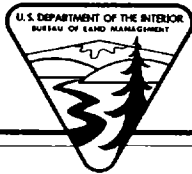


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# BLM Facts

Oregon and Washington  
1990



**U.S. Department of the Interior**  
Bureau of Land Management

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## U.S. Department of the Interior

BUREAU OF LAND MANAGEMENT  
OREGON STATE OFFICE  
P.O. Box 2965 (1300 N.E. 44th Street)  
Portland, Oregon 97208

Dear Reader:

Before you turn to the facts portion of this publication, I would like to share with you some of BLM's major achievements of the 1990 fiscal year in Oregon and Washington.

In continuation of a program designed to increase efficiency of public land management and optimize the utilization, conservation, and protection of resources, seven land exchanges involving over 26, 500 acres of Federal and private lands were consummated in FY 1990.

Three major archaeological projects were active in the Lakeview District this past summer — excavations in Warner Valley and Christmas Lake Valley, and a new paleontological project at Fossil Lake. In addition, archaeologists have been working to relocate historic mining structures in the Baker Resource Area, moving them to the new Flagstaff Hill Oregon Trail interpretive site.

Management plans in conjunction with the Omnibus Oregon Wild and Scenic Rivers Act, including 15 rivers under the jurisdiction of BLM, are proceeding according to schedule. In fiscal year 1990, the primary river planning effort was directed toward the Deschutes Wild and Scenic River in accordance with a formal agreement with the state of Oregon.

Two new areas with impressive geothermal potential became available for leasing under Federal mineral laws. The Army has agreed to leasing within the Yakima Firing Center in Washington, an area whose geologic strata is thought to contain large deposits of hydrocarbons. Legislation creating the Newberry National Volcanic Monument allows, for the first time, geothermal leasing in an area regarded as having the best potential in the Northwest for development of geothermal resources as a source of electricity. Leasing in these areas will begin within the year.

Law enforcement officers from the BLM and state and local agencies seized 6,205 marijuana plants from 159 gardens on BLM lands in Oregon and Washington in 1990. This crop would have had a street value of \$30.2 million.

During the past fiscal year, we offered 1.169 billion board feet of timber for sale. This volume, combined with the FY 1989 offerings, amounted to 14 million board feet more than the two year target of 1.9 billion board feet. Timber harvest totalled 944 million board feet and this timber brought in more than \$187 million in receipts. Half, or some \$93.5 million, was shared with the 18 western Oregon counties.

Though faced with the challenges of a lack of lead time for sale preparation and the additional requirements of working those sales through the consultation process required for the Endangered Species Act, BLM still managed to get the job done. I am proud of the fact that we were on target, on budget, and on time.

On our forest lands, we planted more than 19.2 million seedlings on 38,905 acres, exceeding the FY 1989 record. The planting effort equates to a strip one mile wide and over sixty miles long.

Also in 1990, we welcomed more than 3,931 volunteers to projects on the public lands. These dedicated people contributed some 127,630 work hours at a value of more than \$1,614,997 million.

I am proud of these and the other accomplishments which you will find listed in this book. The credit for the work goes to both our employees and to the many citizens who contributed in some way, great or small, to the stewardship of the public lands of Oregon and Washington.

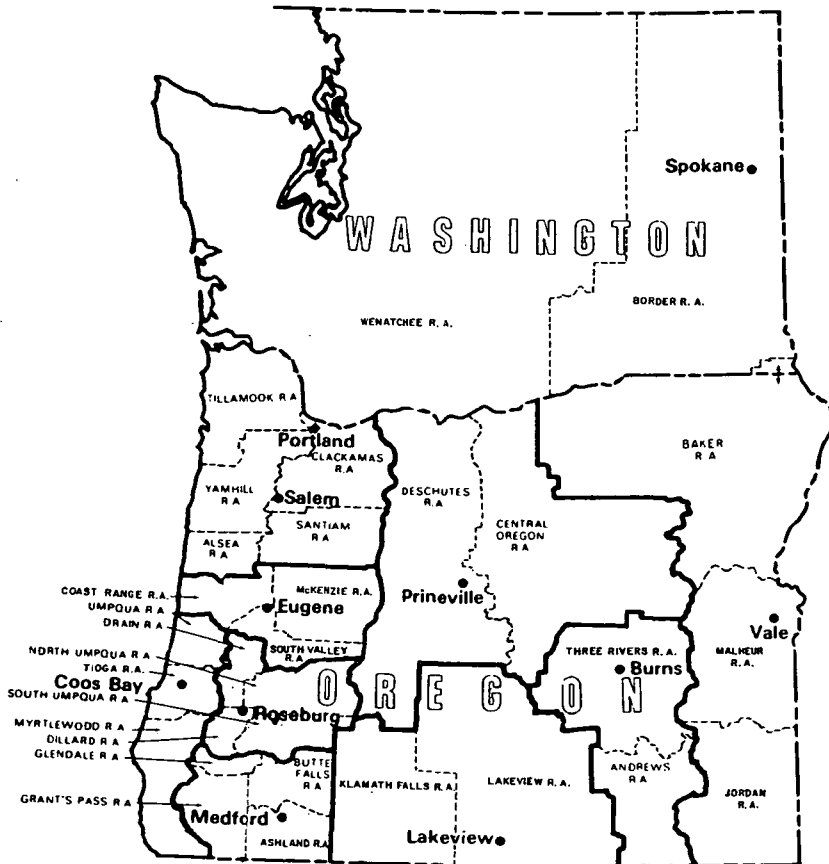
Sincerely,

State Director

BLM-OR-AE-90-16-1792

## BLM Offices in Oregon & Washington

<b>Oregon State Office</b> 1300 N.E. 44th Avenue P.O. Box 2965 Portland, OR 97208	(503) 280-7026	D. Dean Bibles State Director
<b>Burns District</b> HC 74-12533, Hwy. 20 West Hines, OR 97738	(503) 573-5241	Michael T. Green District Manager
<b>Coos Bay District</b> 1300 Airport Lane North Bend, OR 97459	(503) 756-0100	Melvin E. Chase District Manager
<b>Eugene District</b> 1255 Pearl Street P.O. Box 10226 Eugene, OR 97401	(503) 683-6600	Ronald L. Kaufman District Manager
<b>Lakeview District</b> 1000 Ninth Street S. P.O. Box 151 Lakeview, OR 97630	(503) 947-6110	Judy Nelson District Manager
<b>Medford District</b> 3040 Biddle Road Medford, OR 97501	(503) 770-2200	David A. Jones District Manager
<b>Prineville District</b> 185 East 4th Street P.O. Box 550 Prineville, OR 97754	(503) 447-4115	James L. Hancock District Manager
<b>Roseburg District</b> 777 N.W. Garden Valley Blvd. Roseburg, OR 97470	(503) 672-4491	James A. Moorhouse District Manager
<b>Salem District</b> 1717 Fabry Road, S.E. Salem, OR 97306	(503) 375-5646	Van Manning District Manager
<b>Spokane District</b> East 4217 Main Spokane, WA 99202	(509) 353-2570	Joseph K. Buesing District Manager
<b>Vale District</b> 100 Oregon Street Vale, OR 97918	(503) 473-3144	William C. Calkins District Manager



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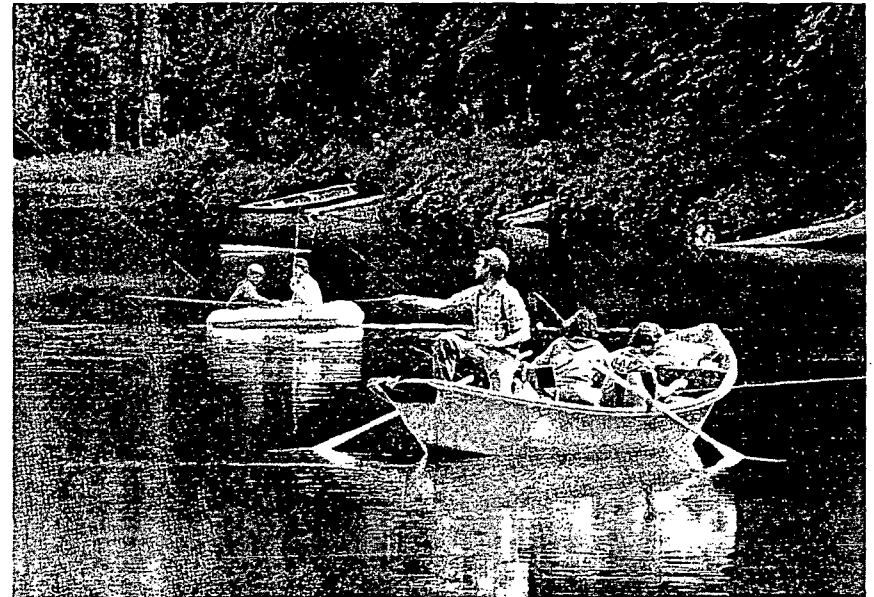
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## Introduction



Fishing is a popular pastime on the North Umpqua River in the Roseburg District.

BLM manages about 16 million acres of lands in Oregon and Washington (some 15.7 million acres and 312,000 acres respectively). It has subsurface mineral responsibilities for an additional 23.4 million acres in Oregon and about 16.5 million acres in Washington.

Natural resources managed by BLM on forestland and rangeland include vegetation, minerals, soil, water and air, wildlife habitat and wild horses. Uses administered include timber harvest, livestock foraging, recreational activities, mineral extraction, and realty actions.

BLM policies provide for the development and use of the public lands and their resources under principles of multiple use and sustained yield, while maintaining and enhancing the quality of the environment. In recent years, BLM has given increased emphasis to non-commodity aspects of its land stewardship. Such considerations as archaeology, botany, anadromous fish habitat, wilderness, and other noncommercial values are receiving increased funding and attention.

To support these resource management programs, BLM in Oregon and Washington operates a variety of programs such as lands and mineral records management, cadastral survey, fire management, law enforcement, and construction and maintenance.

BLM programs in Oregon are funded in two separate appropriations from Congress — one for resource management on Revested Oregon and California Railroad lands (O&C) and reconveyed Coos Bay Wagon Road lands, and the other for public domain lands. Activities in Washington are funded entirely with appropriations for public domain lands.

## Introduction

### Employees of BLM (authorized permanent positions)

The Bureau of Land Management employs a comprehensive staff of administrators and natural resource professionals. Among the disciplines represented are archaeology, forestry, botany, wildlife biology, range conservation, geology, mineral engineering, business administration, journalism, outdoor recreation planning, hydrology, accounting, law enforcement, fire sciences, geography, and many others. Recognizing that the work force of the next century will be composed largely of minorities and women, BLM in Oregon and Washington uses such programs as cooperative education to match its work force to the expected future population of America.

Districts	September 30	
	1989	1990
Lakeview	63	66
Burns	61	64
Vale	96	103
Prineville	50	52
Salem	199	202
Eugene	173	176
Roseburg	180	182
Medford	254	257
Coos Bay	177	181
Spokane	33	36
State Office	260	278
<b>Total</b>	<b>1546</b>	<b>1,597</b>

### Lands Managed by BLM

Lands under the exclusive jurisdiction of each district of the Bureau of Land Management in Oregon and Washington includes public domain, revested Oregon & California Railroad grant lands, reconveyed Coos Bay Wagon Road grant lands, Land Utilization Project Lands, and certain other categories. Acreages are as of September 30, 1990, and are approximate. Lands managed by BLM are 25 percent of the total acreage of Oregon and less than one percent of Washington.

District	Acre
Lakeview	3,386,297
Burns	3,449,736
Vale	4,961,990
Prineville	1,565,768
Salem	397,172
Eugene	316,629
Roseburg	423,757
Medford	861,012
Coos Bay	332,435
<b>Oregon Total</b>	<b>15,694,796</b>
Spokane	320,859
<b>Total</b>	<b>16,015,655</b>

## Introduction

### Lands Managed by the Bureau of Land Management in Each County in Oregon and Washington (as of September 30, 1990)

Oregon		Washington	
County	Acre	County	Acre
Baker	367,764	Adams	481
Benton	57,649	Asotin	10,422
Clackamas	67,046	Benton	18,188
Clatsop	43	Chelan	21,117
Columbia	11,081	Clallam	83
Coos	168,289	Clark	5
Crook	511,721	Columbia	519
Curry	67,510	Cowlitz	52
Deschutes	506,250	Douglas	38,560
Douglas	653,937	Ferry	11,958
Gilliam	23,876	Franklin	18,778
Grant	171,107	Garfield	433
Harney	4,103,528	Grant	44,362
Hood River	180	Grays Harbor	13
Jackson	431,124	Island	2
Jefferson	26,646	Jefferson	59
Josephine	311,478	King	340
Klamath	289,395	Kitsap	—
Lake	2,585,152	Kittitas	16,029
Lane	289,550	Klickitat	16,407
Lincoln	20,077	Lewis	279
Linn	88,236	Lincoln	8,214
Malheur	4,542,478	Mason	3
Marion	20,966	Okanogan	54,788
Morrow	2,347	Pacific	374
Multnomah	4,247	Pend Oreille	1,904
Polk	41,268	Pierce	12
Sherman	45,954	San Juan	282
Tillamook	49,415	Skagit	277
Umatilla	8,857	Skamania	63
Union	6,250	Snohomish	170
Wallowa	18,908	Spokane	—
Wasco	36,115	Stevens	29,738
Washington	12,009	Thurston	1
Wheeler	121,168	Wahkiakum	1
Yamhill	33,175	Walla Walla	630
		Whatcom	145
		Whitman	1,294
		Yakima	24,876
<b>Total</b>	<b>15,694,796</b>	<b>Total</b>	<b>320,859</b>

## Financial

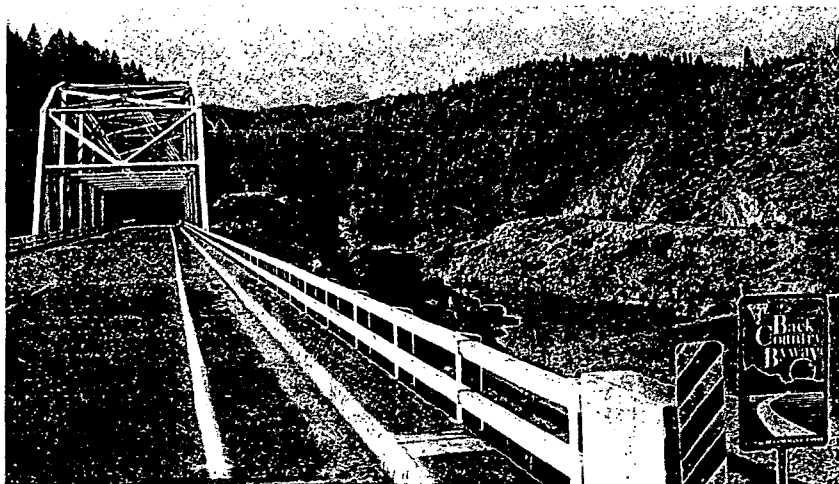
Although in recent years BLM has increased the attention it gives to non-commodity aspects of the lands it manages, the agency has had a traditional role, reaching back to post-Revolutionary War days, of bringing revenues into the Federal treasury. Although its results have been long surpassed by the Internal Revenue Service, the BLM continues to pay its own way, and then some.

BLM has been charging users of the public lands for many decades; however, not until 1976, with the passage of the Federal Land Policy Act, was the principle of obtaining fair market value for resources used firmly established. Principal sources of revenue include timber sales, mineral lease fees and grazing fees.

Each year, BLM returns a profit to the Federal Treasury for the investment made by its shareholders — American taxpayers. During fiscal year 1990 BLM in Oregon and Washington reported receipts of \$232,041,018 against expenses of \$112,384,504.

As always, those receipts were shared with state, county and local governments. A total of \$211,071,471 was distributed in Oregon and Washington. Since federal lands are not taxed, various laws provide for payments to reimburse states and counties for the services they provide that benefit the Federal government. Some payments in lieu of taxes are based on acreages of federal land and shares received from resource revenues.

Proportions of collections from resource management that are shared with the states and counties vary from four percent to 90 percent, with the balance usually going to the general fund of the U.S. Treasury. For example, 50 percent of collections from management of the resources of the revested Oregon and California Railroad grant lands in western Oregon goes to the counties where the lands are located. On the other hand, 50 percent of most grazing fee receipts is used for range improvements by BLM, with 12.5 percent available for states to use for range improvements.



The Hellgate Canyon Bridge in BLM's Medford District was built with funds provided by the O & C lands.

## Financial

### Collections, Classified by Commodity—Oregon

Commodity	O&C Lands		CBWR <sup>3</sup>	Other Lands <sup>4</sup>	Unrelated to Land Status
	BLM <sup>1</sup>	FS <sup>2</sup>			
<b>FY 1989</b>					
Mineral Leases	\$ —	\$ —	\$ —	\$ —	\$624,635 <sup>5</sup>
Mineral (Material) Sales	—	—	—	18,200	—
Land Sales	9,255	—	—	95,411	—
Rent of Land	146,658	—	2,778	58,800	—
Sale of Timber	185,861,597	32,852,184	15,061,448	15,513,213	—
Grazing Fees <sup>6</sup>	10,192	—	20	1,605,914	—
Recreation Fees	—	—	—	19,343	—
Other Resources	—	—	36,068	—	—
Other Fees	508,434	—	62,630	32,063	194,192
Penalties & Forfeitures	—	—	—	—	—
Other Sources	433,865	—	—	—	—
<b>Totals</b>	<b>\$186,970,001</b>	<b>\$32,852,184</b>	<b>\$15,162,944</b>	<b>\$17,342,944</b>	<b>\$818,827</b>
<b>Total O&amp;C</b>					<b>\$219,822,185</b>
<b>Grand Total BLM, All Sources:</b>					<b>\$253,146,900</b>

<b>FY 1990</b>					
Mineral Leases	\$ —	\$ —	\$ —	\$ —	\$ 734,667 <sup>5</sup>
Mineral (Material) Sales	—	—	—	11,224	—
Land Sales	43,360	—	—	11,250	—
Rent of Land	239,262	—	3,208	43,465	—
Sale of Timber	179,994,018	24,729,746	8,661,357	14,515,721	—
Grazing Fees <sup>6</sup>	26,265	—	9	1,686,416	—
Recreation Fees	—	—	—	25,809	—
Other Resources	—	—	68,760	—	—
Other Fees	677,601	—	67,534	36,913	168,347
Penalties & Forfeitures	—	—	—	—	—
Other Sources	746,977	—	—	—	—
<b>Totals</b>	<b>\$181,727,483</b>	<b>\$24,729,746</b>	<b>\$8,800,868</b>	<b>\$16,330,789</b>	<b>\$903,014</b>
<b>Total O&amp;C</b>					<b>\$206,457,229</b>
<b>Grand Total BLM, All Sources:</b>					<b>\$232,491,900</b>

<sup>1</sup>Includes 2,074,602 acres of revested Oregon and California Railroad grant lands managed by the Bureau of Land Management.

<sup>2</sup>Includes 492,399 acres of revested Oregon and California Railroad grant lands managed by the Forest Service.

<sup>3</sup>Includes 74,547 acres of reconveyed Coos Bay Wagon Road grant lands managed by the Bureau of Land Management.

<sup>4</sup>Principally public domain and acquired lands managed by the Bureau of Land Management, plus other federal lands with respect to mineral leasing.

<sup>5</sup>Collected from all federal mineral estate lands managed by BLM (public lands, other agency lands, and private surface ownership lands).

<sup>6</sup>From grazing permits and leases issued under Sections 3 and 15 of the Taylor Grazing Act.

# Financial

## Collections, Classified by Commodity—Washington

Commodity	FY 1989	
	BLM Lands	Unrelated to Status
Mineral Leases*	\$ —	\$646,843
Mineral Material Sales	57,058	—
Land Sales	63,893	—
Rent of Land	5,926	—
Sale of Timber	82,931	—
Grazing Sec. 15	43,646	—
Recreation Fees	—	—
Other Resources	61,218	—
Other Fees	15,652	7,379
Penalties & Forfeitures	—	—
Other Sources	62,376	—
<b>Total</b>	<b>\$392,700</b>	<b>\$654,222</b>
<b>Grand Total, All Sources:</b>		<b>\$1,046,922</b>

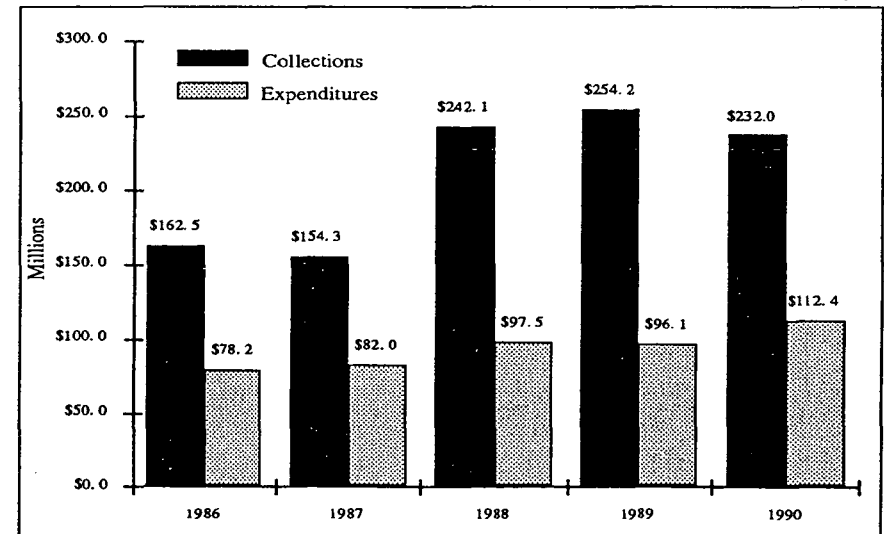
Commodity	FY 1990	
	BLM Lands	Unrelated to Status
Mineral Leases*	\$ —	\$344,548
Mineral Material Sales	—	—
Land Sales	41,702	—
Rent of Land	6,386	—
Sale of Timber	120,513	—
Grazing Sec. 15	46,114	—
Recreation Fees	—	—
Other Resources	—	—
Other Fees	8,334	1,305
Penalties & Forfeitures	—	—
Other Sources	59,422	—
<b>Total</b>	<b>282,471</b>	<b>345,853</b>
<b>Grand Total, All Sources:</b>		<b>\$628,324</b>

\*Collected from all federal mineral estate lands managed by BLM (public lands, other agency lands, and private surface ownership lands).

# Financial

## BLM Expenditures for Resource Management

	FY 1989	FY 1990
Forest Management	\$19,379,713	25,835,003
Forest Development	23,000,145	37,217,614
Range Management	4,073,186	4,008,854
Range Improvement	616,633	659,912
Soil and Watershed Conservation	2,304,356	2,123,541
Lands and Minerals	3,261,918	3,682,182
Wildlife Management	2,845,956	3,128,525
Recreation Management	2,152,861	2,505,047
Recreation Construction	303,363	1,043,386
Cadastral Survey	897,164	729,054
Resource Protection	2,711,993	3,130,138
Fire Presuppression	2,278,268	2,472,709
Fire Suppression	6,287,982	6,198,787
Fire & Storm Damage Rehabilitation	2,208,260	399,366
Forest Pest Control	4,189	19,785
Law Enforcement	734,793	1,452,032
Road Construction & Acquisition	2,992,008	920,503
Building Construction	151,513	322,689
Maintenance of Capital Investments	11,049,597	9,212,620
Planning and Data Management	5,723,961	4,498,051
Program Services	3,118,778	2,824,656
<b>Total</b>	<b>\$96,096,637</b>	<b>112,384,504</b>



Oregon and Washington Collections and Expenditures



# Financial

## Payments to Counties and State, FY 1989 - Oregon

Counties	Resource Management O&C Lands	Mineral Leasing <sup>1</sup>	Sec. 15 Grazing Leases	Payments in Lieu of Taxes	Totals
Baker	\$ —	\$ 565	\$ —	\$ 101,744	\$ 102,309
Benton	3,065,703	—	—	2,032	3,067,735
Clackamas	6,042,285	7,667	—	51,470	6,101,422
Clatsop	—	105	—	315	420
Columbia	2,228,657	5,032	—	—	2,233,689
Cooos	7,285,785	1,202	15	6,967	7,293,969
Crook	—	44,994	363	93,896	139,253
Curry	3,921,045	—	—	59,051	3,980,096
Deschutes	—	41,598	362	143,061	185,021
Douglas	27,482,823	2,498	55	94,195	27,579,571
Gilliam	—	10,540	2,547	4,373	17,460
Grant	—	16,218	13,656	174,177	204,051
Hamey	—	10,973	1,566	308,000	320,539
Hood River	—	—	—	21,016	21,016
Jackson	17,059,930	7,423	1,283	46,711	17,115,347
Jefferson	—	14,090	1,037	29,234	44,361
Josephine	12,977,482	—	47	34,928	13,012,457
Klamath	2,547,558	14,292	3,508	214,491	2,779,849
Lake	—	—	79	308,000	308,079
Lane	16,693,830	107	9	137,244	16,831,190
Lincoln	391,932	20	—	18,344	410,296
Linn	2,902,990	7,525	—	48,332	2,958,847
Malheur	—	6,907	—	646,617	653,524
Marion	1,590,479	3,240	—	20,478	1,614,197
Morrow	—	24,654	169	15,966	40,789
Multnomah	1,186,683	—	—	7,185	1,193,868
Polk	2,351,592	—	—	—	2,351,592
Sherman	—	6,091	1,990	28,461	36,542
Tillamook	620,409	20	—	9,399	629,828
Umatilla	—	20,036	802	42,726	63,564
Union	—	2,835	273	62,312	65,420
Wallowa	—	—	1,302	116,313	117,615
Wasco	—	12,028	3,467	20,668	36,163
Washington	691,267	340	—	291	691,898
Wheeler	—	23,870	3,908	28,620	56,398
Yamhill	809,693	62	—	2,564	812,319
<b>Total</b>	<b>\$109,850,143</b>	<b>\$284,932</b>	<b>\$36,438</b>	<b>\$2,899,181</b>	<b>\$113,070,694</b>

Payment to State of Oregon from sale of public domain timber, materials, and lands, totaling \$468,127 and Section 3 grazing permits totaling \$154,557..... \$622,684

Payment to State of Oregon from mineral leasing..... \$4,077

**Total payments to counties and state, FY 1989..... \$113,697,455**

Distribution of proceeds to Oregon counties and to the State of Oregon derived from resource management on lands managed by the Bureau of Land Management in Oregon. Revenues are from sales of timber, grazing fees, mineral fees, rental and sales of land, P.I.L.T., and from other sources.

<sup>1</sup>Does not include minerals proceeds from O&C or CBWR lands, but does include proceeds from rental and bonus payments on federally held leases

<sup>2</sup>Includes \$844,455 of CBWR.

<sup>3</sup>Includes \$135,685 of CBWR.

\* Amount actually paid during the fiscal year, 10/1/88 through 9/30/89. See table on page 5 for total O&C receipts.

# Financial

## Payments to Counties and State, FY 1990 - Oregon

Counties	Resource Management O&C Lands	Mineral Leasing <sup>1</sup>	Sec. 15 Grazing Leases	Payments in Lieu of Taxes	Totals
Baker	\$ —	\$ 508	\$ —	\$ 101,799	\$102,307
Benton	5,724,284	—	—	2,084	5,724,284
Clackamas	11,305,971	23,855	—	51,470	11,381,296
Clatsop	—	105	—	315	420
Columbia	4,196,450	4,025	—	—	4,200,475
Cooos	12,739,521 <sup>2</sup>	1,202	18	6,967	12,747,708
Crook	—	76,312	829	93,867	171,008
Curry	7,435,458	—	—	59,048	7,494,506
Deschutes	—	60,541	1,080	143,043	204,664
Douglas	51,138,049 <sup>3</sup>	2,340	111	94,196	51,234,696
Gilliam	—	9,905	6,199	7,899	24,003
Grant	—	16,218	31,580	174,733	222,531
Hamey	—	13,550	3,287	328,000	344,837
Hood River	—	—	—	20,962	20,962
Jackson	31,921,543	7,262	5,298	46,719	31,980,822
Jefferson	—	36,482	2,511	29,234	68,227
Josephine	24,608,311	—	58	34,942	24,643,311
Klamath	4,766,842	—	8,886	214,486	4,990,214
Lake	—	—	203	328,000	328,203
Lane	31,106,698	250	11	137,274	31,244,233
Lincoln	733,360	—	26	18,340	751,726
Linn	5,377,975	6,497	—	48,332	5,432,804
Malheur	—	5,669	—	630,910	637,196
Marion	2,974,183	9,540	—	20,478	3,004,201
Morrow	—	12,029	402	15,431	27,862
Multnomah	2,220,452	—	—	7,227	2,227,679
Polk	4,400,162	—	—	—	4,400,162
Sherman	—	5,744	4,419	27,078	37,241
Tillamook	1,140,783	20	—	9,398	1,150,201
Umatilla	—	9,037	1,896	41,629	52,562
Union	—	2,832	488	62,313	65,654
Wallowa	—	—	3,137	116,313	119,450
Wasco	—	36,057	7,870	20,834	64,761
Washington	1,283,380	340	—	291	1,284,011
Wheeler	—	30,496	9,580	28,886	68,962
Yamhill	1,466,721	—	—	2,564	1,469,285
<b>Total</b>	<b>\$204,540,143<sup>4</sup></b>	<b>\$370,816</b>	<b>\$87,889*</b>	<b>\$2,925,062</b>	<b>\$207,923,910</b>

Payment to State of Oregon from sale of public domain timber, materials, and lands, totaling \$1,138,308 and Section 3 grazing permits totaling \$386,266..... \$1,524,574\*

**Total payments to counties and state, FY 1990..... \$209,448,484**

Distribution of proceeds to Oregon counties and to the State of Oregon derived from resource management on lands managed by the Bureau of Land Management in Oregon. Revenues are from sales of timber, grazing fees, mineral fees, rental and sales of land, P.I.L.T., and from other sources.

\* Includes FY 1990 payments for 10 months of lands and materials sales and 11 months of grazing fees paid at the end of FY 1990 rather than at the beginning of the next Fiscal Year as in the past.

<sup>1</sup>Does not include minerals proceeds from O&C or CBWR lands, but does include proceeds from rental and bonus payments on federally held leases

<sup>2</sup>Includes \$720,561 of CBWR.

<sup>3</sup>Includes \$108,397 of CBWR.

<sup>4</sup>Amount actually paid during the fiscal year, 10/1/89 through 9/30/90. See table on page 5 for total O&C receipts.

# Financial

## Payments to Counties and State, FY 1989 - Washington

Counties	Mineral Leasing <sup>1</sup>	Sec. 15 Grazing Leases	Payments in Lieu of Taxes	Totals
Adams	\$ 5,341	\$ —	\$ 3,017	\$ 8,358
Asotin	20	585	6,571	7,176
Benton	6,315	79	30,364	36,758
Chelan	—	759	142,429	143,188
Clallam	6,241	—	72,803	79,044
Clark	104	—	385	489
Columbia	120	—	16,452	16,572
Cowlitz	16	—	3,242	3,258
Douglas	4,601	2,552	29,948	37,101
Ferry	—	981	49,874	50,855
Franklin	13,586	781	21,888	36,255
Garfield	400	5	10,118	10,523
Grant	14,135	3,025	104,911	122,071
Grays Harbor	—	—	31,334	31,334
Island	—	—	32,257	32,257
Jefferson	—	—	70,378	70,378
King	—	—	34,586	34,586
Kitsap	604	—	—	604
Kittitas	27,764	1,258	43,971	72,993
Klickitat	720	1,184	4,015	5,919
Lewis	98,310	—	47,606	145,916
Lincoln	7,320	565	16,671	24,556
Mason	—	—	16,226	16,226
Okanogan	295	4,827	156,109	161,231
Pacific	—	—	2,516	2,516
Pend Oreille	—	—	48,807	48,807
Pierce	5,399	—	33,644	39,043
San Juan	—	—	1,700	1,700
Skagit	—	—	53,049	53,049
Skamania	1,477	—	82,933	84,410
Snohomish	—	—	63,157	63,157
Spokane	—	—	—	—
Stevens	—	558	41,747	42,305
Thurston	—	—	—	—
Wahkiakum	—	—	—	—
Walla Walla	1,931	—	12,908	14,839
Whatcom	—	—	84,153	84,153
Whitman	501	63	7,421	7,985
Yakima	12,911	2,151	53,247	68,309
<b>Total</b>	<b>\$208,111</b>	<b>\$19,373</b>	<b>\$1,430,437</b>	<b>\$1,657,921</b>

Payment to State of Washington from sale of public domain timber, materials, lands, etc. .... \$9,706  
**Total payments to counties and state FY 1989** ..... **\$1,667,627**

Distribution of proceeds to Washington counties and to the State of Washington derived from resource management on lands managed by the Bureau of Land Management in Washington. Revenues are from sales of timber, grazing fees, mineral fees, rental and sales of land, P.I.L.T., and from other sources.

<sup>1</sup>Includes proceeds from rental and bonus payments on federally held leases.

# Financial

## Payments to Counties and State, FY 1990 - Washington

Counties	Mineral Leasing <sup>1</sup>	Sec. 15 Grazing Leases	Payments In Lieu of Taxes	Totals
Adams	\$ 300	\$ —	\$3,017	\$3,317
Asotin	20	1,434	6,571	8,025
Benton	421	426	30,492	31,339
Chelan	—	1,011	142,980	143,991
Clallam	4,606	—	70,490	75,096
Clark	—	—	385	385
Columbia	—	—	16,452	16,452
Cowlitz	—	—	3,242	3,242
Douglas	4,080	5,893	30,735	40,708
Ferry	—	2,297	49,951	52,248
Franklin	2,220	1,681	21,816	25,717
Garfield	80	18	10,118	10,216
Grant	6,202	6,464	103,928	116,594
Grays Harbor	—	—	28,821	28,821
Island	—	—	32,068	32,068
Jefferson	—	—	70,465	70,465
King	—	—	34,507	34,507
Kitsap	603	—	—	603
Kittitas	15,507	3,029	43,977	62,513
Klickitat	623	2,898	4,113	7,634
Lewis	107,615	—	47,527	155,142
Lincoln	—	1,257	16,851	18,108
Mason	—	—	16,226	16,226
Okanogan	295	11,532	156,064	167,891
Pacific	—	—	2,516	2,516
Pend Oreille	—	—	49,302	49,302
Pierce	5,398	—	33,645	39,043
San Juan	—	—	1,700	1,700
Skagit	—	—	53,091	53,091
Skamania	1,149	—	83,008	84,157
Snohomish	—	—	63,158	63,158
Spokane	—	—	285	285
Stevens	—	1,273	24,574	25,847
Thurston	—	—	—	—
Wahkiakum	—	—	—	—
Walla Walla	100	—	12,589	12,689
Whatcom	—	—	84,153	84,153
Whitman	—	131	7,409	7,540
Yakima	5,418	5,192	53,167	63,777
<b>Total</b>	<b>154,637</b>	<b>\$44,536*</b>	<b>\$1,409,393</b>	<b>\$1,608,566</b>

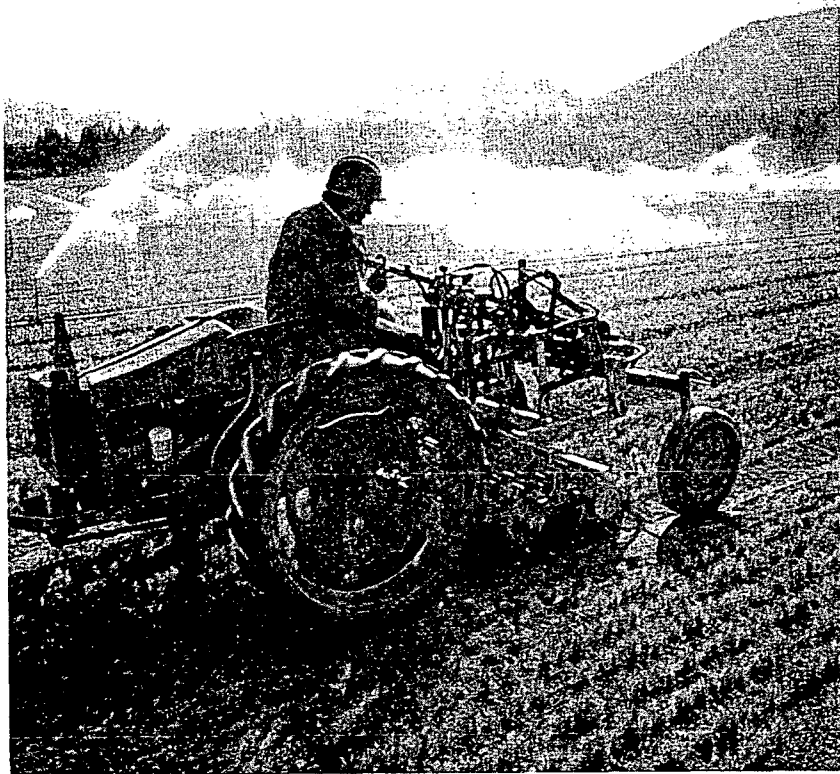
Payment to State of Washington from sale of public domain timber, materials, lands, etc. .... \$14,421\*  
**Total payments to counties and state FY 1990** ..... **\$1,622,987**

Distribution of proceeds to Washington counties and to the State of Washington derived from resource management on lands managed by the Bureau of Land Management in Washington. Revenues are from sales of timber, grazing fees, mineral fees, rental and sales of land, P.I.L.T., and from other sources

\* Includes FY 1990 payments for 10 months of lands and materials sales and 11 months of grazing fees paid at the end of FY 1990 rather than at the beginning of the next Fiscal Year as in the past.

<sup>1</sup>Includes proceeds from rental and bonus payments on federally held leases.

## Forestry



An employee cultivates seedling beds at the D.L Phipps Forest Tree Nursery in Elkton, a State of Oregon nursery at which BLM grows more than 30 percent of trees used in reforestation efforts.

BLM forest lands in Oregon and Washington are administered under two management programs. One is for the O&C lands in western Oregon; the other for public domain lands which are mostly in eastern Oregon and Washington.

The objectives of the O&C program are to manage for a high level and sustained yield output of wood products needed to contribute to the economic stability of the local communities and industries, and to provide for other land uses, such as wildlife habitat and recreation, including hunting and fishing.

On public domain lands, the Federal Land Policy Act of 1976 requires public lands and resources to be managed under the principles of multiple use and sustained yield, without permanent impairment of the productivity of the land and the quality of the environment, and with recognition of the Nation's need for timber from the public lands.

## Forestry

### BLM-Managed Forest Land in Oregon and Washington<sup>1</sup>

District	Total Forest Acres	Withdrawn Forest Land Acres <sup>2</sup>	Commercial Forest Land Acres	Allowable Sale Quantity MM bd. ft. <sup>3</sup>
Lakeview	27,900	12,300	27,900	1.4
Vale	29,300	700	26,000	2.4
Prineville	118,500	9,600	118,500	8.8
Salem	375,800	63,900	360,000	239.0
Eugene	308,200	31,200	307,900	223.0
Roseburg	404,300	343,500	402,000	247.0
Medford	837,400 <sup>4</sup>	235,500	716,100	213.0
Coos Bay	310,400	58,600	306,300	254.0
<b>Oregon Total</b>	<b>2,411,800</b>	<b>446,300</b>	<b>2,264,700</b>	<b>1,188.6</b>
Spokane	54,800	5,900	52,300	4.0
<b>Total</b>	<b>2,466,600</b>	<b>452,200</b>	<b>2,317,000</b>	<b>1,192.6</b>

<sup>1</sup> Difference between total forest acres and commercial forest land is non-commercial forest.  
<sup>2</sup> Land withdrawn from planned timber harvesting for other forest uses such as recreation sites, streamside buffers, scenic zones, and TPCC, but included in commercial forest land totals.  
<sup>3</sup> Million board feet. Set during 1980's decadal planning. 1990's planning now under way.  
<sup>4</sup> Includes Klamath County Lands now administered by Lakeview District.

### Oregon and Washington Commercial Forest Acres With No Planned Timber Harvest

Reservation	Acres	Allowable Sale Quantity Impact MM bd. ft.
TPCC (fragile sites, etc.)	320,386	215.5
Bald Eagles	3,200	2.0
Other Wildlife	5,350	.5
ACEC, RNA, ONA, cultural and botanical sites	10,571	5.3
Riparian Zones	59,440	41.1
Recreation Management	3,097	2.1
Older Forest Retention Areas (raptor habitat, etc.)	46,300	33.0
<b>Totals</b>	<b>448,344</b>	<b>299.5</b>

# Forestry

## Timber Sales

Volumes and sale prices of timber sold at auction by BLM.

District	FY 1989		FY 1990	
	Volume MMbd.ft.*	Value	Volume MMbd.ft.*	Value
Lakeview	6.9	\$1,946,866	31.8	\$7,333,306
Burns	2.4	603,955	—	—
Vale	.840	81,270	5.7	436,461
Prineville	16.5	949,055	16.5	1,287,036
Salem	204.0	59,041,680	214.0	71,462,942
Eugene	133.0	40,873,560	188.0	64,153,413
Roseburg	120.0	25,062,000	259.5	82,106,289
Medford	124.0	26,419,440	222.2	70,525,835
Coos Bay	159.0	41,449,710	224.1	79,255,416
<b>Oregon Total</b>	<b>766.7</b>	<b>196,427,536</b>	<b>1,162.7</b>	<b>376,560,698</b>
Spokane	.252	13,663	.020	1,800
<b>Total</b>	<b>767.0</b>	<b>\$196,441,199</b>	<b>1,162,420</b>	<b>\$376,562,498</b>

\* Thousand board feet



A rangeland drill reseeds a mahogany stand destroyed by the Pine Springs Fire near Burns in August 1990.

# Timber Harvests

## 1990 Harvested Volume (MM bd. ft.)

Western Oregon		Eastern Oregon and Washington	
Lakeview	17.0	Lakeview	2.0
Salem	208.0	Burns	—
Eugene	164.0	Vale	3.9
Roseburg	198.0	Prineville	26.1
Medford	146.0	Spokane	2.0
Coos Bay	210.0		
<b>Total</b>	<b>943.0</b>	<b>Total</b>	<b>34.0</b>

## Harvest Acreage by Method

District	FY 1989		FY 1990	
	Clearcut Acres	Partial cut Acres	Clearcut Acres	Partial cut Acres
Lakeview	236	387	97	1,441
Burns	—	1,001	—	—
Vale	—	154	38	765
Prineville	—	2,069	4,416	—
Salem	2,996	173	2,862	508
Eugene	2,372	281	2,711	805
Roseburg	2,778	375	4,591	700
Medford	4,499	2,587	3,450	5,181
Coos Bay	2,855	15	3,565	202
<b>Oregon Total</b>	<b>15,736</b>	<b>7,042</b>	<b>21,730</b>	<b>9,602</b>
Spokane	—	35	101	239
<b>Total</b>	<b>15,736</b>	<b>7,077</b>	<b>21,831</b>	<b>9,841</b>

# Forestry

## Timber Trespasses

District	FY 1989		FY 1990	
	No. of Cases	Collections	No. of Cases	Collections
Lakeview	2	\$ 6,299	1	\$8,970
Burns	—	—	—	—
Vale	—	—	1	740
Prineville	2	145	1	1,800
Salem	1	655	2	1,693
Eugene	19	25,367	9	28,626
Roseburg	15	21,299	6	12,328
Medford	11	13,128	27	58,119
Coos Bay	13	13,758	1	50
<b>Oregon Total</b>	<b>63</b>	<b>\$80,651</b>	<b>48</b>	<b>\$112,326</b>
Spokane	2	4,479	—	—
<b>Total</b>	<b>65</b>	<b>\$85,130</b>	<b>48</b>	<b>\$112,326</b>

## Minor Forest Products Sales

Item and Unit	FY 1989		FY 1990	
	Quantity	Value	Quantity	Value
Fuelwood, board feet	11,527,262	\$109,032	11,009,894	\$100,004
Bolts and shakes, board feet	263,305	32,454	538,705	24,356
Small poles, board feet	1,178,000	1,977	22,114	361
Large poles, board feet	4,600	217	6,399	34
Corral poles, board feet	30,190	876	51,557	1,384
Posts, board feet	42,760	1,570	43,869	1,239
Split rails, board feet	1,860	74	2,196	192
Mine timbers, board feet	—	—	—	—
Pulpwood, board feet	1,636,010	18,064	436,062	13,055
Cascara bark, pounds	4,000	180	2,420	118
Boughs, pounds	477,921	17,945	472,570	21,556
Ferns, bunches	21,282	939	27,130	1,550
Cones, bushels	261	35	2,200	110
Huckleberry brush, bunches	47,740	1,991	20,763	1,123
Christmas trees, each	4,243	8,959	10,870	22,086
Wildings, each	12,588	395	12,535	856
Moss, pounds	11,273	439	16,714	746
Arrow stock, board feet	173,502	11,254	116,665	8,349
Greens, bunches	47,840	6,033	80,675	3,721
Beachgrass, bunches	29,500	1,470	5,704	295
Mushrooms, pounds	—	—	2,250	45
Burls, pounds	—	—	21,848	1,587
Yew bark, pounds	—	—	10,368	1,555
<b>Total</b>		<b>\$213,904</b>		<b>\$204,322</b>

# Forestry

## Forest Development - I

Reforestation work in site preparation, planting, and seeding on commercial forest land is tabulated here. Natural seeding is not included.

District	1989	
	Site Preparation Acres	Planting Acres
Lakeview	2,556	844
Burns	—	—
Vale	284	223
Prineville	18	—
Salem	5,548	4,022
Eugene	2,715	5,643
Roseburg	5,450	7,329
Medford	4,508	14,242
Coos Bay	6,009	4,756
<b>Oregon Total</b>	<b>27,088</b>	<b>37,059</b>
Spokane	—	15
<b>Total</b>	<b>27,088</b>	<b>37,074</b>

District	1990	
	Site Preparation Acres	Planting Acres
Lakeview	365	569
Burns	—	—
Vale	284	223
Prineville	18	—
Salem	2,843	5,901
Eugene	3,215	5,189
Roseburg	4,153	9,388
Medford	8,312	12,092
Coos Bay	2,996	5,766
<b>Oregon Total</b>	<b>22,186</b>	<b>39,128</b>
Spokane	—	15
<b>Total</b>	<b>22,186</b>	<b>39,143</b>

# Forestry

## Forest Development - II

Plantation maintenance acres include both reforestation treatments made to protect unestablished stands from animals, insects, and disease and to release unestablished stands from competing vegetation.

FY 1989

District	Plantation Maintenance Acres
Lakeview	688
Burns	—
Vale	200
Prineville	—
Salem	3,597
Eugene	3,167
Roseburg	3,404
Medford	11,486
Coos Bay	3,812
<b>Oregon Total</b>	<b>26,354</b>
Spokane	—
<b>Total</b>	<b>26,354</b>

FY 1990

District	Plantation Maintenance Acres
Lakeview	2,762
Burns	—
Vale	—
Prineville	—
Salem	6,942
Eugene	8,808
Roseburg	5,347
Medford	20,544
Coos Bay	13,577
<b>Oregon Total</b>	<b>57,980</b>
Spokane	—
<b>Total</b>	<b>57,980</b>

# Forestry

## Forest Development - III

Fertilization and thinning accomplishments on commercial forest land are tabulated below. The "Improvement" column reports acres planted with genetically improved seedlings. "Tree Improvement" acres are included in the "Forest Development - I" Table.

FY 1989

District	Fertilization Acres	Improvement Acres	Thinning	
			Precommercial Acres	Commercial Acres*
Lakeview	—	—	184	0
Burns	—	—	—	—
Vale	—	—	—	—
Prineville	—	—	—	—
Salem	—	1,227	—	—
Eugene	—	2,006	36	509
Roseburg	—	42	—	194
Medford	—	1,404	—	47
Coos Bay	—	1,344	—	—
<b>Oregon Total</b>	<b>—</b>	<b>6,023</b>	<b>220</b>	<b>750</b>
Spokane	—	—	—	—
<b>Total</b>	<b>—</b>	<b>6,023</b>	<b>220</b>	<b>750</b>

FY 1990

District	Fertilization Acres	Improvement Acres	Thinning	
			Precommercial Acres	Commercial Acres*
Lakeview	—	—	660	—
Burns	—	—	—	—
Vale	—	—	—	—
Prineville	—	—	—	—
Salem	—	451	3,460	9
Eugene	—	1,887	8,033	792
Roseburg	5,000	50	6,025	72
Medford	—	922	1,966	125
Coos Bay	16,818	2,667	1,708	—
<b>Oregon Total</b>	<b>21,818</b>	<b>5,977</b>	<b>21,852</b>	<b>998</b>
Spokane	—	—	—	—
<b>Total</b>	<b>21,818</b>	<b>5,977</b>	<b>21,852</b>	<b>998</b>

\*Thinning acres harvested.

## Wild Horse and Burro Program

Comprehensive herd management area plans have been developed for wild horse management areas. Such plans describe range conditions, consider present and planned population levels, specify how water and forage are to be made available, and determine what measures will be taken to provide for other uses.

The goal is to maintain wild horse population levels in balance with the carrying capacity of the land and with habitat requirements for wildlife and livestock. This protects the environment for all uses. BLM in Oregon has been at target levels for more than two years. Efforts are now being aimed at herd improvement activities.

### Wild Horse Management

	Horses Removed From the Range 10/01/89-9/30/90	Horses on the Range 9/30/90	Levels to be Maintained
Lakeview	18	303	185 to 410
Burns <sup>1</sup>	445	769	560 to 1,030
Vale	—	937	58 to 1,150
Prineville	—	120	50 to 80
Forest Service	—	—	—
<b>Totals</b>	<b>463</b>	<b>2,129</b>	<b>1,375 to 2,670</b>

<sup>1</sup>All wild horses have been removed from Palomino Buttes Herd Management Area because of extreme drought conditions and lack of water. This herd will be re-established as soon as conditions permit.

### Summary FY 1990

In corral 10/01/90	85 horses, 4 burros
Gathered	463 horses
Born in corral	13 horses, 0 burros
Shipped into Oregon (gathered in other states)	0 horses
Adopted	130 horses, 0 burros
Repossessed	11 horses, 1 burro
Died or destroyed	23 horses
Returned to range	90 horses
To holding centers	270 horses, 3 burros
In corral 09/30/90	59 horses, 2 burros

## Rangelands



A herd of cattle grazes on public lands in Oregon's Vale District.

BLM in Oregon and Washington manages land grazed by livestock under permits and leases. Ranchers pay grazing fees for the privilege of using BLM rangelands. Rangeland uses are based on resource management plans which consider all resource values and establish priorities. The plans help identify the grazing allotments where investments in management will result in the greatest returns.

Various types of range improvements facilitate livestock management, increase the productivity of the land, and protect environmental quality. These include developing water sources for livestock and wildlife; constructing fences, cattle guards, and roads; rotating the use of pastures to promote healthy vegetation growth; controlling brush; and revegetating burned or depleted areas.

# Rangelands

## Livestock Grazing

Grazing use is tabulated for fiscal year 1990. Grazing fees for all BLM lands was \$1.86 per AUM from October 1, 1989 through February 28, 1990 and \$1.81 per AUM from March 1, 1990 through September 30, 1990.

District	Permits & Leases	AUMs <sup>1</sup>
Lakeview		
Permits	89	171,280
Leases	77	6,944
Burns		
Permits	168	228,644
Leases	7	3,300
Vale		
Permits	377	457,644
Leases	106	4,050
Prineville		
Permits	115	76,689
Leases	362	34,333
Eugene		
Leases	7	402
Roseburg		
Leases	16	954
Medford		
Leases	97	31,344
Coos Bay		
Leases	6	47
<b>Oregon Total</b>	<b>1,427</b>	<b>1,015,412</b>
Spokane		
Leases	331	25,197
<b>Total</b>	<b>1,758</b>	<b>1,040,609</b>

Above figures do not include numbers authorized by Exchange of Use Agreement.

This year, livestock grazing will be reported on a fiscal year basis rather than according to the grazing fee year due to data collection changes in switching from one grazing billing system to another.

<sup>1</sup>An AUM (animal unit month) is the forage required to sustain one cow (or its equivalent) for one month.

# Rangelands

## Resource Development and Conservation

Major watershed conservation and range improvement jobs are tabulated here. Other accomplishments include preparation of watershed management plans, soil stabilization, and water control.

FY 1989									
District	Vegetation Manipulation Acres	Grass Seeding Acres	Juniper Mgmt Acres	Fencing Miles	Cattle Guards Number	Pipe-line Miles	Number Reservoirs	Number Springs	Number Wells
Lakeview	23	—	83	6.0	—	—	7	1	—
Burns	2,000	2,500	—	44.0	9	—	—	4	4
Vale	1,400	—	—	22.0	11	5.3	4	14	—
Prineville	—	1,088	260	1.0	—	—	—	—	—
Medford	—	—	—	4.5	—	—	—	—	—
<b>Ore. Total</b>	<b>3,423</b>	<b>3,588</b>	<b>343</b>	<b>77.5</b>	<b>20</b>	<b>3.3</b>	<b>11</b>	<b>19</b>	<b>4</b>
Spokane	1,083	1,083	—	7.5	—	—	—	—	—
<b>Total</b>	<b>4,506</b>	<b>4,671</b>	<b>343</b>	<b>85.0</b>	<b>20</b>	<b>3.3</b>	<b>11</b>	<b>19</b>	<b>4</b>

FY 1990									
District	Vegetation Manipulation Acres	Grass Seeding Acres	Juniper Mgmt Acres	Fencing Miles	Cattle Guards Number	Pipe-line Miles	Number Reservoirs	Number Springs	Number Wells
Lakeview	640	—	—	36	3	7	4	—	—
Burns	4,071	4,071	20	18	5	4	—	5	4
Vale	800	—	—	15	4	1	5	11	1
Prineville	4,114	—	11	4	—	7	—	10	1
Medford	—	26	—	—	1	—	—	3	—
<b>Ore. Total</b>	<b>9,625</b>	<b>4,097</b>	<b>31</b>	<b>73</b>	<b>13</b>	<b>19</b>	<b>9</b>	<b>29</b>	<b>6</b>
Spokane	4	2	—	3	—	1	—	2	—
<b>Total</b>	<b>9,629</b>	<b>4,099</b>	<b>31</b>	<b>76</b>	<b>13</b>	<b>20</b>	<b>9</b>	<b>31</b>	<b>6</b>

Note: Some of the range improvements are actually reconstruction of older projects that have deteriorated beyond reasonable maintenance costs.



## Wildlife Habitat



Visitors can view this herd of nearly 100 Roosevelt elk at the O.H. Hinsdale Elk Viewing Area near Dean Creek.

Nearly all BLM-managed lands provide habitat for a diversity of fish and wildlife species. Therefore, in developing resource management plans it is necessary to recognize fish and wildlife needs in achieving a suitable balance among the various land uses. Special attention also is given to the habitats of endangered or threatened and migratory species.

BLM cooperates closely with state wildlife management agencies in improving habitat conditions, restoring animal populations, providing forage and water, and managing habitats to attain appropriate wildlife populations levels. BLM also welcomes the cooperation of wildlife groups, sports clubs, and others interested in wildlife habitat management.

## Wildlife Habitat

### Big Game Population Estimates

Big game animals which used lands managed by BLM during fiscal year 1990.

District	Pronghorn		Bighorn Mountain			Black	
	Antelope	Deer	Elk	Sheep	Goats	Bear	Cougar
Lakeview	3,300	23,000	160	100	—	60	6
Burns	4,330	22,400	1,020	470	—	15	10
Vale	5,100	36,500	5,500	550	10	80	40
Prineville	3,400	29,000	1,200	214	—	15	25
Salem	—	19,000	2,400	—	—	230	20
Eugene	—	18,600	560	—	—	340	25
Roseburg	—	16,600	660	—	—	90	15
Medford	—	22,000	950	—	—	850	50
Coos Bay	—	15,000	2,500	—	—	500	50
<b>Ore. Total</b>	<b>16,130</b>	<b>202,100</b>	<b>14,950</b>	<b>1,334</b>	<b>10</b>	<b>2,180</b>	<b>241</b>
Spokane	—	3,000	75	175	40	100	10
<b>Total</b>	<b>16,130</b>	<b>205,100</b>	<b>15,025</b>	<b>1,509</b>	<b>50</b>	<b>2,280</b>	<b>251</b>

### Wildlife Habitat on BLM Lands

As of 9/30/90.

District	Big Game Acres	Small Game Acres	Waterfowl Acres	Fishable Streams Miles
Lakeview	2,556,000	2,051,000	31,000	72
Burns	3,188,000	2,492,000	17,635	237
Vale	3,153,000	4,260,000	11,000	600
Prineville	1,295,000	1,481,000	13,600	434
Salem	383,000	383,000	15,160	620
Eugene	317,000	317,000	—	350
Roseburg	424,000	424,000	—	270
Medford	861,000	861,000	3,000	468
Coos Bay	280,000	300,000	2,000	344
<b>Ore. Total</b>	<b>12,457,000</b>	<b>12,569,000</b>	<b>93,395</b>	<b>3,395</b>
Spokane	316,000	316,000	3,300	123
<b>Total</b>	<b>12,773,000</b>	<b>12,885</b>	<b>96,695</b>	<b>3,518</b>

# Wildlife Habitat

## Terrestrial Habitat Improvement

District	Brush Control Acres		Grass/Legume Seeding, Acres		Fencing Miles		Water Development Number		Other Wildlife Improvements	
	1989	1990	1989	1990	1989	1990	1989	1990	1989	1990
Lakeview	—	—	400	—	7	15	10	2	19 <sup>3</sup>	5
Burns	7 <sup>1</sup>	—	1	1	6	1	7	—	6 <sup>3</sup>	2 <sup>1</sup> & 1 <sup>4</sup>
Vale	405 <sup>1</sup>	—	—	—	3	4	—	—	—	—
Prineville	—	280	30	280	2	—	7	1	300 <sup>5</sup>	31 <sup>5</sup>
Salem	—	—	—	—	—	—	—	—	—	—
Eugene	—	—	—	—	—	—	—	—	—	—
Roseburg	—	—	34	120	—	—	—	—	2 <sup>2</sup>	—
Medford	—	—	600	565	—	—	—	1	1 <sup>3</sup>	—
Coos Bay	—	—	1,810	1,109	2 <sup>4</sup>	2 <sup>4</sup>	—	—	3 <sup>5</sup>	6 <sup>2</sup>
<b>Ore. Total</b>	<b>412</b>	<b>280</b>	<b>2,875</b>	<b>2,075</b>	<b>27</b>	<b>22</b>	<b>24</b>	<b>4</b>	<b>331</b>	<b>45</b>
Spokane	3 <sup>1</sup>	—	—	—	5 <sup>4</sup>	1 <sup>5</sup>	—	—	6 <sup>2</sup>	5 <sup>4</sup> & 9 <sup>2</sup>
<b>Total</b>	<b>415</b>	<b>280</b>	<b>2,875</b>	<b>2,075</b>	<b>32</b>	<b>23</b>	<b>24</b>	<b>4</b>	<b>337</b>	<b>59</b>

- <sup>1</sup>Prescribed burn
- <sup>2</sup>Artificial Nest boxes
- <sup>3</sup>Water facilities improved
- <sup>4</sup>Wetlands improved
- <sup>5</sup>Fence modification

## Aquatic Habitat Improvement<sup>1</sup>

District	Stream <sup>2</sup> Clearance Miles		Spawning <sup>3</sup> and/or Rearing Area Miles		Improved <sup>4</sup> Fish Passage Miles		Instream Structures Number		Improved <sup>5</sup> Lakes and Reservoirs Acres	
	1989	1990	1989	1990	1989	1990	1989	1990	1989	1990
Lakeview	—	—	1	—	—	—	—	—	—	—
Burns	—	—	3	—	—	—	—	—	—	—
Vale	—	—	—	—	—	—	—	—	—	—
Prineville	—	—	15	20	—	—	—	15	—	—
Salem	—	—	1	—	—	—	153	571	—	—
Eugene	—	—	—	—	100	—	—	—	—	—
Roseburg	—	—	—	—	—	—	8	—	—	—
Medford	—	—	—	1	—	2	—	108	—	—
Coos Bay	—	—	11	5	—	10	11	26	—	—
<b>Ore. Total</b>	<b>—</b>	<b>—</b>	<b>31</b>	<b>26</b>	<b>100</b>	<b>12</b>	<b>172</b>	<b>720</b>	<b>—</b>	<b>—</b>
Spokane	—	—	—	—	—	—	5	2	1	—
<b>Total</b>	<b>—</b>	<b>—</b>	<b>31</b>	<b>26</b>	<b>100</b>	<b>12</b>	<b>177</b>	<b>722</b>	<b>1</b>	<b>—</b>

- <sup>1</sup>Miles refer to number of stream miles where fish production will be increased by the projects.
- <sup>2</sup>Removal of debris jams.
- <sup>3</sup>Also includes streambank stabilization.
- <sup>4</sup>Includes fish passage over waterfalls and dams and through culverts.
- <sup>5</sup>Includes new projects and improvement of existing water.

# Wildlife Habitat



The northern spotted owl was listed as a threatened species by the U.S. Fish and Wildlife Service in July of 1990.

## Northern Spotted Owl Banding on BLM Land

District	Adults/Subadults <sup>1</sup>		Juveniles <sup>2</sup>		Total	
	1989	1990	1989	1990	1989	1990
Lakeview	1	25	0	5	1	30
Salem	11	23	11	14	22	37
Eugene	46	45	14	30	60	75
Roseburg	87	95	62	81	149	176
Medford	66	163	21	87	87	250
Coos Bay	7	91	6	36	13	127
<b>Total</b>	<b>218</b>	<b>442</b>	<b>114</b>	<b>253</b>	<b>332</b>	<b>695</b>

- <sup>1</sup>Subadult owls are one to three years old. Adult birds are over three years old.
- <sup>2</sup>Juvenile owls are one year old or younger.

## Wildlife Habitat

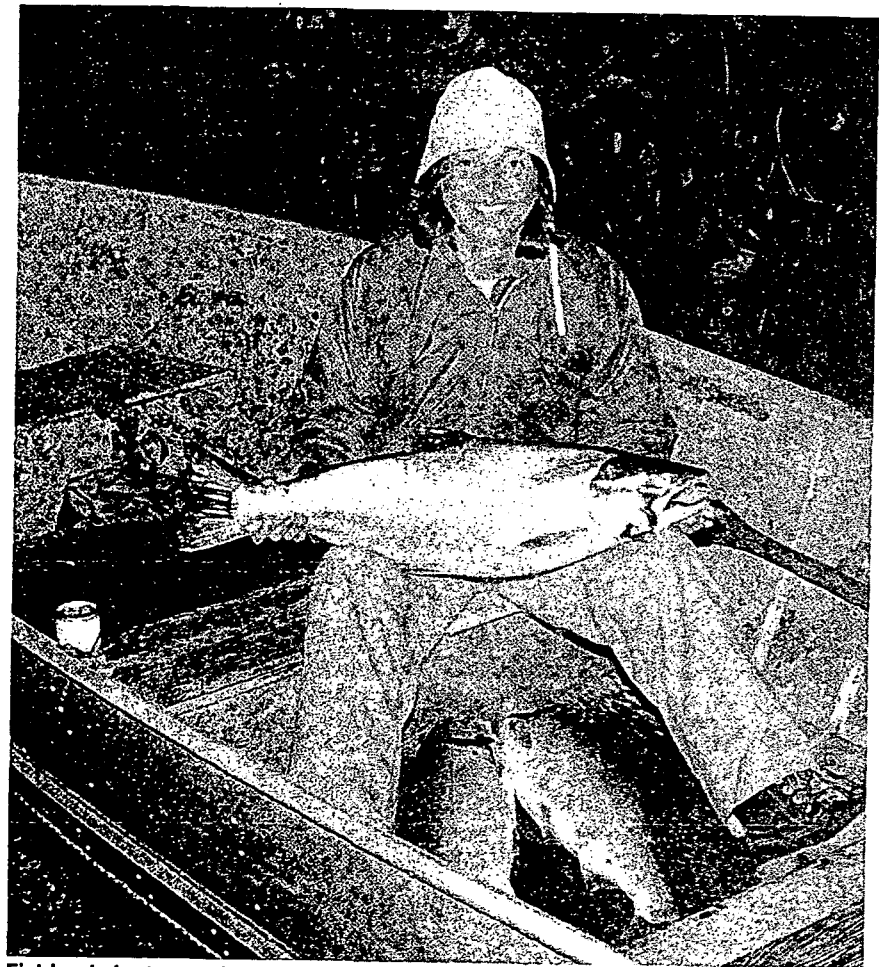
### Northern Spotted Owl Inventory and Monitoring

District	Confirmed Pairs		Single / Unconfirmed Pairs		Unoccupied Sites		Total Sites Visited		Juveniles Counted	
	1989	1990	1989	1990	1989	1990	1989	1990	1989	1990
Lakeview	2	11	3	3	0	0	5	14	0	5
Salem	39	47	14	14	6	8	59	69	19	23
Eugene	44	56	23	57	12	9	79	122	19	33
Roseburg	117	151	46	46	26	31	189	228	66	97
Medford	98	167	32	51	22	42	152	260	29	127
Coos Bay	23	54	26	13	3	1	52	68	13	44
<b>Total</b>	<b>323</b>	<b>486</b>	<b>144</b>	<b>184</b>	<b>69</b>	<b>91</b>	<b>536</b>	<b>761</b>	<b>146</b>	<b>329</b>

### Special Status Species Documented on BLM Land

Group	Federally Listed Species		Federal Candidate Species	
	Washington	Oregon	Washington	Oregon
Birds	3	5	4	6
Fish	0	6	0	9
Mammals	2	2	0	0
Reptiles/amphibians	0	0	0	2
<b>Total animals</b>	<b>5</b>	<b>13</b>	<b>4</b>	<b>17</b>
<b>Total plants</b>	<b>0</b>	<b>2</b>	<b>14</b>	<b>69</b>

## Recreation



Fishing is just one of many recreation activities enjoyed on BLM lands.

Diversity prevails in outdoor recreation on the lands managed by BLM. Most popular of all is enjoying the scenery of the wide open spaces, while other activities include picnicking, camping, hunting, fishing, swimming, boating, hiking, horseback riding, rockhounding, studying nature and taking photographs.

BLM provides recreation sites with picnicking and camping facilities in many popular locations, while natural conditions are preserved in wilderness areas. In between, there is plenty of room to roam while enjoying recreational pursuits. Fees are required at certain recreation sites, competitive events, and for commercial activities.

## Recreation

### Recreation Management

	Developed Sites *				Undeveloped Sites**	Special Recreation	
	Number	Camp Units	Picnic Units	Fees		Use Permit Number	Fees
Lakeview	2	62	3	\$1,500	25	24	\$10,230
Burns	4	73	26	11,182	6	5	1,130
Prineville	10	242	63	12,500	544	166	86,870
Vale	30	236	49	900	183	50	4,165
Salem	15	159	164	44,885	1	3	495
Eugene	4	63	59	13,058	1	0	0
Roseburg	11	91	78	18,529	2	0	0
Medford	39	119	108	9,794	63	123	103,350
Coos Bay	14	147	62	47,530	323	0	0
<b>Oregon Total</b>	<b>129</b>	<b>1,192</b>	<b>612</b>	<b>\$159,878</b>	<b>1,148</b>	<b>371</b>	<b>\$206,240</b>
Spokane	5	—	4	0	8	21	0
<b>Total</b>	<b>130</b>	<b>1,192</b>	<b>616</b>	<b>\$159,878</b>	<b>1,156</b>	<b>392</b>	<b>\$206,240</b>

\* Sites which fully meet fee collection criteria set forth in Section 4(b) of the Land and Water Conservation Fund Act, whether or not fees were collected.

\*\* Sites with some combination of sanitary facilities, water, fire containment, garbage cans or tables, which represent some type of management or maintenance commitment.

### Estimated Recreation Visits to BLM Lands<sup>1</sup>

Use	Fiscal Year 1990	
	Oregon	Washington
Off-road vehicle travel	394,170	2,700
Other motorized travel <sup>2</sup>	3,516,750	800,150
Non-motorized travel <sup>3</sup>	1,176,415	180
Camping	1,040,510	3,800
Hunting	615,175	1,208
Recreation site visits	2,179,705	244
Fishing	1,077,190	1,347
Boating	489,715	3,500
Other water based activities	611,210	12,260
Winter sports	134,475	0
Snowmobiling	36,100	0
<b>Total</b>	<b>11,271,415</b>	<b>825,389</b>

<sup>1</sup> A visit to BLM administered land and/or water by a person for the purpose of engaging in recreation activities, whether for a few minutes, or a full day.

<sup>2</sup> Includes recreation related driving for pleasure.

<sup>3</sup> Includes bicycling, horseback riding, backpacking, hiking and walking for pleasure.

## Recreation

### Wild and Scenic River System

In 1989, Congress passed the Oregon Omnibus Wild and Scenic River Act which included most of the rivers listed below. Rivers were designated under Section 3(a) of the Wild and Scenic Rivers Act under the administration of the Secretary of the Interior, Bureau of Land Management.

In the list below, the Rogue Wild and Scenic River was designated in 1968, the Owyhee Wild and Scenic River in 1984, and the remainder were designated in 1988.

River	District	Total Miles	Wild Scenic	Recreational
Crooked, Segment 1	Prineville	8.0		8.0
Crooked, Segment 2	Prineville	7.0		7.0
Deschutes, Segment 1	Prineville	19.0	19.0	
Deschutes, Segment 2	Prineville	100.0		100.0
Donner und Blitzen	Burns	72.7	72.7	
Grand Ronde	Vale	24.9	9.0	15.9
John Day (Main Stem)	Prineville	147.5		147.5
North Fork Crooked	Prineville	17.6	11.1	1.5
North Fork Owyhee	Vale	9.6	9.6	
North Umpqua	Roseburg	8.4		8.4
Owyhee	Vale	120.0	120.0	
Powder	Vale	11.7	11.7	
Quartzville Creek	Salem	12.0		12.0
Rogue	Medford	47.0	20.6	26.4
Salmon	Salem	8.0	4.8	3.2
Sandy	Salem	12.5	3.8	8.7
South Fork John Day	Prineville	47.0		47.0
West Little Owyhee	Vale	57.6	57.6	
White	Prineville	24.4	17.5	6.9
<b>Total</b>		<b>754.9</b>	<b>300.6</b>	<b>396.0</b>

## Recreation

### Back County Byways

In 1989, BLM designated 11 National Back County Byways in Oregon. The byway program responds to the public demand for pleasure driving opportunities, while enhancing recreation experiences and informing visitors about public land resources.

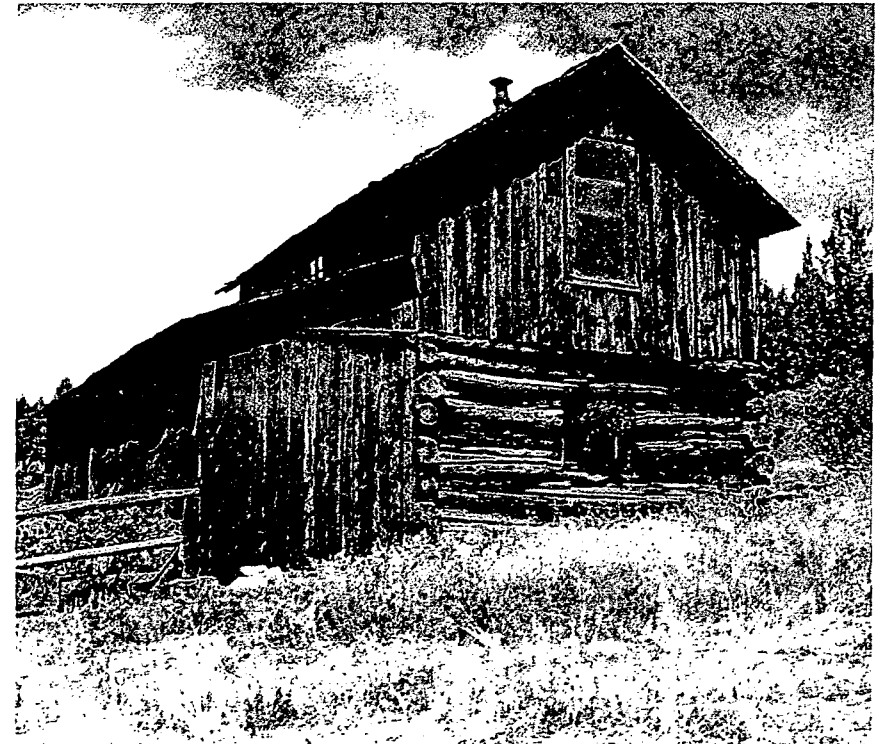
<u>District</u>	<u>Byway</u>	<u>Miles</u>	<u>Road Types</u>
Lakeview	Christmas Valley	102	paved, gravel
Lakeview and Burns	Lakeview to Steens	91	paved, gravel
Burns	Steens Mountains	66	gravel
	*Diamond Loop	64	paved
Vale	Leslie Gulch/ Succor Creek	50	gravel, dirt
	*Snake River/ Morman Basin	130	paved, gravel, dirt
Prineville	Lower Deschutes River	39	paved, gravel
	Lower Crooked River	43	paved, gravel
	South Fork John Day River	43	paved, gravel
Salem	Nestucca River	48	paved, gravel
	South Fork Alsea River	11	paved, gravel
Medford	Galice-Helgate	39	paved
	Grave Creek to Marial	33	paved

\*In the coming year, two additional Byways will be dedicated.

## Cultural Resources

### Developments

In FY 1990, rehabilitation measures were begun on the Riddle Brothers Historic Ranch District in the Steens Mountain area of the Burns District. The recently acquired facility is destined to become part of the Steens Mountain Interpretive developments. In addition, an exhibit on the Yaquina Head Archaeological Site was constructed and installed for the Oregon State Fair. It will remain for the 1991 fair as well. A formal working partnership with the High Desert Museum of central Oregon was established this year, laying the groundwork for future interpretive displays at that facility. The Oregon/Washington BLM cultural Resource publication series has produced five volumes describing both historic and prehistoric cultural resource investigations carried out on public lands throughout the region. Topics to date include Yaquina Head, the Umpqua River basin, the Trout Creek Mountain area of southeast Oregon, and Prineville District's central Oregon area.



The main ranch house of the Riddle Brothers Ranch is a turn-of-the-century complex of ranch structures represents the history of the cattle and horse ranching industry in the semi-arid southeast Oregon region.

## Cultural Resources

### Adventures in the Past

To enhance public enjoyment of cultural resources on public lands in Oregon and Washington, "Adventures in the Past," was initiated bureau-wide in FY 90. As part of this effort, a number of interpretive projects have been underway for some time, and others have been recently begun. A list of on-site interpretive accommodations are listed below.

Site	District	Features
Rogue River Ranch National Register Site	Medford	interpretive displays
Whiskey Creek Cabin National Register Site	Medford	public viewing
Yaquina Head Lighthouse and Archaeological Site	Salem	on-site naturalist interpreter
Mack Canyon National Register and Archaeological Site	Prineville	interpretive panels
China Mining Ditch	Roseburg	interpretive panels
Keeney Pass Oregon Trail National Register District	Vale	interpretive kiosk
Four Mile Canyon Oregon Trail Site	Prineville	interpretive signs
Flagstaff Hill Oregon Trail Site	Vale	interpretive kiosk future visitor center

## Wilderness

Oregon has four BLM-managed wilderness areas (16,703 acres), and 92 wilderness study areas (including 5 instant study areas) totalling 2.8 million acres.

Washington has one BLM-managed wilderness area, Juniper Dunes (approximately 7,140 acres), and 1 wilderness study area totalling 5,518 acres.



The Leslie Gulch Tuffaceous Ash, volcanic in origin, provides a striking landmark in the Vale District's Slocum Creek Wilderness Study Area.

## Wilderness

BLM is completing a 15-year study of roadless areas set in motion by the 1976 Federal Land Policy and Management Act. Wilderness Study Areas (WSA's) have been studied through a land use planning process, and final recommendations on each regarding their suitability for wilderness area designation and addition to the National Wilderness Preservation System are being developed. Final recommendations on each of the 88 WSA's in Oregon and Washington will be transmitted to the Secretary of Interior in 1991. Preliminary recommendations were issued in 1990 in the Final Oregon Wilderness Environmental Impact Statement and related documents and totaled 1.3 million acres suitable for wilderness designation and 1.5 million acres not suitable for designation. Final decisions on each area will be made by Congress via legislation. Wilderness values in all WSA's are protected by BLM until final decisions are rendered by Congress.

District	Wilderness Areas		Wilderness Study Areas	
	Areas	Acres	Areas	Acres
Salem	1	5,500	—	—
Medford	1	10,160	1	5,640
Vale	1	1,038	32	1,110,583
Coos Bay	1	5	2	8
Prineville	—	—	16	175,622
Lakeview	—	—	13	423,604
Burns	—	—	23	1,075,337
<b>Oregon total</b>	<b>4</b>	<b>16,703</b>	<b>87</b>	<b>2,790,794</b>
Spokane	1	7,140	1	5,518
<b>Total</b>	<b>5</b>	<b>23,843</b>	<b>88</b>	<b>2,796,312</b>

## Minerals and Energy

BLM is responsible for administering minerals management laws on all Federal lands and also on other lands where mineral rights have been retained by the United States. BLM also assists the Bureau of Indian Affairs in supervising mineral activities on Indian lands. BLM issues mineral leases, regulates exploration and production, maintains records of mining claims and administers sales of common minerals. Operators' plans are reviewed to ensure conservation of mineral resources and protection of other resource values. Operations and rehabilitation of mined and drilled areas are monitored.

The minerals and energy resource management programs continue to gain visibility in Oregon and Washington. BLM is responsible for approximately 56 million acres of Federal minerals in the two states. Of that acreage, about 601,419 acres were under lease for oil and gas, 239,957 for geothermal resources and 1,059 acres for coal in FY 1990. Approximately 8,298 new mining claims were filed for hard rock minerals such as gold and silver. There were 66,043 active mining claims.

### Number of Mining Claim Recordations (all Public Lands)

Claims: 66,043 recorded  
Annual Filings: 50,046 assessments processed

Number of Claim Notices and Plans of Operations: 238

Value of Mineral Material Production: \$1.5 million

### Mineral Leases

Coal: 3  
Uranium (Indian Lands): 3  
Mineral Materials (Indian Lands): 14  
Hard-Rock (Public Domain): 0  
Oil and Gas: 314  
Geothermal: 161  
Prospecting Permits: 8

### Leasable Minerals Operations

Activity	State	
	Oregon	Washington
<b>Oil and Gas</b>		
Exploration Permits	—	—
Miles of Seismic Survey	—	—
No. of Wells Drilled	—	—
Total Footage Drilled	—	—
No. Unit Agreements	—	—
<b>Geothermal</b>		
No. of Wells Drilled	5	—
Total Footage Drilled	8423'	—
No. of Unit Agreements	2	—

\*Total footage, all holes.

## Minerals and Energy

### Minerals

Item	Oregon		Washington	
	FY 1989	FY 1990	FY 1989	FY 1990
Mineral Patents Issued	3	2	—	—
Coal Leases Issued, Acres	—	—	—	—
Coal Leases in Force, Acres	538	538	521	521
Oil & Gas Leases Issued, Acres	50,119	105,070	3,339	2,281
Oil & Gas Leases in Force, Acres	394,009	440,949	538,970	160,470

### Geothermal Leases in Effect September 30, 1990

	Oregon		Washington		
	Number	Acreage	Number	Acreage	
USDA Forest Service	143	220,636.08	USDA Forest Service	1	1,913.00
BLM	9	17,407.91	BLM	0	0
<b>Total</b>	<b>152</b>	<b>238,043.99</b>	<b>Total</b>	<b>1</b>	<b>1,913.00</b>

### Federal Lands Available for Mining and Mineral Leasing (as of 9-30-90).

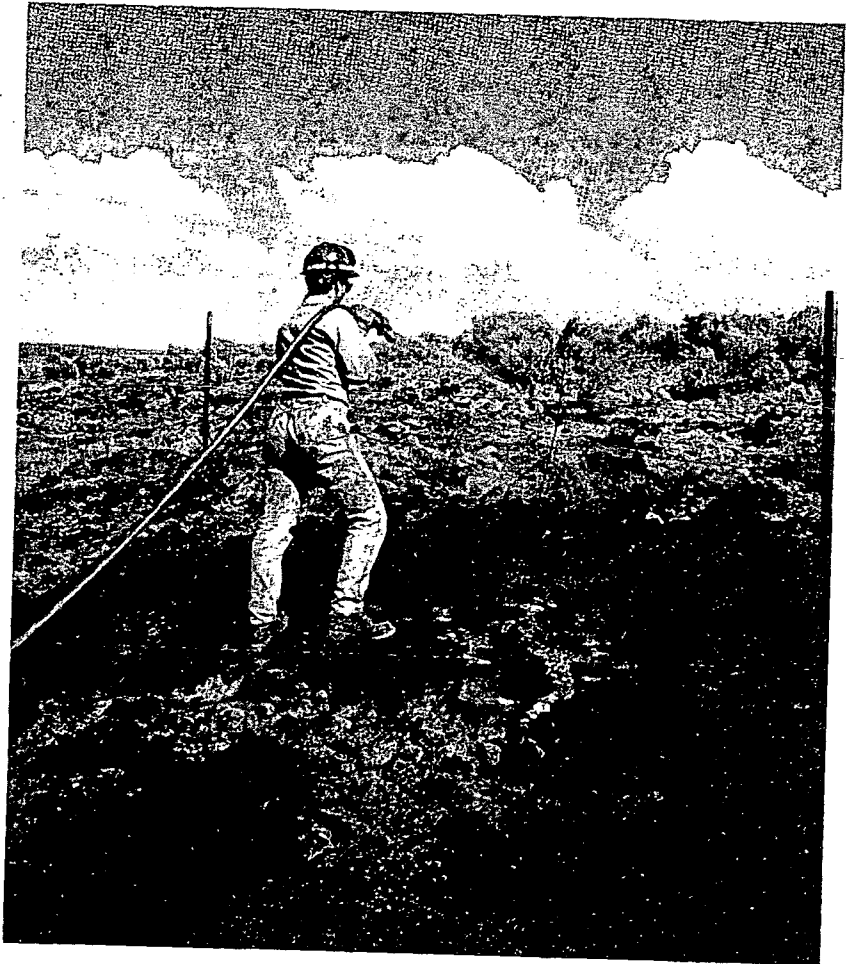
	Oregon		Washington	
	Acres Open	Acres Closed	Acres Open	Acres Closed
Location and Entry Under the Mining Laws <sup>1</sup>	28,880,000	4,720,000	6,327,000	5,303,000
Application and Offer Under the Mineral Leasing Laws <sup>1,2</sup>	29,670,000	6,170,000	6,310,000	5,320,000

<sup>1</sup>Acreage also includes Federal subsurface ownership where surface is not owned by the United States.

<sup>2</sup>Acreage also includes acquired lands.

## Support

There are a wide variety of support activities including programs in engineering design and construction, cadastral survey, cartography, fire management and control, unauthorized use prevention, road and recreation site maintenance, access acquisition, land and mineral appraisal, lands and mineral case adjudication, land status records, and mining claim recordation. Public land records are maintained and information is provided about the land records and public land laws and mineral laws.



Cindy Israel, a BLM engine foreman, works to put out the Hogback Fire in the Lakeview District.



# Support

## Fire Management

BLM's electronic lightning detection system instantly plots cloud-to-ground lightning strikes, permitting prompt suppression of lightning-caused fires if necessary. However, BLM strives to manage fire, rather than merely suppress it. Prescribed burning enhances wildlife habitat, improves range forage mixes, improves watersheds, and removes timber harvest residues to avoid wildfires and simplify reforestation.

## Fire Statistical Summary

Number of fires and acres burned on lands managed by the Bureau of Land Management in Oregon and Washington during 1990.

	Human Caused		Lightning Caused		Total Number Fires	Total BLM Acres Burned
	No. of Fires	BLM Acres Burned	No. Of Fires	BLM Acres Burned		
Lakeview Burns	10	6	61	261	71	267
Vale	8	1	46	34,647	54	34,648
Prineville	9	8	54	4,000	63	4,008
Salem	16	3	94	2895	110	2898
Eugene	5	57	2	0	7	57
Roseburg	6	13	0	0	6	13
Medford	9	87	4	3	13	100
Coos Bay	23	96	28	160	51	256
<b>Oregon Total</b>	<b>73</b>	<b>304</b>	<b>289</b>	<b>41,966</b>	<b>382</b>	<b>42,280</b>
Spokane	9	324	7	302	16	626
<b>Total</b>	<b>82</b>	<b>628</b>	<b>296</b>	<b>42,268</b>	<b>398</b>	<b>42,906</b>

## Average Number of Fires Annually During Five Years, 1985-1989

Human Caused:	Number	BLM Acres	Lightning Caused:	Number	BLM Acres
	118	17,267		275	112,735

Total Fires for 5 Years: 1,964  
Total BLM Acres for 5 Years: 650,009

## Average Number of Fires Annually During Ten Years, 1980-1989

Human Caused:	Number	BLM Acres	Lightning Caused:	Number	BLM Acres
	112	20,290		248	96,984

Total Fires for 10 Years: 3,602  
Total BLM Acres for 10 Years: 1,172,735

# Support

## Numbers of Fires by Size Class

Size Class	1990	5-Year Average (1985-1989)
A (0-.25 acres)	238	193
B (.26-9 acres)	100	107
C (10-99 acres)	30	41
D (100-299 acres)	10	17
E and larger (300+ acres)	21	36
False Alarms	58	41

## Prescribed Fire Statistical Summary

	Prescribed Forestry		Hazard		Water-shed	Total	Escaped	Fires
	Fires	Site Prep	Wildlife	Reduct. Range				
<b>Eastern Oregon &amp; Washington</b>								
Lakeview	28	1,050	0	0	600	0	0	0
Burns	1	0	490	0	0	0	0	0
Vale	1	0	0	0	800	0	0	0
Prineville	10	0	335	0	40	1,400	0	0
Spokane	0	0	0	0	0	0	0	0
<b>Total</b>	<b>40</b>	<b>1,050</b>	<b>825</b>	<b>0</b>	<b>1,440</b>	<b>1,400</b>	<b>0</b>	<b>0</b>
<b>Western Oregon</b>								
Salem	84	2,353	0	0	0	0	0	0
Eugene	44	1,411	0	0	0	0	0	0
Roseburg	163	4,427	0	0	0	0	3	3
Medford	186	5,669	0	0	0	0	3	77
Coos Bay	112	3,470	0	0	0	0	1	1
<b>Total</b>	<b>589</b>	<b>17,330</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>113</b>
<b>Oregon &amp; Washington</b>								
<b>Total</b>	<b>629</b>	<b>18,380</b>	<b>825</b>	<b>0</b>	<b>1,440</b>	<b>1,400</b>	<b>0</b>	<b>113</b>

## State 5-year Average (FY 1985-1989)

Average Number of Projects:	597
Average Acres Treated:	21,538
Forestry	15,173
Wildlife	391
Hazard Reduction	848
Range	3,643
Watershed	1,153
Other	330
<b>Total Projects for 5 Years:</b>	<b>2,896</b>
<b>Total Acres Treated for 5 Years:</b>	<b>107,693</b>

# Support

## Roads

The BLM road transportation system in Oregon as of 9/30/90 totaled 28,712 miles — 19,177 miles in western Oregon and 9,401 miles in eastern Oregon. Washington has 134 miles.

Appropriated-fund-constructed mileage has stayed at 1,109 miles (312 miles in eastern Oregon, 797 miles in western Oregon) since no funds have been appropriated for road construction for the past several years. No appropriated-fund roads have been constructed in Washington.

Roads constructed under the terms of timber sale contracts are shown in the table below. Other road mileage has been acquired by purchase, donation, and construction by others under permit, such as the Civilian Conservation Corps in the 1930s.

In FY 1990, 7,928 miles, or about one third of the 28,712-mile BLM transportation system, were maintained. This included 5,398 miles of road in western Oregon and 648 miles in eastern Oregon maintained by BLM; and 1,809 miles on the west side and 73 miles on the east side maintained by timber purchasers (under the terms of timber sale contracts) and by other government agencies or timber companies (under the terms of agreements). All roads are not maintained annually, but at varying intervals based on need.

### Transportation System — Roads and Bridges

District	Existing (1989) and New (1990)						Maintenance		
	Roads (Miles)			Road Bridges (No.)			Roads (Miles)		
	FY1989	FY1990	Total	FY1989	FY1990	Total	By BLM	By Others	Not Maintained
Lakeview	2,432	—	2,432	5	—	5	220	—	2,212
Burns	3,090	—	3,090	4	—	4	68	—	3,022
Vale	2,582	—	2,582	4	—	4	240	20	2,302
Prineville	1,297	—	1,297	7	—	7	120	53	1,124
<b>Total E. Ore.</b>	<b>9,401</b>	<b>—</b>	<b>9,401</b>	<b>20</b>	<b>—</b>	<b>20</b>	<b>648</b>	<b>73</b>	<b>8,680</b>
Lakeview	397	9	406	—	—	—	24	134	248
Salem	3,975	6	3,981	70	—	70	761	75	3,145
Eugene	2,644	15	2,659	42	—	42	1,137	113	1,409
Roseburg	3,793	21	3,814	67	—	67	1,020	239	2,555
Medford**	4,907	659	5,566	68	—	68	1,292	1,169	2,505
Coos Bay**	2,810	-59	2,751	79*	—	79	1,164	79	1,513
<b>Total W. Ore.</b>	<b>18,526</b>	<b>651</b>	<b>19,177</b>	<b>326</b>	<b>—</b>	<b>326</b>	<b>5,398</b>	<b>1,809</b>	<b>11,375</b>
<b>Ore. Total</b>	<b>27,927</b>	<b>651</b>	<b>28,578</b>	<b>346</b>	<b>—</b>	<b>346</b>	<b>6,046</b>	<b>1,882</b>	<b>20,055</b>
Spokane	134	—	134	—	—	—	—	—	134
<b>Total</b>	<b>28,061</b>	<b>651</b>	<b>28,712</b>	<b>346</b>	<b>—</b>	<b>346</b>	<b>6,046</b>	<b>1,882</b>	<b>20,189</b>

\* Plus three portable bridges

\*\* FY base data was adjusted for inventory corrections made in GIS process.

# Support

## Rights of Way

Right of way permits issued by the Oregon State Office during the 1988 and 1989 fiscal years. (Does not include permits for logging roads in western Oregon.)

Kind	Oregon		Washington	
	FY 1989	FY 1990	FY 1989	FY 1990
Energy Related <sup>1</sup>	18	4	1	0
Non-energy Related <sup>2</sup>	126	137	12	9
<b>Total</b>	<b>144</b>	<b>141</b>	<b>13</b>	<b>9</b>

<sup>1</sup>Includes electric transmission lines and oil and gas pipelines.

<sup>2</sup>Includes telephone and telegraph lines, communication sites, water pipelines, roads, highways, material sites, etc.

## Road Right of Way Permits and Agreements

Right of way permits issued for logging and reciprocal right of way and road use agreements signed.

District	Permits Issued		Agreements Signed	
	FY 1989	FY 1990	FY 1989	FY 1990
Lakeview	1	9	—	—
Burns	—	4	—	—
Vale	—	—	—	—
Prineville	38	16	—	4
Salem	30	11	—	—
Eugene	17	17	—	1
Roseburg	13	12	5	—
Medford	53	4	—	4
Coos Bay	11	10	—	—
<b>Oregon Total</b>	<b>163</b>	<b>83</b>	<b>5</b>	<b>9</b>
Spokane	—	—	—	—
<b>Total</b>	<b>163</b>	<b>83</b>	<b>5</b>	<b>9</b>

## Lands

The Lands program includes the processing of lands and minerals application (casework) from other Federal agencies, state and local governments, and private individuals. This includes field examination, classification and issuance of land use decisions, title conveyances, leases, permits, rights-of-way, withdrawals and withdrawal review. It also provides for maintenance of public records in Oregon and Washington, issuance of public land status, and information about the public land and minerals laws.

# Support

## Road Right of Way Easements and Lands Acquired

District	FY 1989	FY 1990
	Direct Purchase	Direct Purchase
Lakeview	1	—
Burns	4	—
Vale	4	2
Prineville	—	—
Salem	3	14
Eugene	4	2
Roseburg	9	4
Medford	9	7
Coos Bay	—	2
Spokane	—	5
<b>Total</b>	<b>34</b>	<b>36</b>

\*There have not been any eminent domain acquisitions for several years. That portion of the table has been dropped as of 1989.

## Other Acquisitions

District	FY 1989	FY 1990
	Direct Purchase Acres	Direct Purchase Acres
Lakeview: Warner Lakes	7,888	—
Burns: Steens Mtn. Rec. Area	1,080	—
Spokane: Juniper Dunes Wilderness Donation	306	20
<b>Total</b>	<b>9,274</b>	<b>20</b>

# Support

## Withdrawal Review Recommendations

Through the Federal Land Policy and Management Act of 1976, Congress mandated that the Secretary of the Interior, through the Bureau of Land Management, must review certain land withdrawals of all Federal lands to determine whether the withdrawals are still justified, and to what extent the lands involved can be opened for multiple use. Land classifications are also being reviewed in this effort. Oregon and Washington have approximately 25 percent of the 6,000 land withdrawals subject to review nationwide.

### Reviewed in FY 1990

	Revoke		Continue		Totals	
	No.	Acres	No.	Acres	No.	Acres
<b>Oregon</b>						
Withdrawals Land Classifications	14	201	0	0	14	201
<b>Washington</b>						
Withdrawals Land Classifications	1	305	0	0	1	305
<b>Total</b>	<b>15</b>	<b>506</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>506</b>

### Total Reviewed Since October 21, 1976

	Revoke		Continue		Totals	
	No.	Acres	No.	Acres	No.	Acres
<b>Oregon</b>						
Withdrawals Land Classifications	417	931,074	118	432,196	535	1,363,270
	87	9,544,120	61	3,893,612	148	13,437,732
<b>Washington</b>						
Withdrawals Land Classifications	227	911,333	54	10,890	281	922,223
	18	24,379	19	1,690	37	26,069
<b>Total</b>	<b>749</b>	<b>11,410,906</b>	<b>252</b>	<b>4,338,388</b>	<b>1,001</b>	<b>15,749,294</b>

## Support

### Lands Transferred Between BLM and Other Federal Agencies

	FY 1989 Acres	FY 1990 Acres
<b>Oregon</b>		
Jurisdiction Transferred to BLM	—	—
Jurisdiction Transferred from BLM	2,622	—
<b>Washington</b>		
Jurisdiction Transferred to BLM	—	2,211
Jurisdiction Transferred from BLM	—	—

### Land Leases

(In effect 9-30-89)

Kind	Oregon		Washington	
	Number	Acres	Number	Acres
Recreation & Public Purposes Act	48	3,237	12	1,877
Small Tract	4	4	—	—
Airport	4	197	—	—
Mining Claim Occupancy Act	8	15	—	—
Public Works	1	4	1	1
Communication Site	1	1	—	—
Sec. 302 FLPMA Leases, Permits and Easements	137	64,411	9	138
<b>Total</b>	<b>203</b>	<b>67,869</b>	<b>22</b>	<b>2,016</b>

### Land Leases

(In effect 9-30-90)

Kind	Oregon		Washington	
	Number	Acres	Number	Acres
Recreation & Public Purposes Act	48	3,237	12	1,877
Small Tract	4	4	—	—
Airport	4	197	—	—
Mining Claim Occupancy Act	8	15	—	—
Public Works	1	4	1	1
Communication Site	1	1	—	—
Sec. 302 FLPMA Leases, Permits and Easements	147	64,774	8	112
<b>Total</b>	<b>213</b>	<b>68,232</b>	<b>21</b>	<b>1,990</b>

## Support

### Lands Received by BLM

	FY 1989 Acres	FY 1990 Acres
<b>Oregon</b>		
Exchanges	7,339	8,356
Reconveyance of Recreation & Public Purposes Act Land	—	—
Acquisitions in Fee	8,469	—
<b>Total</b>	<b>15,808</b>	<b>8,356</b>
<b>Washington</b>		
Exchanges	1,960	9,685
Reconveyance of Recreation & Public Purposes Act Land	—	—
Acquisition in Fee	307	20
<b>Total</b>	<b>2,267</b>	<b>9,705</b>
<b>Grand Total</b>	<b>18,075</b>	<b>18,061</b>

### Surveys

Cadastral surveys are performed to create, mark and define, or to retrace the boundaries between adjoining lands and, more particularly, between land of the federal government and private owners or local governments. The Bureau of Land Management is the only agency that is authorized to determine the boundaries of the public lands of the United States.

### Public Land Surveys

Kind	FY 1989		FY 1990	
	Oregon	Washington	Oregon	Washington
Miles of Line Retraced or Surveyed	472	111	532	93
Corners Monumented	423	247	780	157
Plats Accepted	48	14	70	22

## Support

### Land Patents Issued

Kind of Patent	FY 1989		FY 1990	
	No.	Acres	No.	Acres
<b>Oregon—BLM</b>				
Public Sale	10	964	5	214
Exchange	6	2,425	6	4,928
Mining Claim Patent	2	106	2	865
Color of Title Patent	1	39	—	—
Conveyance of Federally Owned Minerals	—	—	1	484
Corrective Patent	—	—	1	6
Equitable Ajudication Patent	1	7	—	—
<b>Total</b>	<b>20</b>	<b>3,541</b>	<b>15</b>	<b>6,497</b>
<b>Oregon—Other Agency</b>				
Indian Fee Patents	2	80	6	11
National Forest Exchange	7	11,306	7	5,779
Reclamation Sale	1	49	—	—
Wildlife Refuge Exchange	—	—	—	—
Curative Forest Exchange	—	—	—	—
<b>Total</b>	<b>10</b>	<b>11,435</b>	<b>13</b>	<b>5,790</b>
<b>Washington—BLM</b>				
Exchange	2	969	2	3,638
Public Sale	3	8	—	—
Curative Sale Patent	1	2	—	—
<b>Total</b>	<b>6</b>	<b>979</b>	<b>2</b>	<b>3,638</b>
<b>Washington—Other Agency</b>				
Indian Fee and Re-issue Trust	5	125	6	366
National Forest Exchange	5	16,355	10	11,050
<b>Total</b>	<b>10</b>	<b>16,480</b>	<b>16</b>	<b>11,416</b>
<b>Total - BLM</b>	<b>26</b>	<b>4,520</b>	<b>17</b>	<b>10,135</b>
<b>Total - Other Agency</b>	<b>20</b>	<b>27,915</b>	<b>29</b>	<b>17,206</b>

## Law Enforcement

The Law Enforcement office has two sections: the Resource Investigations and Patrol Operations Section and the Drug Enforcement Section. Uniformed Rangers work in Districts and Resource Areas performing patrol activities and law enforcement services on BLM administered lands. The Special Agents, who work out of the state office, conduct investigations covering a full range of violations which include timber theft, drug crimes, thefts of BLM property, assaults on employees, theft of archaeological resources, occupancy trespass, destruction of BLM property, and investigations of all other crimes which affect the administration of the Bureau of Land Management.

BLM's Agents and Rangers work closely with their State and Federal counterparts, taking part in drug task forces on public lands, joint timber investigations, as well as taking part in many local and state level law enforcement associations, meetings on crime prevention, and criminal information sharing.

### Misdemeanor Violations/Prosecutions

Archaeological Resource Protection Act	1
Destruction of Government Property	1
Timber theft	10
Theft of Natural Resources	1
Violation of Fire Regulations	6
Sanitation and Littering	5
Theft of Small Forest Products	3
Destruction of Natural Features	1
Grazing without Authorization	1
<b>Total</b>	<b>29</b>

## Law Enforcement

### Felony Resource Investigations

Theft of Government Property	5
Timber Theft	6
Assault on employee	2
Violation of Archaeological Resources	2
<b>Total</b>	<b>15</b>

### Ranger Activities

Patrol Units*	Public Contacts	Violations Observed**	Warnings	Citations Issued
474	4,039	402	325	27

\* A patrol unit is equal to one officer patrolling for eight hours.

\*\* The difference between the number of violations observed and the total warnings and citations issued is due to the fact that many violations are observed after the fact, with no violator present.

### Marijuana Eradication Statistics

	1989	1990
Gardens located	340	159
Plants located	16,600	6,205
Raids	187	88
Arrests	8	30
Suspects	11	2
Counties targeted	18	16
Street value	\$41.5 million @ \$2,000/plant	\$30.2 million @ \$3,000/plant
Drug labs found	5	4
Other drug seizures	3	0
Cash seizures	\$4,600	\$10,500
Firearms/booby traps	3	7

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under United States Administration.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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