Custer N.F.	136	51	15
Gallatin N.F.	288	244	2
Shoshone N.F.	104	210	8
Targhee N.F.	250	200	50
Grand Teton N.P.	40	26	50
Yellowstone N.P.	104	118	250
National Elk Refuge	5	10	1
Red Rock Lakes Wildlife Refuge	1	9	10
TOTAL	1,297	1,354	416

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Wilderness and Undeveloped Lands

Wilderness and other undeveloped areas - existing and planned. (Chart 12)

Unit	Thousands of Acres		
	Wilderness Existing and Planned	Recommended Wilderness, Wilderness Study Existing/Planned	Undeveloped Areas Existing/Planned
Beaverhead N.F.	101.4	4.5 / 4.5	211.6 / 26.7
Bridger-Teton N.F.	1,190.3	127.9 / 127.9	1,004.5 / 1,004.5
Custer N.F.	339.8	/ 5.7	
Gallatin N.F.	713.7	25.2 / 25.2	379.0 / 374.4
Shoshone N.F.	1,277.1	14.7 / 14.7	432.5 / 133.2
Targhee N.F.	131.8	101.8 / 101.8	474.1 / 387.6
Grand Teton N.P.		159.3 / 159.3	114.3 / 114.3
Yellowstone N.P.		2,016.2 / 2,016.2	
National Elk Refuge			24.3 / 24.3
Red Rock Lakes Wildlife Refuge	32.4		7.8 / 7.8
TOTAL	3,786.5	2,449.6 / 2,455.3	2,648.1 / 2,072.8

Wilderness and other undeveloped areas - existing and planned. (Continued - Chart 12)

Unit	Thousands of Acres
	Other Existing/Planned
Beaverhead N.F.	3.7 / 3.7
Bridger-Teton N.F.	/ 20.0
Custer N.F.	
Gallatin N.F.	43.3 / 43.3
Shoshone N.F.	28.8 / 36.2
Targhee N.F.	
Grand Teton N.P.	
Yellowstone N.P.	
National Elk Refuge	
Red Rock Lakes Wildlife Refuge	
TOTAL	75.8 / 103.2

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Range Lands and Grazing

Condition of domestic livestock range. (Chart 13)

Thousands of Acres - Existing/Planned

Unit	Excellent	Good	Fair	Poor	Very Poor
Beaverhead N.F.	14.0 / 14.0	85.0 / 95.0	42.0 / 32.0		
Bridger-Teton N.F.	85.9 / 90.0	297.2 / 318.1	206.1 / 207.2	56.1 / 31.7	2.2 / .5
Custer N.F.		13.2 / 16.5	6.6 / 3.5	.2 / 0	
Gallatin N.F.	14.4 / 14.4	126.7 / 130.8	38.8 / 37.8	3.1 / 0	
Shoshone N.F.	23.4 / 23.4	90.5 / 90.5	192.1 / 192.1	57.4 / 57.4	5.4 / 5.4
Targhee N.F.	181.3 / 185.5	475.7 / 482.7	271.0 / 265.5	30.6 / 27.6	1.6 / .7
Grand Teton N.P.		27.4 / 27.4			
Yellowstone N.P.					
National Elk Refuge					
Red Rock Lakes					
Wildlife Refuge	3.4 / 11.6	16.2 / 11.0	6.0 / 3.0		
TOTAL	322.4 / 338.9	1,131.9 / 1,171.1	762.6 / 741.1	147.4 / 116.7	9.2 / 6.6

Acres open and closed to domestic livestock grazing. (Chart 14)

Thousands of Acres

Unit	Cattle and Horse	Sheep	Closed
Beaverhead N.F.	288.2	46.3	92.3
Bridger-Teton N.F.	1,310.4	452.2	978.2
Custer N.F.	69.8		447.7
Gallatin N.F.	604.8	152.9	977.7
Shoshone N.F.	885.8	79.7	1,258.4
Targhee N.F.	451.5	745.8	279.9
Grand Teton N.P.	33.3		312.3
Yellowstone N.P.			2,221.7
National Elk Refuge			24.3
Red Rock Lakes			
Wildlife Refuge	28.4		11.8
TOTAL	3,672.2	1,476.9	6,604.3

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Amount of livestock grazing provided. (Chart 15)

Unit	Thousands of AUM's		
	Cattle and Horse Existing/Planned	Sheep Existing/Planned	Recreation Livestock Existing/Planned
Beaverhead N.F.	40.0 / 40.0	3.2 / 3.2	.08 / .08
Bridger-Teton N.F.	132.4 / 135.4	40.2 / 41.2	1.7 / 2.2
Custer N.F.	15.0 / 16.0		.04 / .04
Gallatin N.F.	26.7 / 29.6	2.5 / 3.1	.8 / .9
Shoshone N.F.	62.8 / 78.0	2.9 / 5.0	4.0 / 6.0
Targhee N.F.	78.2 / 78.5	38.5 / 38.2	.3 / .6
Grand Teton N.P.	7.7 / 7.7		
Yellowstone N.P.			
National Elk Refuge			
Red Rock Lakes Wildlife Refuge	5.0 / 5.0		
TOTAL	367.8 / 390.2	87.3 / 90.7	6.89 / 9.82

Structural range improvements - existing and planned. (Chart 16)

Unit	Structures ¹	
	Existing	Planned
Beaverhead N.F.	701	215
Bridger-Teton N.F.	575	254
Custer N.F.	121	12
Gallatin N.F.	421	92
Shoshone N.F.	591	82
Targhee N.F.	841	58
Grand Teton N.P.	84	
Yellowstone N.P.	11	
National Elk Refuge		
Red Rock Lakes Wildlife Refuge	111	2
TOTAL	3,456	715

¹ One mile of fence is counted as one structure.

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Non-structural range improvements - existing and planned. (Chart 17)

Thousands of Acres

Unit	Existing	Planned
Beaverhead N.F.	22.6	3.9
Bridger-Teton N.F.	9.3	14.6
Custer N.F.	.3	1.2
Gallatin N.F.	2.9	1.5
Shoshone N.F.	¹	3.9
Targhee N.F.	59.1	5.9
Grand Teton N.P.		
Yellowstone N.P.	.1	
National Elk Refuge		
Red Rock Lakes Wildlife Refuge	1.6	1.0
TOTAL	95.9	32.0

¹ Information is not available.

Noxious and Exotic, Weeds

Acres of noxious and exotic weeds. (Chart 18)

Acres

Unit	1975	1985
Beaverhead N.F.	2,303	4,803
Bridger-Teton N.F.	1,578	1,710
Custer N.F.	54	118
Gallatin N.	3,450	5,585
Shoshone N.F.		
Targhee N.F.	1,736	2,086
Grand Teton N.P.	1,023	1,627
Yellowstone N.P.	500	9,543
National Elk Refuge	150	300
Red Rock Lakes Wildlife Refuge	15	20
TOTAL	10,809	25,792

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Vegetation and Timber Management

Land classification by unit. (Chart 20)

Unit	Thousands of Acres		
	Forested	Nonforested	Water
Beaverhead N.F.	203.5	217.3	6.0
Bridger-Teton N.F.	1,879.2	850.6	11.0
Custer N.F.	109.6	402.9	5.0
Gallatin N.F.	1,119.5	603.3	12.6
Shoshone N.F.	584.4	1,627.8	11.7
Targhee N.F.	1,295.9	158.4	22.9
Grand Teton N.P.	131.7	182.9	31.0
Yellowstone N.P.	1,775.7	345.5	100.5
National Elk Refuge	3.8	20.2	.3
Red Rock Lakes Wildlife Refuge	3.9	17.0	19.3
TOTAL	7,107.2	4,425.9	220.3

Vegetation classification. (Chart 21)

Unit	Thousands of Acres					
	Douglas- fir	Engelmann Spruce	Lodge- pole Pine	White- bark Pine	Aspen	Non- forested ¹
Beaverhead N.F.	19.2	7.5	174.5	2.3		217.3
Bridger-Teton N.F.	122.3	597.5	1,063.9	1.4	94.1	850.6
Custer N.F.			109.6			402.9
Gallatin N.F.	366.8	73.4	666.6	12.7		603.3
Shoshone N.F.	178.8	153.5	110.9	124.4	16.8	1,627.8
Targhee N.F.	667.6		537.4		90.9	158.4
Grand Teton N.P.	12.3	22.3	87.7	6.1	3.3	182.9
Yellowstone N.P.	89.9	85.6	1,533.5	62.1	4.6	345.5
National Elk Refuge	3.2		.6			20.2
Red Rock Lakes Wildlife Refuge	3.9					17.0
TOTAL	1,464.0	939.8	4,284.7	209.0	209.7	4,425.9

¹ Includes sub-alpine fir, barren lands and other nonforested areas.

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Tree age class - aspen. (Chart 22)

Thousands of Acres

Unit	Young		Old	
	Existing	Planned	Existing	Planned
Beaverhead N.F.				
Bridger-Teton N.F.	2.0	5.2	92.1	88.9
Custer N.F.				
Gallatin N.F.				
Shoshone N.F.	3.9	5.8	12.9	11.0
Targhee N.F.	13.8	25.7	77.1	65.2
Grand Teton N.P.			3.3	3.3
Yellowstone N.P.	1.3	1.3	3.3	3.3
National Elk Refuge				
Red Rock Lakes Wildlife Refuge				
TOTAL	21.0	38.0	188.7	171.7

Tree age class - spruce/fir. (Chart 23)

Thousands of Acres

Unit	Young		Old	
	Existing	Planned	Existing	Planned
Beaverhead N.F.	.6	.6	26.1	26.1
Bridger-Teton N.F.	15.0	18.5	705.1	701.6
Custer N.F.				
Gallatin N.F.	2.1	8.0	438.1	432.2
Shoshone N.F.	1.0	7.2	331.3	325.1
Targhee N.F.	45.2	52.0	622.4	615.6
Grand Teton N.P.	3.7	3.7	30.9	30.9
Yellowstone N.P.			175.5	175.5
National Elk Refuge			3.2	3.2
Red Rock Lakes Wildlife Refuge			3.9	3.9
TOTAL	67.6	90.0	2,336.5	2,314.1

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Tree age class - pine. (Chart 24)

Thousands of Acres

Unit	Young		Old	
	Existing	Planned	Existing	Planned
Beaverhead N.F.	30.4	30.4	146.4	146.4
Bridger-Teton N.F.	15.2	32.1	1,050.1	1,033.2
Custer N.F.	135.3	135.3	59.1	59.1
Gallatin N.F.	27.8	39.5	651.5	639.8
Shoshone N.F.	3.0	11.5	232.3	223.8
Targhee N.F.	133.4	267.1	400.7	267.0
Grand Teton N.P.	4.3	4.3	89.5	89.5
Yellowstone N.P.	100.7	100.7	1,336.0	1,336.0
National Elk Refuge			.6	.6
Red Rock Lakes Wildlife Refuge				
TOTAL	450.1	620.9	3,966.2	3,795.4

Western spruce budworm activity. (Chart 25)

Thousands of Acres

Unit	Low Intensity	Moderate Intensity	High Intensity
Beaverhead N.F.	42.0	25.0	10.0
Bridger-Teton N.F.	5.9	343.9	14.2
Custer N.F.	9.0	3.8	
Gallatin N.F.	192.0	25.0	5.0
Shoshone N.F.		182.1	
Targhee N.F.	265.4	543.2	125.3
Grand Teton N.P.	¹	¹	¹
Yellowstone N.P.	44.4	120.8	48.3
National Elk Refuge			
Red Rock Lakes Wildlife Refuge			
TOTAL	558.7	1,243.8	202.8

¹ Information is not available.

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Suitability of lands for timber production. (Chart 26)

Unit	Thousands of Acres	
	Suited	Not Suited
Beaverhead N.F.	54.6	204.1
Bridger-Teton N.F.	97.9	1,817.2
Custer N.F.	33.9	50.1
Gallatin N.F.	263.7	857.5
Shoshone N.F.	144.7	1,156.4
Targhee N.F.	910.6	377.5
Grand Teton N.P.		128.2
Yellowstone N.P.		1,664.3
National Elk Refuge		3.9
Red Rock Lakes Wildlife Refuge		4.6
TOTAL	1,505.4	6,263.8

Areas modified by timber production - existing and planned. (Chart 27)

Unit	Thousands of Acres		
	Douglas-Fir Existing/Planned	Engelmann Spruce Existing/Planned	Lodgepole Pine Existing/Planned
Beaverhead N.F.	1.4 / .5		4.2 / 1.6
Bridger-Teton N.F.	/ .6	1.6 / 3.0	3.8 / 2.1
Custer N.F.			.3 / .1
Gallatin N.F.	4.3 / 3.9		10.0 / 11.4
Shoshone N.F.	2.5 / 3.0	/ 11.5	22.0 / 8.9
Targhee N.F.	25.0 / 12.9		131.0 / 112.3
Grand Teton N.P.			
Yellowstone N.P.			
National Elk Refuge			
Red Rock Lakes Wildlife Refuge			
TOTAL	33.2 / 20.9	1.6 / 14.5	171.3 / 136.4

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Fire Management

Potential for high intensity fire. (Chart 28)

Unit	Thousands of Acres		
	Low	Medium	High
Beaverhead N.F.	167.0	250.1	9.7
Bridger-Teton N.F.	1,020.1	870.1	850.0
Custer N.F.	395.9	116.6	5.0
Gallatin N.F.	314.1	733.6	687.7
Shoshone N.F.	389.3	1,250.9	583.7
Targhee N.F.	389.7	778.3	309.2
Grand Teton N.P.	311.0	34.6	
Yellowstone N.P.	608.3	832.6	780.8
National Elk Refuge	9.7	14.6	
Red Rock Lakes Wildlife Refuge	31.7	8.5	
TOTAL	3,636.8	4,889.9	3,226.1

Fire suppression strategies. (Chart 29)

Unit	Thousands of Acres	
	Control	Confine, Contain, or Control
Beaverhead N.F.	5.7	421.1
Bridger-Teton N.F.	2,008.7	732.1
Custer N.F.	11.7	505.8
Gallatin N.F.	679.3	1,056.1
Shoshone N.F.		2,223.9
Targhee N.F.	285.0	1,192.2
Grand Teton N.P.	47.5	298.1
Yellowstone N.P.	95.1	2,126.6
National Elk Refuge	24.3	
Red Rock Lakes Wildlife Refuge	7.8	32.4
TOTAL	3,165.1	8,588.3

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Prescribed fire strategies. (Chart 29)

Unit	Thousands of Acres		
	Planned Ignition	Unplanned Ignition	Planned or Unplanned Ignition
Beaverhead N.F.	325.4	101.4	
Bridger-Teton N.F.	1,550.5	1,190.3	
Custer N.F.	177.7	339.8	
Gallatin N.F.	1,021.7	713.7	
Shoshone N.F.	946.8	1,277.1	
Targhee N.F.	842.7	133.8	500.7
Grand Teton N.P.	47.5	298.1	
Yellowstone N.P.	95.1	2,126.6	
National Elk Refuge	24.3		
Red Rock Lakes Wildlife Refuge	7.8		32.4
TOTAL	5,039.5	6,180.8	533.1

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Minerals and Energy

Land area leased or with lease applications. (Chart 31)

Unit	Thousands of Acres Leased/Applications		
	Oil and Gas	Geothermal	Phosphate
Beaverhead N.F.	41.0 / 8.0		
Bridger-Teton N.F.	844.0 / 18.6		
Custer N.F.	96.0 / 100.0		
Gallatin N.F.	55.8 / 9.1	/ .1	
Shoshone N.F.	661.0 / 21.0		
Targhee N.F.	374.0 / 111.0	/ 97.0	10.0 /
Grand Teton N.P.			
Yellowstone N.P.			
National Elk Refuge			
Red Rock Lakes Wildlife Refuge			
TOTAL	2,071.8 / 267.7	/ 98.0	10.0 /

Mining claims - active and inactive. (Chart 32)

Unit	Number of Claims	
	Active	Inactive
Beaverhead N.F.	566	35
Bridger-Teton N.F.	160	1,185
Custer N.F.	1,600	2,535
Gallatin N.F.	2,374	2,676
Shoshone N.F.	440	700
Targhee N.F.	84	461
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge		
TOTAL	5,224	7,592

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Mining claims and targeted minerals. (Chart 33)

Unit	Number of Claims			
	Gold	Gold, Silver	Platinum Paladium	Other Unknown
Beaverhead N.F.	260			341
Bridger-Teton N.F.	900			445
Custer N.F.			4,000	135
Gallatin N.F.	500	1,600	2,600	350
Shoshone N.F.	40			1,100
Targhee N.F.	400			145
Grand Teton N.P.				
Yellowstone N.P.				
National Elk Refuge				
Red Rock Lakes Wildlife Refuge				
TOTAL	2,100	1,600	6,600	2,516

Mineral leasing opportunities. (Chart 34)

Unit	Thousands of Acres			
	Withdrawn or No Leasing	Very Restrictive	Moderately Restrictive	Least Restrictive
Beaverhead N.F.	101.4	47.6	277.8	
Bridger-Teton N.F.	1,128.5	523.1		1,089.2
Custer N.F.	398.3	119.2		
Gallatin N.F.	870.0	500.2	365.2	
Shoshone N.F.	1,324.6	510.9	239.3	149.1
Targhee N.F.	633.2	283.5	489.8	70.7
Grand Teton N.P.	345.6			
Yellowstone N.P.	2,221.7			
National Elk Refuge	24.3			
Red Rock Lakes Wildlife Refuge	40.2			
TOTAL	7,087.8	1,984.5	1,372.1	1,309.0

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Wildlife and Fish

Elk and mule deer seasonal range. (Chart 35)

Unit	Thousands of Acres		
	Summer	Winter	Calving
Beaverhead N.F.	425.0	45.0	31.8
Bridger-Teton N.F.	345.9	212.1	229.9
Custer N.F.	31.9	33.5	4.1
Gallatin N.F.	1,057.3	513.2	¹
Shoshone N.F.	1,180.2	421.3	41.1
Targhee N.F.	757.5	103.8	236.5
Grand Teton N.P.	93.4		16.3
Yellowstone N.P.	2,000.0	221.7	281.1
National Elk Refuge	10.0	24.5	
Red Rock Lakes Wildlife Refuge	9.0		
TOTAL	5,910.2	1,575.1	840.8

¹ Information is not available.

Condition and trend of elk and mule deer range. (Chart 36)

Unit	Thousands of Acres				Trend	
	Condition		Poor	Improving	Stable	Declining
Good	Fair					
Beaverhead N.F.	456.9	13.1			467.2	2.8
Bridger-Teton N.F.	¹	¹	¹	¹	¹	¹
Custer N.F.	46.4	19.0		24.3	41.1	
Gallatin N.F.	1,491.7	78.8		129.9	1,440.6	
Shoshone N.F.	368.4 ²	52.9 ²			421.3 ²	
Targhee N.F.	657.7	197.2	6.2	119.7	699.3	42.1
Grand Teton N.P.	¹	¹	¹	¹	¹	¹
Yellowstone N.P.	2,209.5	12.2			2,221.7	
National Elk Refuge	34.5				34.5	
Red Rock Lakes Wildlife Refuge	9.0				9.0	
TOTAL	5,274.1	373.2	6.2	273.9	5,334.7	44.9

¹ Information is not available.

² Winter range only.

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White-tailed deer seasonal range. (Chart 37)

Unit	Thousands of Acres	
	Summer	Summer & Winter
Beaverhead N.F.	4.1	
Bridger-Teton N.F.		
Custer N.F.	11.0	
Gallatin N.F.	1.0	47.0
Shoshone N.F.	3.1	
Targhee N.F.		4.8
Grand Teton N.P.		
Yellowstone N.P.	39.0	
National Elk Refuge		
Red Rock Lakes Wildlife Refuge	6.4	
TOTAL	64.6	51.8

Condition and trend of white-tailed deer range. (Chart 38)

Unit	Thousands of Acres				Trend	
	Good	Fair	Poor	Improving	Stable	Declining
Beaverhead N.F.	4.1				4.1	
Bridger-Teton N.F.						
Custer N.F.	6.3	4.7		2.8	8.2	
Gallatin N.F.	¹	¹	¹	¹	¹	¹
Shoshone N.F.	¹	¹	¹	¹	¹	¹
Targhee N.F.	4.8				4.8	
Grand Teton N.P.						
Yellowstone N.P.						
National Elk Refuge						
Red Rock Lakes Wildlife Refuge	6.4				6.4	
TOTAL	21.6	4.7	0	2.8	23.5	0

¹ Information is not available.

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Mountain goat seasonal range. (Chart 39)

Unit	Thousands of Acres		
	Summer	Winter	Summer & Winter
Beaverhead N.F.		3.0	59.0
Bridger-Teton N.F.			
Custer N.F.	5.9	14.9	58.2
Gallatin N.F.			159.4
Shoshone N.F.	3.6	8.9	1.0
Targhee N.F.			22.4
Grand Teton N.P.			
Yellowstone N.P.			
National Elk Refuge			
Red Rock Lakes Wildlife Refuge			
TOTAL	9.5	26.8	300.0

Condition and trend of mountain goat range. (Chart 40)

Unit	Thousands of Acres				Trend	
	Good	Fair	Poor	Improving	Stable	Declining
Beaverhead N.F.	47.2	14.8			59.1	2.9
Bridger-Teton N.F.						
Custer N.F.	79.0				79.0	
Gallatin N.F.	¹	¹	¹	¹	¹	¹
Shoshone N.F.	8.9 ²				8.9 ²	
Targhee N.F.	22.4				22.4	
Grand Teton N.P.						
Yellowstone N.P.						
National Elk Refuge						
Red Rock Lakes Wildlife Refuge						
TOTAL	157.5	14.8	0	0	169.4	2.9

¹ Information is not available.

² Winter range only.

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Bighorn sheep seasonal range. (Chart 41)

Unit	Thousands of Acres			
	Summer	Winter	Summer/ Winter	Lambing
Beaverhead N.F.	31.0	.8		
Bridger-Teton N.F.	84.1	29.1	40.9	4.8
Custer N.F.	18.8	15.7		
Gallatin N.F.	120.4	11.1	232.7	¹
Shoshone N.F.	339.0	339.1	128.4	110.5
Targhee N.F.			33.6	2.5
Grand Teton N.P.		.6	20.8	20.8
Yellowstone N.P.	36.8	21.3	34.3	
National Elk Refuge		.3 ¹		
Red Rock Lakes Wildlife Refuge				
TOTAL	630.1	418.0	490.7	138.6

¹ Acreage is too small to display.

Condition and trend of bighorn sheep range. (Chart 42)

Unit	Thousands of Acres					
	Condition				Trend	
	Good	Fair	Poor	Improving	Stable	Declining
Beaverhead N.F.	31.0	.8			31.0	.8
Bridger-Teton N.F.	¹	¹	¹	¹	¹	¹
Custer N.F.	34.5				34.5	
Gallatin N.F.	¹	¹	¹	¹	¹	¹
Shoshone N.F.	448.7 ²	18.8 ²			467.5 ²	
Targhee N.F.		32.3			32.3	
Grand Teton N.P.	¹	¹	¹	¹	¹	¹
Yellowstone N.P.	90.8	1.6			92.4	
National Elk Refuge						
Red Rock Lakes Wildlife Refuge						
TOTAL	605.0	53.5	0	0	657.7	.8

¹ Information is not available.

² Winter range only.

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Antelope seasonal range. (Chart 43)

Unit	Thousands of Acres	
	Summer	Summer & Winter
Beaverhead N.F.	36.3	
Bridger-Teton N.F.	148.5	
Custer N.F.	1.0	
Gallatin N.F.		4.8
Shoshone N.F.	9.0	
Targhee N.F.	11.9	
Grand Teton N.P.	63.9	
Yellowstone N.P.	40.3	4.1
National Elk Refuge		
Red Rock Lakes Wildlife Refuge	25.0	
TOTAL	310.9	8.9

Condition and trend of antelope range. (Chart 44)

Unit	Thousands of Acres				Trend	
	Good	Fair	Poor	Improving	Stable	Declining
Beaverhead N.F.	36.3			36.3		
Bridger-Teton N.F.	¹	¹	¹	¹	¹	¹
Custer N.F.	1.0				1.0	
Gallatin N.F.	¹	¹	¹	¹	¹	¹
Shoshone N.F.	¹	¹	¹	¹	¹	¹
Targhee N.F.	11.9				11.9	
Grand Teton N.P.	¹	¹	¹	¹	¹	¹
Yellowstone N.P.	35.7	8.7			44.4	
National Elk Refuge						
Red Rock Lakes Wildlife Refuge	25.0				25.0	
TOTAL	109.9	8.7	0	36.3	82.3	0

¹ Information is not available.

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Moose seasonal range. (Chart 45)

Unit	Thousands of Acres		
	Summer	Winter	Summer & Winter
Beaverhead N.F.	103.7		61.8
Bridger-Teton N.F.	¹	254.0	
Custer N.F.	6.4	12.4	5.1
Gallatin N.F.			1,364.0
Shoshone N.F.	1,406.4		321.2
Targhee N.F.			1,117.4
Grand Teton N.F.	17.3	16.4	3.2
Yellowstone N.P.	25.3	21.7	197.0
National Elk Refuge		5.8	
Red Rock Lakes Wildlife Refuge			12.2
TOTAL	1,559.1	310.3	3,081.9

¹ Information for summer range is not available.

Condition and trend of moose range. (Chart 46)

Unit	Thousands of Acres					
	Condition			Trend		
	Good	Fair	Poor	Improving	Stable	Declining
Beaverhead N.F.	210.0	17.3			192.3	35.0
Bridger-Teton N.F.	¹	¹	¹	¹	¹	¹
Custer N.F.		1.9	28.7		1.9	28.7
Gallatin N.F.	¹	¹	¹	¹	¹	¹
Shoshone N.F.	335.9 ²				335.9 ²	
Targhee N.F.	1,117.4				1,117.4	
Grand Teton N.P.	¹	¹	¹	¹	¹	¹
Yellowstone N.P.	244.0				244.0	
National Elk Refuge	5.8				5.8	
Red Rock Lakes Wildlife Refuge	12.2				12.2	
TOTAL	1,925.3	19.2	28.7	0	1,909.5	63.7

¹ Information is not available.

² Winter range only.

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Bison seasonal range. (Chart 47)

Unit	Thousands of Acres		
	Summer	Winter	Calving
Beaverhead N.F.			
Bridger-Teton N.F.			
Custer N.F.			
Gallatin N.F.		25.3	
Shoshone N.F.	1.6		
Targhee N.F.			
Grand Teton N.P.	31.9		
Yellowstone N.P.	249.2	171.8	137.4
National Elk Refuge		19.4	4.0
Red Rock Lakes Wildlife Refuge			
TOTAL	<u>282.7</u>	<u>216.5</u>	<u>141.4</u>

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Grizzly bear habitat. (Chart 48)

Unit	Thousands of Acres		
	Situation I	Situation II	Situation III
Beaverhead N.F.		68.5	
Bridger-Teton N.F.	665.5	61.5	7.1
Custer N.F.	5.5	105.0	
Gallatin N.F.	493.4	324.0	1.1
Shoshone N.F.	412.0	819.6	17.4
Targhee N.F.	180.5	266.5	54.0
Grand Teton N.P.	118.4	212.7	2.6
Yellowstone N.P.	2,219.4	2.3	.1
National Elk Refuge			
Red Rock Lakes Wildlife Refuge			
TOTAL	4,094.7	1,860.1	82.3

Planned grizzly bear habitat improvement and bear-proof structures. (Chart 49)

Unit	Numbers of Structures	Acres
Beaverhead N.F.		
Bridger-Teton N.F.	50	
Custer N.F.	7	
Gallatin N.F.	60	1,600
Shoshone N.F.	268	300
Targhee N.F.	90	600
Grand Teton N.P.	200	
Yellowstone N.P.	480	
National Elk Refuge		
Red Rock Lakes Wildlife Refuge		
TOTAL	1,155	2,500

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Bald eagle habitat and occupied nests. (Chart 50)

Unit	Thousands of Acres		
	Occupied Nests	Nesting Habitat	Winter Habitat
Beaverhead N.F.	3	2.0	.2
Bridger-Teton N.F.	3	1.0	1.0
Custer N.F.			
Gallatin N.F.	3	1.0	.3
Shoshone N.F.			.4
Targhee N.F.	8	3.3	1.1
Grand Teton N.P.	6	2.0	2.7
Yellowstone N.P.	15	15.4	5.0
National Elk Refuge			2.4
Red Rock Lakes Wildlife Refuge		.6	.1
TOTAL	38	25.3	13.2

Peregrine falcon - active eyries, hack sites and potential hack sites. (Chart 51)

Unit	Active Eyries	Potential Hack Sites	Hack Sites Used
Beaverhead N.F.			
Bridger-Teton N.F.		1	1
Custer N.F.		4	
Gallatin N.F.		2	2
Shoshone N.F.		6	
Targhee N.F.	1	6	2
Grand Teton N.P.		3	2
Yellowstone N.P.	1	1	1
National Elk Refuge		1	1
Red Rock Lakes Wildlife Refuge	1 ¹	1 ¹	
TOTAL	3	25	9

¹ Located on land administered by BLM adjacent to Red Rock Lakes National Wildlife Refuge.

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Trumpeter swan habitat. (Chart 52)

Unit	Thousands of Acres	
	Nesting	Winter
Beaverhead N.F.	.8	
Bridger-Teton N.F.	4.0	
Custer N.F.		
Gallatin N.F.	.6	4.4
Shoshone N.F.	.8	
Targhee N.F.	28.1	7.6
Grand Teton N.P.	6.5	1.6
Yellowstone N.P.	8.0	11.0
National Elk Refuge	.1	.1
Red Rock Lakes Wildlife Refuge	11.7	.6
TOTAL	60.6	25.3

Osprey habitat and occupied nests. (Chart 53)

Unit	Occupied Nests	Thousands
		of Acres of Nesting Habitat
Beaverhead N.F.	4	1.0
Bridger-Teton N.F.	14	11.6
Custer N.F.		
Gallatin N.F.	11	3.2
Shoshone N.F.		
Targhee N.F.	54	21.8
Grand Teton N.P.	14	13.1
Yellowstone N.P.	20	32.0
National Elk Refuge		2.0
Red Rock Lakes Wildlife Refuge		.1
TOTAL	117	84.8

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Fishery resource classification. (Chart 54)

Unit	Miles				
	Class I	Class II	Class III	Class IV	Undetermined
Beaverhead N.F.	1	7	8	120	
Bridger-Teton N.F.	77	43	962	311	92
Custer N.F.		20	56	180	
Gallatin N.F.	128	196	72	16	
Shoshone N.F.	2	243	860	375	
Targhee N.F.	212	204	54	8	86
Grand Teton N.P.	34	100	36		
Yellowstone N.P.	396	444	4	3	16
National Elk Refuge			16	2	
Red Rock Lakes Wildlife Refuge	4	3	4	2	4
TOTAL	854	1,260	2,072	1,017	198

Wildlife and Fish

Wildlife habitat improvement. (Chart 55)

Unit	Number of Structures	Thousands of Acres
Beaverhead N.F.	122	.7
Bridger-Teton N.F.	215	11.3
Custer N.F.	70	1.2
Gallatin N.F.	320	4.5
Shoshone N.F.	5	5.5
Targhee N.F.	1,110	16.3
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge	12	11.3
Red Rock Lakes Wildlife Refuge	70	10.0
TOTAL	1,924	60.8

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Fish habitat improvement. (Chart 56)

Unit	Structures	Acres
Beaverhead N.F.		15
Bridger-Teton N.F.	150	2,580
Custer N.F.	25	25
Gallatin N.F.	250	80
Shoshone N.F.	¹	¹
Targhee N.F.	236	73
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge	143	
Red Rock Lakes Wildlife Refuge	10	70
TOTAL	814	2,843

¹ Information is not available.

Bald eagle habitat improvement. (Chart 57)

Unit	Structures	Acres
Beaverhead N.F.	10	
Bridger-Teton N.F.		
Custer N.F.		
Gallatin N.F.	3	8
Shoshone N.F.		
Targhee N.F.	10	20
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge		
TOTAL	23	28

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Elk populations and harvest. (Chart 58)

Thousands of Elk		
Unit	Populations Existing/Planned	Annual Harvest Existing/Planned
Beaverhead N.F.	10.0 / 10.0	.7 / .7
Bridger-Teton N.F.	22.5 / 22.8	4.5 / 4.7
Custer N.F.	.8 / ¹	.1 / ¹
Gallatin N.F.	9.8 / 10.3	3.0 / 3.2
Shoshone N.F.	16.9 / 16.9	3.4 / 3.4
Targhee N.F.	7.3 / 8.7	1.4 / 1.4
Grand Teton N.P.	3.0 / 3.0	.6 / .6
Yellowstone N.P.	16.7 / 16.7	
National Elk Refuge	6.4 / 7.5	.2 / ²
Red Rock Lakes Wildlife Refuge	.005 / .005	.005 / .005
TOTAL	93.45 / 95.95	13.91 / 14.01

¹ Information is not available.

Opportunities for hunting elk. (Chart 59)

Thousands of Hunter Days Annually		
Unit	Existing	Planned
Beaverhead N.F.	16.5	16.5
Bridger-Teton N.F.	115.5	120.7
Custer N.F.	3.0	¹
Gallatin N.F.	74.9	91.4
Shoshone N.F.	64.7	64.7
Targhee N.F.	49.4	45.0
Grand Teton N.P.	3.9	3.9
Yellowstone N.P.		
National Elk Refuge	.8	¹
Red Rock Lakes Wildlife Refuge	.03	.03
TOTAL	328.73	342.23

¹ Information is not available.

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Mule deer populations and harvest. (Chart 60)

Thousands of Mule Deer		
Unit	Populations Existing/Planned	Annual Harvest Existing/Planned
Beaverhead N.F.	17.0 / 17.0	.7 / .7
Bridger-Teton N.F.	21.4 / 30.5	5.3 / 12.0
Custer N.F.	1.6 / 1	.2 / 1
Gallatin N.F.	25.0 / 26.5	3.5 / 3.9
Shoshone N.F.	12.7 / 26.4	1.4 / 2.9
Targhee N.F.	8.8 / 9.6	1.3 / 1.6
Grand Teton N.P.	.2 / .2	
Yellowstone N.P.	1.0 / 1.0	
National Elk Refuge	.07 / .07	
Red Rock Lakes Wildlife Refuge	.005 / .005	.005 / .005
TOTAL	87.775 / 111.275	12.405 / 21.105

¹ Information is not available.

Opportunities for hunting mule deer. (Chart 61)

Thousands of Hunter Days Annually		
Unit	Existing	Planned
Beaverhead N.F.	10.0	10.0
Bridger-Teton N.F.	31.4	71.1
Custer N.F.	1.0	¹
Gallatin N.F.	27.7	34.3
Shoshone N.F.	9.5	19.8
Targhee N.F.	39.8	42.1
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge	.03	.03
TOTAL	119.43	177.33

¹ Information is not available.

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White-tailed deer populations and harvest. (Chart 62)

Unit	Number of White-tailed Deer	
	Populations Existing/Planned	Annual Harvest Existing/Planned
Beaverhead N.F.	400 / 600	10 / 15
Bridger-Teton N.F.		
Custer N.F.	250 / ¹	20 / ¹
Gallatin N.F.	700 / 800	220 / 250
Shoshone N.F.	286 / 286	36 / 36
Targhee N.F.	100 / 100	3 / 6
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge	10 / 10	2 / 2
TOTAL	1,746 / 1,796	291 / 309

¹ Information is not available.

Opportunities for hunting white-tailed deer. (Chart 63)

Unit	Annual Number of Hunter Days	
	Existing	Planned
Beaverhead N.F.	1,000	2,000
Bridger-Teton N.F.		
Custer N.F.	100	¹
Gallatin N.F.	350	410
Shoshone N.F.	230	230
Targhee N.F.	100	200
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge	10	10
TOTAL	1,790	2,850

¹ Information is not available.

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Mountain goat populations and harvest. (Chart 64)

Unit	Number of Mountain Goat	
	Populations Existing/Planned	Annual Harvest Existing/Planned
Beaverhead N.F.	250 / 250	25 / 25
Bridger-Teton N.F.		
Custer N.F.	400 / ¹	¹
Gallatin N.F.	650 / 675	20 / 25
Shoshone N.F.	108 / 216	8 / 16
Targhee N.F.	140 / 150	10 / 10
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge		
TOTAL	1,548 / 1,291	63 / 76

¹ Information is not available.

Opportunities for hunting mountain goat. (Chart 65)

Unit	Annual Number of Hunter Days	
	Existing	Planned
Beaverhead N.F.	200	200
Bridger-Teton N.F.		
Custer N.F.	85	¹
Gallatin N.F.	600	650
Shoshone N.F.	24	48
Targhee N.F.	40	40
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge		
TOTAL	949	938

¹ Information is not available.

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Bighorn sheep populations and harvest. (Chart 66)

Unit	Number of Bighorn Sheep	
	Populations Existing/Planned	Annual Harvest Existing/Planned
Beaverhead N.F.	10 /	1 /
Bridger-Teton N.F.	2,435 / 2,680	95 / 110
Custer N.F.	230 / ¹	5 / ¹
Gallatin N.F.	680 / 750	20 / 25
Shoshone N.F.	3,890 / 3,890	100 / 100
Targhee N.F.	30 / 30	
Grand Teton N.P.	90 / 125	
Yellowstone N.P.	350 / 350	
National Elk Refuge		
Red Rock Lakes Wildlife Refuge		
TOTAL	7,715 / 7,825	221 / 235

¹ Information is not available.

Opportunities for hunting bighorn sheep. (Chart 67)

Unit	Annual Number of Hunter Days	
	Existing	Planned
Beaverhead N.F.	500	
Bridger-Teton N.F.	1,520	1,760
Custer N.F.	750	¹
Gallatin N.F.	2,950	3,000
Shoshone N.F.	1,720	1,720
Targhee N.F.		
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge		
TOTAL	7,440	6,480

¹ Information is not available.

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Antelope populations and harvest. (Chart 68)

Unit	Number of Antelope	
	Populations Existing/Planned	Annual Harvest Existing/Planned
Beaverhead N.F.	1,400 / 1,400	55 / 55
Bridger-Teton N.F.	950 / 970	200 / 205
Custer N.F.	15 / ¹	1 / ¹
Gallatin N.F.	70 / 80	5 / 5
Shoshone N.F.	1,147 / 2,114	62 / 114
Targhee N.F.	500 / 500	130 / 130
Grand Teton N.P.	125 / 150	
Yellowstone N.P.	360 / 360	
National Elk Refuge		
Red Rock Lakes Wildlife Refuge	600 / 600	35 / 35
TOTAL	5,167 / 6,174	488 / 544

¹ Information is not available.

Opportunities for hunting antelope. (Chart 69)

Unit	Annual Number of Hunter Days	
	Existing	Planned
Beaverhead N.F.	75	75
Bridger-Teton N.F.	450	460
Custer N.F.	1	¹
Gallatin N.F.	255	260
Shoshone N.F.	142	262
Targhee N.F.	810	810
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge	100	100
TOTAL	1,833	1,967

¹ Information is not available.

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Moose populations and harvest. (Chart 70)

Unit	Number of Moose	
	Populations Existing/Planned	Annual Harvest Existing/Planned
Beaverhead N.F.	200 / 200	15 / 15
Bridger-Teton N.F.	2,100 / 2,140	330 / 335
Custer N.F.	90 / ¹	6 / ¹
Gallatin N.F.	1,200 / 1,500	150 / 170
Shoshone N.F.	762 / 966	57 / 72
Targhee N.F.	1,295 / 1,455	90 / 122
Grand Teton N.P.	225 / 250	
Yellowstone N.P.	¹	
National Elk Refuge	30 / 30	
Red Rock Lakes Wildlife Refuge	100 / 100	12 / 12
TOTAL	6,002 / 6,641	660 / 762

¹ Information is not available.

Opportunities for hunting moose. (Chart 71)

Unit	Annual Number of Hunter Days	
	Existing	Planned
Beaverhead N.F.	75	75
Bridger-Teton N.F.	6,150	6,280
Custer N.F.	36	¹
Gallatin N.F.	1,440	1,460
Shoshone N.F.	319	400
Targhee N.F.	369	544
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge	60	60
TOTAL	8,449	8,819

¹ Information is not available.

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Bison populations and harvest. (Chart 72)

Unit	Number of Bison	
	Populations Existing/Planned	Annual Harvest Existing/Planned
Beaverhead N.F.		
Bridger-Teton N.F.		
Custer N.F.		
Gallatin N.F.	15 / 100	60 / 80
Shoshone N.F.		
Targhee N.F.		
Grand Teton N.P.	85 / 50	
Yellowstone N.P.	2,000 / 2,000	
National Elk Refuge	85 /	
Red Rock Lakes Wildlife Refuge		
TOTAL	2,185 / 2,150	60 / 80

Opportunities for hunting bison. (Chart 73)

Unit	Annual Number of Hunter Days	
	Existing	Planned
Beaverhead N.F.		
Bridger-Teton N.F.		
Custer N.F.		
Gallatin N.F.	90	120
Shoshone N.F.		
Targhee N.F.		
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge		
TOTAL	90	120

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Black bear populations and harvest. (Chart 74)

Unit	Number of Black Bear	
	Populations Existing/Planned	Annual Harvest Existing/Planned
Beaverhead N.F.	300 / 300	18 / 18
Bridger-Teton N.F.	¹	¹
Custer N.F.	350 / ¹	35 / ¹
Gallatin N.F.	1,400 / 1,500	100 / 120
Shoshone N.F.	668 / 495	63 / 50
Targhee N.F.	450 / 450	50 / 45
Grand Teton N.P.	60 / 60	
Yellowstone N.P.	575 / 575	
National Elk Refuge		
Red Rock Lakes Wildlife Refuge	5 / 5	
TOTAL	3,808 / 3,385	266 / 233

¹ Information is not available.

Opportunities for hunting black bear. (Chart 75)

Unit	Annual Number of Hunter Days	
	Existing	Planned
Beaverhead N.F.	500	500
Bridger-Teton N.F.	¹	¹
Custer N.F.	900	¹
Gallatin N.F.	3,550	5,800
Shoshone N.F.	6,085	4,825
Targhee N.F.	8,400	7,560
Grand Teton N.P.		
Yellowstone N.P.		
National Elk Refuge		
Red Rock Lakes Wildlife Refuge		
TOTAL	19,435	18,685

¹ Information is not available.

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Opportunities for sport fishing. (Chart 76)

Unit	Thousands of Angler Days	
	1985	1995 Projected
Beaverhead N.F.	16.0	20.0
Bridger-Teton N.F.	96.0	130.0
Custer N.F.	45.7	47.0
Gallatin N.F.	174.0	212.0
Shoshone N.F.	67.5	72.3
Targhee N.F.	195.6	199.5
Grand Teton N.P.	68.3	100.0
Yellowstone N.P.	279.0	400.0
National Elk Refuge	2.4	2.4
Red Rock Lakes Wildlife Refuge	3.2	3.2
TOTAL	947.7	1,186.4

Air Resource

Air resource management. (Chart 77)

Unit	Thousands of Acres	
	Class I	Class II
Beaverhead N.F.		426.8
Bridger-Teton N.F.	732.1	2,008.7
Custer N.F.		517.5
Gallatin N.F.		1,735.4
Shoshone N.F.	1,054.5	1,169.4
Targhee N.F.		1,477.2
Grand Teton N.P.	345.6	
Yellowstone N.P.	2,221.7	
National Elk Refuge		24.3
Red Rock Lakes Wildlife Refuge	32.4	7.8
TOTAL	4,386.3	7,367.1

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Visual Resources

Planned visual resource management. (Chart 78)

Unit	Thousands of Acres			
	Preservation	Retention	Partial Retention	Modification/Max. Modification
Beaverhead N.F.	112.6	19.8	258.6	35.8
Bridger-Teton N.F.	1,656.7	548.0	265.2	270.9
Custer N.F.	358.6	92.9	66.0	
Gallatin N.F.	821.9	362.2	327.7	223.6
Shoshone N.F.	1,490.9		544.7	188.3
Targhee N.F.	146.9	174.5	594.3	561.5
Grand Teton N.P.	266.4		25.9	53.3
Yellowstone N.P.	2,197.5	24.2		
National Elk Refuge	24.3			
Red Rock Lakes Wildlife Refuge	40.2			
TOTAL	7,116.0	1,221.6	2,082.4	1,333.4

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