

# Bureau of Land Management



## Montana/Dakotas

### A Report to the Public



# Bureau of Land Management



# 2001 Montana/Dakotas

*Caring for Our Natural Resources  
and  
Managing Lands for Public Needs*

# Bureau of Land Management

## MONTANA/DAKOTAS BLM ACREAGE

### Surface Acres

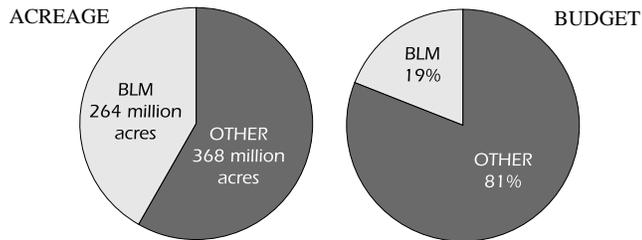
Montana	7,983,939
North Dakota	60,191
South Dakota	270,178
TOTAL	8,314,308

### Subsurface Acres

Montana	37,804,098
North Dakota	5,613,986
South Dakota	3,780,872
TOTAL	47,198,956

for breakdown by county, and other links contained in this report, go to [www.mt.blm.gov/ea/annrpt/index.html](http://www.mt.blm.gov/ea/annrpt/index.html)

**Comparison of national acreage and operating budgets of the four major federal land management agencies (BLM, Forest Service, Fish & Wildlife Service and National Park Service).**



## WILDLIFE

### Fish and Wildlife Habitat

- 600 species of fish and wildlife
- 37,500 acres of lakes and reservoirs
- 2,500 miles of streams
- 200,000 acres of waterfowl habitat having international importance

### Threatened and Endangered Species

- 4 threatened and endangered mammals
- 4 threatened and endangered birds
- 2 threatened and endangered fish
- 3 threatened and endangered plants
- 1 threatened and endangered invertebrate

### Wild Horses

- Pryor Mountain National Wild Horse Range covers 38,000 acres
- 129 Pryor horses gathered; 46 adopted
- 159 Pryor horses on the range; 95 is the appropriate management level (currently under revision)
- 234 horses/burros adopted at satellite adoptions
- 276 compliance checks completed
- 221 animals titled

## LANDSCAPE

### Wilderness

- 470,000 acres studied for wilderness review
- 173,499 acres in 15 areas recommended for wilderness designation
- 273,828 acres not recommended for wilderness designation
- 5,236 acres in 4 areas awaiting study

for complete list of study areas, go to [www.mt.blm.gov/ea/annrpt/wsa.pdf](http://www.mt.blm.gov/ea/annrpt/wsa.pdf)

### Rangeland Management

- 8.2 million acres of public rangeland
- 4,103 cattle/buffalo operators; 1,118,807 AUMs authorized
- 255 horse/burro operators; 4,883 AUMs authorized
- 229 sheep/goat operators; 42,073 AUMs authorized

for detailed grazing statistics, go to [www.mt.blm.gov/ea/annrpt/grazing01.htm](http://www.mt.blm.gov/ea/annrpt/grazing01.htm)

### Forestry

- 400,000 acres of commercial forest land
- 138,000 acres of non-commercial forest land
- 6,589 Mbf of timber sold

### Forest Development

- 47 acres planted
- 450 acres of site preparation
- 157 acres of vegetation protection
- 719 acres of stand improvements

### Noxious Weed Management

*This year:*

- 111,000 acres of noxious weeds treated with integrated weed control methods:
  - chemical
  - physical
  - mechanical
  - biological weed control agents
- domestic animals (sheep or goats).
- 1 million acres inventoried and mapped for noxious weeds
- More than 12 million biological control agents collected and distributed

*To date:*

- Biological weed control agents established on more than 217,000 acres
- 40 Weed Management Areas
- Interagency agreements in place with Agricultural Research Service and Animal & Plant Health Inspection Service for biological control
- Cooperative agreements in place with 3 Montana State University researchers for biological control
- Cooperative agreements in place with more than 70 percent of county weed districts
- Provide funding for Montana Education and Awareness Committee and Center for Invasive Plant Management
- Work closely with Montana Department of Agriculture, Montana Weed Control Association, Forest Service, Bureau of Indian Affairs, Agricultural Research Service and Animal & Plant Health Inspection Service

### Cultural and Paleontological Resources

- 1.2 million acres inventoried to date
- 9,195 cultural properties recorded to date

# Report to the Public

## MINERALS

### Solid Minerals

#### Montana

- 13 producing Federal and Indian coal leases on 40,037 acres
- 27,304,066 tons of coal produced, generating \$27,110,189 in royalties

#### North Dakota

- 6 producing Federal and Indian coal leases on 4,110 acres
- 2,511,074 tons of coal produced, generating \$1,541,275 in royalties

for breakdown, go to [www.blm.gov/ea/annrpt/coal01.htm](http://www.blm.gov/ea/annrpt/coal01.htm)

### Locatable Minerals

- 1,060 new claims recorded
- 1,684 claims closed
- 10,007 claim maintenance fees processed
- \$1,143,800 in fees received for mining claim recordation and maintenance
- 1,635 claims covered by small miner exemptions
- 14,758 unpatented mining claims
- 83 claims relinquished
- 2 claims patented covering 39 acres

for detailed statistics, go to [www.blm.gov/tr2000](http://www.blm.gov/tr2000)

### Fluid Minerals

#### Federal Oil and Gas Leases Issued

State	Competitive		Noncompetitive	
	Number	Acres	Number	Acres
Montana	170	236,312	163	315,266
North Dakota	73	36,782	13	12,906
South Dakota	27	37,906	26	53,973
TOTAL	270	311,000	202	382,145

#### Indian Oil and Gas Leases in Effect as of 9/30/01

State	Producing		Non-producing	
	Number	Acres	Number	Acres
Montana	424	104,783	551	301,499
North Dakota	27	5,349	307	37,904
South Dakota	1	160	11	1,280
TOTAL	452	110,292	869	340,683

#### Federal Oil and Gas Leases in Effect as of 9/30/01

State	Producing		Non-producing	
	Number	Acres	Number	Acres
Montana	1,346	698,774	2093	3,040,250
North Dakota	540	395,493	895	300,581
South Dakota	74	33,977	162	209,733
TOTAL	1,960	1,128,244	3150	3,550,564

### Oil and Gas Lease Sales

- 6 competitive oil and gas lease sales held
- 840,352 acres in 655 parcels offered
- 314,882 acres in 289 parcels leased
- \$2,856,304 bonus bids received

for detailed lease sale statistics, go to [www.mt.blm.gov/annrpt/ogsales01.htm](http://www.mt.blm.gov/annrpt/ogsales01.htm)

#### Indian Oil and Gas Competitive Lease Sale Results

State	Parcels Sold	Acreege Sold	Bonus Bid Received
Montana	83	13,153.93	\$93,731.85
North Dakota	0	0	0
South Dakota	0	0	0
TOTAL	83	13,153.93	\$93,731.85

#### Oil Production (barrels of oil)

	Montana	North Dakota	South Dakota
Federal Leases	2,849,527	5,872,696	181,208
Indian Leases	584,506	70,713	2,263
TOTAL	3,434,033	5,943,409	183,471

#### Oil Royalties

	Montana	North Dakota	South Dakota
Federal Leases	\$8,112,410	\$20,062,580	\$622,151
Indian Leases	\$2,344,972	\$278,745	\$10,796
TOTAL	\$10,457,382	\$20,341,325	\$632,947

#### Gas Production (thousand cubic feet)

	Montana	North Dakota	South Dakota
Federal Leases	17,842,257	5,600,650	298,950
Indian Leases	1,271,725	340,013	0
TOTAL	19,113,982	5,940,663	298,950

#### Gas Royalties

	Montana	North Dakota	South Dakota
Federal Leases	\$8,399,422	\$2,673,812	\$131,711
Indian Leases	\$810,903	\$127,228	\$0
TOTAL	\$9,210,325	\$2,801,040	\$131,711

# 2001

## SUPPORT FUNCTIONS

### Construction/Maintenance/Engineering

- 20 administrative sites constructed/maintained
- 14 bridges and major culverts inspected/maintained
- 14 easement surveys completed
- 61 facilities surveyed and designed
- 79 hazard class reservoir inspections
- 164 miles of trails and 842 miles of roads maintained
- 156 range improvement projects completed
- 154 recreation sites constructed/maintained
- 19 deferred maintenance projects completed
- 36 recreation fee site deferred maintenance projects
- 14 Architectural & Engineering task orders

### Geographic Information Systems/Mapping Science

- Maintained statewide digital library including ownership
- Edited 18 - 1:100,000 maps and revised for automation
- Provided mapping support for Crow Boundary Settlement, sage grouse habitat, prairie dogs, Pryor Horse Range, recreation sites, land exchanges, Lewis and Clark Initiative, Glendive/Short Pine OHV Area, Powder River Depot, Yellowstone Floaters Guide, Wild Horse Annual Report, Health of the Land Conference, fire management and national monument designations
- Provided GIS analytic, mapping and presentation support for Oil and Gas EIS, Upper Missouri Watershed, Whitewater, Blackleaf EIS, Fire Management Plan, Battle Creek Field Development, Badger Two Medicine EIS, Lower Blackfoot, Macom EA, Coteau Freedom Mine, Exemption Area of Lead-Deadwood Fuels Reduction Environmental Assessment for SDFO, Oil and Gas Stipulations, Vimy Ridge, Savoy Creek, Telegraph Creek, Buggy Creek, North Willow, and Murray Douglas watershed assessments.
- Maintained and provided programming and data entry support for the Statewide Interagency Weeds Database and Application.
- Prepared data for the Dillon RMP.
- Maintained and provided data entry support for the Statewide Transportation Database and Application.
- Provided training on GIS software and analysis. Implemented Maps on Demand applications statewide.
- Compiled statewide allotment dataset and implemented the Range Information System
- Developed and maintained oil and gas automated field maps

### Cadastral Survey

- 271 miles resurveyed
- 163 miles approved
- 690 survey monuments set
- 339 survey monuments approved
- 107 plats approved

for breakdown of accomplishments by agency, go to [www.mt.blm.gov/ea/annrpt/cadastral01.htm](http://www.mt.blm.gov/ea/annrpt/cadastral01.htm)

### Geographic Coordinated Data Base

- 255 townships accepted
- 163 townships linked

### Volunteer Program

- 594 volunteers contributed 46,793 hours valued at \$685,701; cost to MT/DKs BLM was \$82,890

for breakdown by field office, go to [www.mt.blm.gov/ea/annrpt/volunteers01.htm](http://www.mt.blm.gov/ea/annrpt/volunteers01.htm)

### Fire Management

- BLM took action on 120 fires; of these, 47 were on BLM lands (2,009 acres) and 73 were on non-BLM lands (5,058 acres)
- 111 fires were lightning-caused; 9 were human-caused
- 11 prescription projects completed on 8,411 acres

### Law Enforcement

- Continued investigations into damage of archaeological sites and removal of paleontological resources
- Continued investigations into fraud related to the Oil & Gas and Hard Rock Mining programs
- Provided planning support for the Lewis and Clark Bicentennial, including a partnership with the Montana Sheriffs and Peace Officers Association.
- Contributed to public safety plans at the Monuments
- Issued numerous notices for resource violations
- Assisted in search and rescue operations and local law enforcement as requested
- Provided security on wild fires in Montana
- Provided special operation support to various other states
- Provided security at wild horse and burro adoptions
- Conducted a special operation at the Black Hills Motorcycle Rally in Sturgis, SD
- Assisted with preparations and training for security at 2002 Olympic Winter Games
- Provided extensive Homeland Domestic Security support in Washington, D.C., and at Canadian border and Bureau of Reclamation dams.

## PLANNING & ACTIONS

### Land Use Planning and Environmental Coordination

- 9 Resource Management Plans cover Montana, North Dakota and South Dakota
- 1 Management Framework Plan covers Dillon Field Office area

for a detailed list, go to [www.mt.blm.gov/lands/nepastatus.htm](http://www.mt.blm.gov/lands/nepastatus.htm)

### Areas of Critical Environmental Concern

- 40 Areas of Critical Environmental Concern

for a complete list with locations and acreage, go to [www.mt.blm.gov/lands/acec.htm](http://www.mt.blm.gov/lands/acec.htm)

### Lands Casework

- 1 public sale of 640 acres sold for \$64,000
- 60 rights-of-way and amendments issued; 20 renewed
- 4,495.30 acres of public land exchanged for 2,637.00 acres of private land
- 21,561.30 acres of public land exchanged for 20,861.73 acres of Montana State land (Crow Boundary Settlement Act Legislated Exchange)
- 6 permits issued; 10 renewed
- 150 patents issued for Bureau of Indian Affairs
- 1 corrective patent issued
- 7 Forest Service Exchange conveyance documents (patents/deeds) issued
- 12 easement acquisitions for public access
- 7 withdrawals totaling 789,037.43 acres

for more detailed statistics, go to [www.mt.blm.gov/ea/annrpt/index.html](http://www.mt.blm.gov/ea/annrpt/index.html)

### Land Appraisals

- 33 appraisals completed

for breakdown by field office, go to [www.mt.blm.gov/ea/annrpt/appraisals01.htm](http://www.mt.blm.gov/ea/annrpt/appraisals01.htm)

# Montana/Dakotas

## ENVIRONMENTAL CONCERNS

### Hazardous Materials Management

- Completed follow-up CASHE (internal environmental audit program) audit of corrective actions at all offices in the Montana/Dakotas
- Completed the Homestake Land Exchange mandated by the Natural Resources Damage Consent Decree for Whitewood Creek and Downstream waters which was signed in 1999
- Disposed of hazardous unused and waste products from the field offices and state office
- Began demolition of the Mosby Jet Fuel Refinery; completion is scheduled for 2002
- Provided necessary hazmat training for staff statewide

## RECREATION

- 3,404,781 recreation visitor days

for breakdown of visitor activities, go to [www.mt.blm.gov/ea/annrpt/visdays01.htm](http://www.mt.blm.gov/ea/annrpt/visdays01.htm)

### BLM Lands in Montana Contain:

- 2,500 miles of streams
- 60,000 acres of lakes and reservoirs
- 40 wilderness study areas
- 1 wilderness area
- 32 boating access sites
- 19 Watchable Wildlife sites
- 5 Outstanding Natural Areas
- 5 Backcountry Byways (185 miles)
- 100+ miles of groomed snowmobile/cross country skiing trails
- 400 family camping units
- 15 day-use sites
- 24 developed recreation sites
- 400+ undeveloped recreation sites
- Upper Missouri National Wild and Scenic River (149 miles)
- Pryor Mountain Wild Horse Range

### National Monuments

- Upper Missouri River Breaks (377,346 acres)
- Pompeys Pillar (51 acres)

### National Trails

- 310 miles of the Lewis and Clark Trail (L&C Bicentennial Initiative)
- 13 miles of the Nez Perce Trail
- 25 miles of the Continental Divide
- 30 miles of the Garnet Winter Trail
- 9 miles of the Bear Trap Canyon Recreation Trail
- 12 miles of the Centennial Trail (South Dakota)

### National Historic Landmarks

- Garnet Ghost Town
- Pompeys Pillar

## ECONOMIC IMPACTS

### Personnel

- 587 total employees: 483 permanent full-time; 13 temporary; 75 career seasonal; and 16 SCEP (student career educational program)

for breakdown by field office, go to [www.mt.blm.gov/ea/annrpt/employment01.htm](http://www.mt.blm.gov/ea/annrpt/employment01.htm)

### Salaries by Community

Billings, MT	10,984,625	Miles City, MT	4,006,825
Butte, MT	2,401,141	Missoula, MT	1,278,912
Dillon, MT	1,238,072	Dickinson, ND	1,032,200
Glasgow, MT	417,763	Belle Fourche, SD	496,259
Great Falls, MT	487,825		
Havre, MT	481,617	Total Payroll	26,592,946
Lewistown, MT	3,131,211		
Malta, MT	636,496	<b>Total Budget</b>	<b>59,785,000</b>

for budget breakdown, go to [www.mt.blm.gov/ea/annrpt/budget01.htm](http://www.mt.blm.gov/ea/annrpt/budget01.htm)

### Federal Transfer Payments (including PILT payments)

- \$36,872,339 paid to state of Montana
- \$5,147,737 paid to state of North Dakota
- \$2,885,802 paid to state of South Dakota

for breakdown of payments by state, go to [www.mt.blm.gov/ea/annrpt/fedpay01.htm](http://www.mt.blm.gov/ea/annrpt/fedpay01.htm)

### MONTANA PILT 2001

<u>Local Unit of Government</u>	<u>Total Paid This FY</u>	<u>Local Unit of Government</u>	<u>Total Paid This FY</u>
Anaconda-Deer Lodge	\$202,745	Madison	435,001
Beaverhead	476,624	McCone	147,062
Big Horn	45,669	Meagher	100,636
Blaine	464,651	Mineral	176,941
Broadwater	308,834	Missoula	697,444
Butte-Silver Bow	244,121	Musselshell	98,526
Carbon	515,820	Park	688,024
Carter	94,327	Petroleum	37,230
Cascade	224,245	Phillips	337,034
Chouteau	172,083	Pondera	110,651
Custer	381,486	Powder River	124,482
Daniels	222	Powell	404,755
Dawson	71,616	Prairie	89,995
Fallon	134,157	Ravalli	1,218,182
Fergus	538,997	Richland	58,730
Flathead	1,368,715	Roosevelt	4,534
Gallatin	774,200	Rosebud	365,274
Garfield	96,588	Sanders	139,894
Glacier	450,365	Sheridan	2,002
Golden Valley	33,128	Stillwater	209,436
Granite	116,085	Sweet Grass	262,470
Hill	53,627	Teton	296,438
Jefferson	476,105	Toole	50,547
Judith Basin	144,502	Treasure	845
Lake	166,115	Valley	488,471
Lewis and Clark	1,125,350	Wheatland	67,624
Liberty	37,475	Wibaux	29,287
Lincoln	267,350	Yellowstone	87,028
		<b>TOTAL</b>	<b>\$15,713,745</b>



**NORTH DAKOTA PILT 2001**

**SOUTH DAKOTA PILT 2001**

<i>Local Unit of Government</i>	<i>Total Paid This FY</i>	<i>Local Unit of Government</i>	<i>Total Paid This FY</i>	<i>Local Unit of Government</i>	<i>Total Paid This FY</i>	<i>Local Unit of Government</i>	<i>Total Paid This FY</i>
Barnes	6,984	McLean	175,384	Beadle	331	Jones	22,086
Benson	3,427	Mercer	59,612	Bon Homme	18,137	Lawrence	66,371
Billings	47,900	Morton	15,219	Brule	13,921	Lyman	118,813
Bottineau	145	Mountrail	67,935	Buffalo	14,054	McPherson	181
Bowman	44,689	Pierce	3,864	Butte	181,073	Meade	56,510
Burke	181	Ramsey	398	Campbell	25,043	Pennington	415,155
Burleigh	16,628	Ransom	42,107	Charles Mix	32,246	Perkins	123,676
Cavalier	305	Renville	269	Clark	108	Potter	18,590
Dickey	722	Richland	27,883	Corson	74,503	Roberts	618
Divide	1,542	Rolette	120	Custer	166,103	Shannon	2,234
Dunn	73,411	Sargent	1,814	Day	236	Spink	833
Eddy	658	Sheridan	32,874	Dewey	124,572	Stanley	124,163
Emmons	35,581	Sioux	34,019	Fall River	279,761	Sully	54,763
Golden Valley	13,077	Slope	20,475	Gregory	31,136	Tripp	181
Grand Forks	1,145	Stark	5,027	Haakon	4,066	Walworth	23,231
Grant	10,060	Steele	154	Harding	97,956	Yankton	4,106
Griggs	1,885	Stutsman	10,233	Hughes	43,494	Ziebach	3,227
Kidder	2,620	Walsh	524	Hyde	1,963	<b>TOTAL</b>	<b>\$2,263,384</b>
Logan	943	Ward	360	Jackson	119,943		
McHenry	2,509	Wells	9,426				
McIntosh	516	Williams	55,543				
McKenzie	78,201	<b>TOTAL</b>	<b>\$906,369</b>				



## AN ANNUAL REPORT



**PUBLISHED BY THE OFFICE OF EXTERNAL AFFAIRS**

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