
BLM Facts

Oregon and Washington
1986



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



U.S. Department of the Interior

BUREAU OF LAND MANAGEMENT

OREGON STATE OFFICE
P.O. Box 2965 (825 NE Multnomah Street)
Portland, Oregon 97208

February 13, 1987

Dear Reader:

Since I assumed my responsibilities as state director for BLM in Oregon and Washington last July I have been impressed with what I have learned about the employees and how they manage the public lands resources in the two states. Before you turn to the facts portion of this publication, I would like to highlight some of the major achievements of the last fiscal year.

In western Oregon, 1.2 million board feet of timber was harvested; 1,349 million board feet (MMBF) were offered for sale, including 45 MMBF which will be credited in fiscal year 1987 and 96 MMBF make up volume in Medford to compensate for sales protested and appealed in fiscal year 1985.

Fourteen million seedling trees were planted to reforest 24,000 acres.

More than 1,410 volunteers contributed 49,599 hours of work to BLM valued at \$508,063.

BLM acquired approximately 2,824 acres of private land within the Steens Mountain Recreation Lands in southeastern Oregon. About 2,064 acres were purchased from the Trust for Public Lands (TPL) using money appropriated by Congress from the Land and Water Conservation Fund; the remaining 760 acres were acquired through a land exchange with TPL.

BLM acquired approximately 3,248 acres of land adjacent to the John Day River in north central Oregon through a land exchange with a private party. The land includes about 5 miles of river frontage and has considerable value for public recreation.

BLM transferred four parcels of land to State of Washington agencies for use by the public. The Recreation and Public Purposes Act patents were issued to the Washington State Department of Game for two islands in Moses Lake in central Washington to be used for public hunting fishing areas, and two patents were issued for lands in the San Juan Islands area to the Washington State Parks and Recreation Commission for public parks purposes.

Under the President's Reform 88 program \$799,000 in cost savings through efficiency initiatives and value analysis reviews were identified.

A Prime 9955-II computer was procured for Geographic Information System work. When installed the computer, the largest within BLM, will help develop the 1990's western Oregon resource management plans.

A BLM state-wide data communications network was connected using the State of Oregon microwave facilities to reduce telephone cost for data communications and improve access.

Under the five-year comprehensive anadromous fish habitat enhancement plan for Oregon coastal rivers, eighteen habitat improvement projects that will increase production of salmon and steelhead in over 18 miles of tributary streams was completed. Major construction included 783 instream structures (boulder berms, woody material, gabions, etc.), 69 rearing pools, 361 boulder groupings and 22 side channels that will create 1.3 miles of new permanent habitat.

Eight intensive evaluations of archaeological sites were conducted to determine their scientific importance, including sites at Gerber Reservoir, along the Umpqua River, Yaquina Head and the foothills near Eugene.

Approximately 1,000 wild horses were gathered from public lands leaving an identified need to gather an additional 1,400 animals in 1987 to maintain Oregon Oregon's wild horse herds (18 in all) within prescribed management limits.

Over 14,000 acres of the 258,000 acres burned in wildland fires in eastern Oregon were seeded with a combination of crested wheatgrass and native species. Use of interdisciplinary review teams and adherence to BLM policy reduced the required fire rehabilitation seedings from near 30 percent three years ago to this year's low of 5.4 percent while providing protection of soils to maintain long term site productivity.

Mineral investigations were conducted on 220,000 acres in wilderness study areas in southeastern Oregon for use in determination of wilderness suitability.

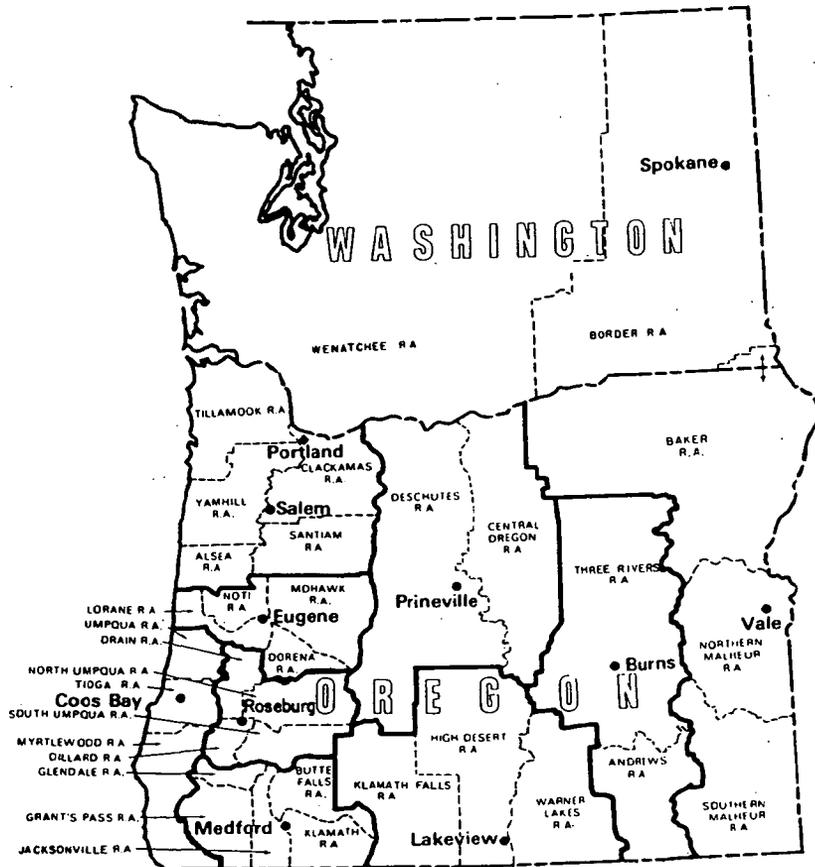
BLM worked closely with the Bureau of Indian Affairs to prepare a new multi-million dollar reclamation bond estimate for the Midnite Uranium Mine on the Spokane Indian Reservation in Washington.

I would like to thank our workforce, our volunteers and members of the public, who all played an important part in accomplishing our objectives.

Sincerely,

Charles W. Fischer
State Director

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Nestucca River Drainage

BLM in Oregon and Washington manages about 16 million acres of public lands (15.7 million acres and 300,000 respectively) and 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 forest products, livestock forage, minerals, soil, water and air, wildlife habitat and wild horses. Uses administered include recreation, mineral extraction, and realty actions. BLM programs provide for the development and use of the public land and its resources under principles of multiple use and sustained yield while maintaining and enhancing the quality of the environment.

In relation to these resource management programs, BLM in Oregon and Washington conducts a variety of programs such as lands and mineral records, 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 for public domain lands.

Administration

This area covers such activities as personnel management, budget preparation and analysis, procurement, property management, organization planning, telecommunication, training, accounts and safety.

BLM is responsible for both collecting and paying out funds. BLM collects money from many sources utilizing the public

lands and deposits these monies in the U.S. Treasury. In turn, monies are paid out to Oregon and Washington. One payment is paid to the states for their share of receipts collected by BLM, another is made directly to counties in lieu of taxes. In western Oregon, the counties also receive an additional payment from O&C receipts.

Employees of BLM (Authorized permanent positions)

District	September 30 1985	September 30 1986
Lakeview	42	42
Burns	64	59
Vale	96	92
Prineville	47	43
Salem	197	194
Eugene	169	166
Roseburg	176	174
Medford	279	275
Coos Bay	177	165
Spokane	31	31
State Office	270	260
Total	1,548	1,501

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, 1986, and are approximate. Lands managed by BLM are 25 percent of the total acreage of Oregon and less than 1 percent of Washington.

District	Acreage
Lakeview	3,338,475
Burns	3,612,700
Vale	4,960,206
Prineville	1,366,868
Salem	407,436
Eugene	316,618
Roseburg	423,861
Medford	911,613
Coos Bay	331,631
Oregon Total	15,669,408
Spokane	312,358
Total	15,981,766

Administration

Lands Managed by the Bureau of Land Management in Each County in Oregon and Washington As of September 30, 1986.

Oregon		Washington	
County	Acreage	County	Acreage
Baker	367,773	Adams	481
Benton	57,456	Asotin	10,422
Clackamas	66,917	Benton	18,228
Clatsop	43	Chelan	21,317
Columbia	11,081	Clallam	83
Coos	168,289	Clark	5
Crook	510,577	Columbia	519
Curry	67,510	Cowlitz	52
Deschutes	506,680	Douglas	37,520
Douglas	653,237	Ferry	11,967
Gilliam	23,340	Franklin	17,367
Grant	170,787	Garfield	433
Harney	4,102,196	Grant	37,094
Hood River	180	Grays Harbor	13
Jackson	430,919	Island	2
Jefferson	25,846	Jefferson	59
Josephine	311,673	King	340
Klamath	289,944	Kitsap	-
Lake	2,590,977	Kittitas	16,009
Lane	289,149	Klickitat	17,402
Lincoln	20,073	Lewis	279
Linn	88,596	Lincoln	6,974
Malheur	4,539,864	Mason	3
Marion	20,993	Okanogan	54,960
Morrow	2,347	Pacific	374
Multnomah	5,195	Pend Oreille	1,904
Polk	41,268	Pierce	12
Sherman	44,109	San Juan	282
Tillamook	49,455	Skagit	277
Umatilla	8,857	Skamania	328
Union	6,250	Snohomish	170
Wallowa	18,908	Spokane	-
Wasco	36,272	Stevens	29,738
Washington	12,011	Thurston	1
Wheeler	87,866	Wahkiakum	1
Yamhill	42,690	Walla Walla	630
Total	15,669,328	Whatcom	145
		Whitman	1,294
		Yakima	25,673
		Total	312,358

Administration

An important aspect of our management is that BLM returns a profit to the Federal Treasury for the investment made in it by our shareholders—the American taxpayer. During fiscal year 1986 we reported receipts of \$162,538,548 against expenses of \$78,221,728. As always, those receipts were shared with state, county and local governments. A total of

\$15,902,280 was distributed in Oregon and Washington.

Total collections from all BLM resource management activities are several times more than total costs of management. Principal sources of revenue include timber sales, mineral lease fees and grazing fees.

Collections, Classified by Commodity, FY 1985 - Oregon

Commodity	O&C Lands		CBWR ³	Other Lands ⁴	Unrelated to Land Status
	BLM ¹	FS ²			
Mineral Leases	\$ 71,786	\$ --	\$ 3,418	\$ 21,434	\$ --
Mineral (Material)				4,315	--
Sales	56,553	--	--	55,068	--
Land Sales	37,925	--	3,270	24,986	--
Rent of Land	104,611	--	--	7,656,348	--
Sale of Timber	103,424,928	16,592,657	5,460,510	1,290,222	--
Grazing Fees	15,887	--	49	43,247	--
Recreation Fees	--	--	--	394,360	--
Other Resources	--	--	44,442	18,772	48,660
Other Fees	513,941	--	22,354	--	--
Penalties & Forfeitures	--	--	--	--	--
Other Sources	1,428,768	--	--	--	56,380
Totals	\$105,654,399	\$16,592,657	\$5,534,043	\$9,508,752	\$105,040
Total O&C	\$122,247,056				
Grand Total BLM, All Sources:	\$137,394,890				

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

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

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

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

Administration

Collections, Classified by Commodity, FY 1986 - Oregon

Commodity	O&C Lands		CBWR ³	Other Lands ⁴	Unrelated to Land Status
	BLM ¹	FS ²			
Mineral Leases	\$ --	\$ --	\$ --	\$ --	\$ --
Mineral (Material)				8,162	--
Sales	--	--	--	19,551	--
Land Sales	--	--	--	13,390	--
Rent of Land	96,848	--	1,154	10,901,953	--
Sale of Timber	123,835,343	18,913,133	5,647,753	1,334,435	--
Grazing Fees	15,404	--	23	48,479	--
Recreation Fees	--	--	--	392,088	--
Other Resources	--	--	29,890	35,885	--
Other Fees	610,356	--	7,852	--	31,653
Penalties & Forfeitures	--	--	--	--	--
Other Sources	211,824	--	--	--	57,824
Totals	\$124,769,775	\$18,913,133	\$5,686,672	\$12,761,889	\$89,477
Total O&C	\$143,682,908				
Grand Total BLM, All Sources:	\$162,220,946				

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

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

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

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

Collections, Classified by Commodity, FY 1985 - Washington

Commodity	BLM Lands	Unrelated to Land Status
Mineral Leases	\$ --	\$ --
Mineral Sales	--	--
Land Sales	117,242	--
Rent of Land	623	--
Sale of Timber	106,521	--
Grazing Section 15	39,685	--
Recreation Fees	--	--
Other Resources	--	--
Other Fees	--	27,508
Penalties & Forfeitures	--	--
Other Sources	4,678	--
Total	\$268,749	\$ 27,508
Grand Total, All Sources:	\$296,257	

Administration

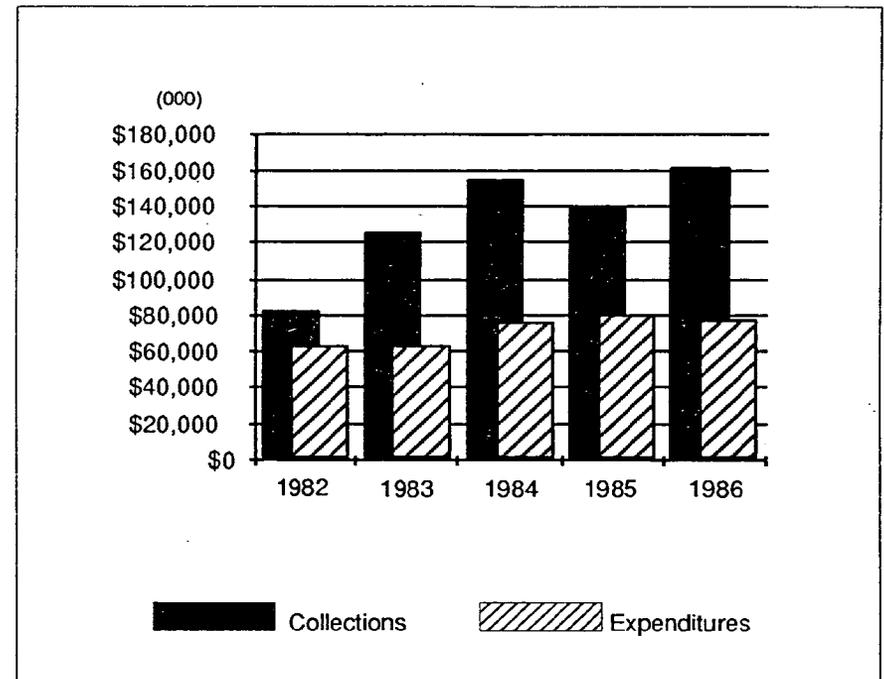
Collections, Classified by Commodity, FY 1986 - Washington

Commodity	BLM Lands	Unrelated to Land Status
Mineral Leases	\$ --	\$ --
Mineral Material Sales	--	--
Land Sales	58,103	--
Rent of Land	--	--
Sale of Timber	194,293	--
Grazing Sec. 15	37,268	--
Recreation Fees	--	--
Other Resources	--	--
Other Fees	--	11,070
Penalties & Forfeitures	--	--
Other Sources	16,868	--
Total	\$306,532	\$ 11,070
Grand Total, All Sources:	\$317,602	

BLM Expenditures for Resource Management

	FY 1985	FY 1986
Forest Management	\$21,773,212	\$22,058,652
Forest Development	22,126,285	19,152,404
Range Management	3,903,809	3,191,539
Range Improvement	873,844	732,184
Soil and Watershed Conservation	1,613,081	1,489,493
Lands and Minerals	3,559,748	3,162,092
Wildlife Management	2,129,043	2,245,212
Recreation Management	1,724,180	1,871,873
Recreation Construction	35,646	17,334
Cadastral Survey	838,442	667,129
Resource Protection	2,352,510	2,408,050
Fire Presuppression	1,468,839	1,265,884
Fire Suppression	3,755,172	3,630,750
Fire & Storm Damage Rehabilitation	1,107,404	733,205
Forest Pest Control	69,013	74,688
Law Enforcement	381,897	576,801
Road Construction & Acquisition	545,520	1,549,486
Building Construction	--	0
Maintenance of Capital Investments	9,636,237	9,682,691
Planning and Data Management	1,135,100	1,159,855
Program Services	2,884,726	2,552,406
Total	\$81,913,708	\$78,221,728

Administration



Oregon and Washington Collections and Expenditures

Revenue Sharing

Total collections from all BLM resource management activities are several times more than total costs of management. Principal sources of revenue include timber sales, mineral lease fees and grazing fees.

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 4 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.

Administration

Payments to Counties and State, FY 1985 - Oregon

Counties	Resource Management O&C Lands	Mineral ¹ Leasing	Sec. 15 Grazing Leases	Payments in Lieu of Taxes	Totals
Baker	\$ --	\$ 156	\$ --	\$ 98,624	\$ 98,780
Benton	3,285,838	--	--	1,965	3,287,803
Clackamas	6,489,822	80	--	49,665	6,539,567
Clatsop	--	--	--	309	309
Columbia	2,408,835	620	--	--	2,409,455
Coos	7,316,753 ²	203	--	6,735	7,323,691
Crook	--	3	535	91,275	91,813
Curry	4,268,081	--	--	57,289	4,325,370
Deschutes	--	34	491	138,667	139,192
Douglas	29,402,601 ³	1,342	91	91,304	29,495,338
Gilliam	--	1	2,441	3,501	5,943
Grant	--	--	11,365	169,164	180,529
Harney	--	40	960	318,521	319,521
Hood River	--	--	--	20,425	20,425
Jackson	18,323,516	755	1,217	45,330	18,323,818
Jefferson	--	--	761	27,875	28,636
Josephine	14,125,595	--	200	34,244	14,160,039
Klamath	2,736,249	--	3,791	207,296	2,947,336
Lake	--	--	379	318,521	318,900
Lane	17,855,781	778	29	133,061	17,989,649
Lincoln	420,961	--	--	17,741	438,702
Linn	3,087,051	1,122	--	46,791	3,134,964
Malheur	--	93	--	417,781	417,874
Marion	1,707,233	--	--	20,006	1,727,239
Morrow	--	1	151	16,476	16,628
Multnomah	1,274,578	--	--	6,854	1,281,432
Polk	2,525,768	1,202	--	--	2,526,971
Sherman	--	3	1,738	5,052	6,793
Tillamook	654,829	--	798	10,235	665,862
Umatilla	--	3	268	41,556	41,827
Union	--	3	--	60,511	60,514
Wallowa	--	--	1,408	112,793	114,201
Wasco	--	--	3,038	19,911	22,949
Washington	736,683	--	--	280	736,963
Wheeler	--	--	3,330	24,826	28,156
Yamhill	841,923	1,310	--	2,593	845,826
Total	\$117,462,098	\$7,749	\$32,991	\$2,617,177	\$120,120,015

Payment to State of Oregon from sale of public domain timber, materials, and lands, totaling \$481,387 and Section 3 grazing permits totaling \$154,100 \$635,487

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.

Total payments to counties and State, FY 1985 \$120,755,502

¹ Does not include mineral proceeds from O&C or CBWR lands.

² Includes \$417,663 of CBWR.

³ Includes \$110,700 of CBWR.

* Amount actually paid during the fiscal year, 10/1/84 through 9/30/85. See table on page 4 for total O&C receipts.

Administration

Payments to Counties and State, FY 1986 - Oregon

Counties	Resource Management O&C Lands	Mineral ¹ Leasing	Sec. 15 Grazing Leases	Payments in Lieu of Taxes	Totals
Baker	\$ --	\$ 156	\$ 196	\$ 97,526	\$ 97,877
Benton	285,804	23,025	--	1,932	287,736
Clackamas	564,489	29,521	--	49,424	613,913
Clatsop	--	--	--	303	303
Columbia	209,522	4,455	--	--	209,522
Coos	600,088 ²	45,066	--	6,657	606,745
Crook	--	3	469	90,276	90,748
Curry	371,241	2,352	--	56,658	427,899
Deschutes	--	133,187	563	137,349	137,946
Douglas	2,547,830 ³	184,546	48	90,291	2,638,169
Gilliam	--	--	2,408	3,462	5,871
Grant	--	--	12,923	167,078	180,001
Harney	--	12,242	972	295,803	296,775
Hood River	--	320	--	20,176	20,176
Jackson	1,593,792	67,737	1,210	44,827	1,639,829
Jefferson	--	8,234	834	28,098	28,932
Josephine	1,228,654	8,172	229	33,561	1,262,444
Klamath	238,001	43,097	3,859	205,118	446,978
Lake	--	29,102	61	315,011	315,072
Lane	1,553,108	106,497	8	131,606	1,684,722
Lincoln	36,616	2,608	--	17,516	54,132
Linn	268,514	32,586	--	46,177	314,697
Malheur	--	12,409	--	558,553	558,646
Marion	148,496	13,273	--	19,645	168,141
Morrow	--	1	149	15,593	15,743
Multnomah	110,864	2,239	--	6,785	117,649
Polk	219,693	13,407	--	--	219,693
Sherman	--	3	1,580	4,977	6,560
Tillamook	56,957	13,613	--	10,123	67,080
Umatilla	--	3	728	41,093	41,824
Union	--	3	259	59,844	60,106
Wallowa	--	--	1,298	111,558	112,856
Wasco	--	702	3,045	19,856	22,903
Washington	64,077	6,317	--	277	64,354
Wheeler	--	--	3,170	24,568	27,738
Yamhill	73,231	22,133	--	2,564	75,794
Total	\$ 10,170,977	\$817,089	\$34,009	\$2,714,285	\$12,919,569

Payment to State of Oregon from sale of public domain timber, materials, and lands, totaling \$175,324 and Section 3 grazing permits totaling \$152,776

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.

*\$50,952,550.35 was paid to the counties in late FY 1985. The normal cycle would have been to make the payment in early FY 1986. For this reason actual FY 85 payments were larger and 86 payments smaller than if payments were made on established schedule.

Total payments to counties and State, FY 1986 \$14,064,460

¹ Includes mineral proceeds from O&C or CBWR lands.

² Includes \$359,226 of CBWR.

³ Includes \$66,518 of CBWR.

* Amount actually paid during the fiscal year, 10/1/85 through 9/30/86. See table on page 5 for total O&C receipts.

Administration

Payments to Counties and State, FY 1985 - Washington

Counties	Sec. 15 Grazing Leases	Payments in Lieu of Taxes	Totals
Adams	\$ 27	\$ 2,930	\$ 2,957
Asotin	544	7,217	7,761
Benton	421	28,484	28,905
Chelan	729	498,848	499,577
Clallam	--	58,637	58,637
Clark	--	1,816	1,816
Columbia	--	15,998	15,998
Cowlitz	--	1,989	1,989
Douglas	2,261	29,101	31,362
Ferry	1,004	48,289	49,293
Franklin	871	19,558	20,429
Garfield	8	9,835	9,843
Grant	3,088	84,195	17,283
Grays Harbor	--	18,100	18,100
Island	--	3,638	3,638
Jefferson	--	68,654	68,654
King	--	32,449	32,449
Kitsap	--	--	--
Kittitas	895	117,200	118,095
Klickitat	1,141	3,694	4,835
Lewis	--	45,465	45,465
Lincoln	519	15,899	16,418
Mason	--	16,013	16,013
Okanogan	4,912	151,523	156,435
Pacific	--	2,443	2,443
Pend Oreille	--	86,578	86,578
Pierce	--	62,122	62,122
San Juan	--	1,656	1,656
Skagit	--	50,509	50,509
Skamania	--	78,245	78,245
Snohomish	--	61,005	61,005
Spokane	--	--	--
Stevens	647	59,990	60,637
Thurston	--	--	--
Wahkiakum	--	--	--
Walla Walla	5	15,874	15,879
Whatcom	--	80,657	80,657
Whitman	54	8,448	8,502
Yakima	2,253	51,417	53,670
Total	\$ 19,379	\$ 1,838,476	\$ 1,857,855

Payment to State of Washington from sale of public domain timber, materials,
lands, etc. \$15,934
Payment to State of Washington from mineral leasing \$99,014

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.

Total payments to counties and State FY 1985 \$1,972,803

Administration

Payments to Counties and State, FY 1986 - Washington

Counties	Sec. 15 Grazing Leases	Payments in Lieu of Taxes	Totals
Adams	\$ 20	\$ 2,811	\$ 2,831
Asotin	509	6,311	6,820
Benton	426	28,783	29,209
Chelan	825	310,850	311,675
Clallam	--	63,256	63,256
Clark	--	1,282	1,282
Columbia	--	15,819	15,819
Cowlitz	--	1,967	1,967
Douglas	2,636	28,611	31,247
Ferry	1,055	49,384	50,439
Franklin	985	19,658	20,643
Garfield	13	9,717	9,730
Grant	2,839	84,354	87,193
Grays Harbor	--	20,350	20,350
Island	--	4,465	4,465
Jefferson	--	67,940	67,940
King	--	32,029	32,029
Kitsap	--	--	--
Kittitas	1,150	57,457	58,607
Klickitat	1,158	3,627	4,785
Lewis	--	44,964	44,964
Lincoln	512	15,946	16,458
Mason	--	15,583	15,583
Okanogan	4,772	468,145	472,917
Pacific	--	2,416	2,416
Pend Oreille	--	46,543	46,543
Pierce	--	43,545	43,545
San Juan	--	1,637	1,637
Skagit	--	49,557	49,557
Skamania	--	77,383	77,383
Snohomish	--	60,332	60,332
Spokane	--	--	--
Stevens	659	24,145	24,804
Thurston	--	--	--
Wahkiakum	--	--	--
Walla Walla	--	13,174	13,174
Whatcom	--	80,794	80,794
Whitman	59	8,307	8,366
Yakima	2,225	50,850	53,075
Total	\$ 19,843	\$ 1,812,262	\$ 1,832,105

Payment to State of Washington from sale of public domain timber, materials,
lands, etc. \$5,715
Payment to State of Washington from mineral leasing not available

Distribution of proceeds to Washington counties and to the State of Washington during fiscal years
1983 and 1984 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.

Total payments to counties and State FY 1986 \$1,837,820

Forestry



O&C Forestland

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

The primary 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

Commercial Forest Land

District	Commercial Forest Land Acres	Withdrawn Forest Land Acres ¹	Allowable Cut M.bd.ft.
Lakeview	28,000	12,000	1,350
Burns	48,000	700	3,350
Vale	36,000	5,000	3,210
Prineville	70,000	9,000	5,480
Salem	360,000	63,900	246,000
Eugene	307,900	31,200	223,000
Roseburg	402,000	34,500	247,000
Medford	716,100	235,500	213,000
Coos Bay	306,300	58,600	254,000
Oregon Total	2,274,300	450,400	1,196,390
Spokane	38,000	7,000	4,000
Total	2,312,300	457,400	1,200,390

¹Land 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.

Timber Sales

Volumes and sale prices of timber sold from lands managed by BLM during fiscal year 1985 and fiscal year 1986.

District	FY 1985		FY 1986	
	M.bd.ft.	Value	M.bd.ft.	Value
Lakeview	1,603	65,080	1,759	\$284,471
Burns	5,635	456,919	1,139	110,189
Vale	6,595	32,496	--	--
Prineville	8,080	91,927	7,860	116,799
Salem	246,163	23,597,374	249,863	29,261,604
Eugene	212,876	17,678,841	261,574	24,373,228
Roseburg	173,225	11,746,435	317,618	23,228,718
Medford	115,129	6,650,538	409,934	27,404,903
Coos Bay	216,069	18,950,886	344,346	29,729,096
Oregon Total	985,375	79,270,496	1,594,093	134,509,008
Spokane	6,084	164,571	8,938	430,076
Total	991,459	79,435,067	1,603,031	134,939,084

Forestry

Timber Harvests

Acreages from which the timber sold during fiscal year 1985 and fiscal year 1986 will be harvested.

District	FY 1985		FY 1986	
	Clearcut Acres	Partialcut Acres	Clearcut Acres	Partialcut Acres
Lakeview	--	104	554	808
Burns	20	817	--	257
Vale	--	854	--	--
Prineville	--	1,300	--	1,328
Salem	3,248	421	3,518	357
Eugene	2,987	304	3,752	774
Roseburg	4,262	1,038	6,821	1,091
Medford	5,627	6,814	11,450	6,706
Coos Bay	3,525	162	5,224	35
Oregon Total	19,669	11,814	31,319	11,356
Spokane	107	285	99	688
Total	19,776	12,099	31,418	12,044

Timber - 1986 Harvested Volume (M bd. ft.)

Western Oregon		Eastern Oregon and Washington	
Salem	228,980	Lakeview	2,123
Eugene	267,818	Burns	--
Roseburg	248,795	Vale	2,401
Coos Bay	282,115	Prineville	9,561
Medford	176,103	Spokane	1,043
Total	1,203,811	Total	15,128

Western Oregon Commercial Forest Acres With No Planned Timber Harvest

Reservation	Acres	Allowable Cut Impact MMBF
TPCC (fragile sites, etc.)	302,500	214
Bald Eagles	3,200	2
ACEC, RNA, ONA, cultural and botanical sites	7,200	5
Riparian Zones	58,300	41
Recreation Management	2,400	2
Older Forest Retention Areas (raptor habitat, etc.)	46,300	33
Totals	419,900	297

Forestry

Timber Trespasses

District	FY 1985			FY 1986	
	Cases Closed No.	Collections	Cases Pending 9/30/85	No. of Cases	Collections
Lakeview	--	--	--	--	\$ --
Burns	--	--	--	--	--
Vale	--	--	1	1	26.00
Prineville	2	65.00	1	1	158.00
Salem	12	8,482.02	13	14	70,399.83
Eugene	20	11,074.38	25	17	17,871.67
Roseburg	12	11,681.30	11	14	42,321.26
Medford	35	18,055.79	69	24	31,705.83
Coos Bay	21	15,034.29	22	21	11,757.83
Oregon Total	102	64,392.78	142	92	\$174,240.42
Spokane	1	240.00	7	--	--
Total	103	64,632.78	149	92	\$174,240.42

Minor Forest Products Sales

Item and Unit	FY 1985		FY 1986	
	Quantity	Value	Quantity	Value
Fuelwood, cords	33,358	\$131,828	25,974	\$117,783
Shingle bolts, cords	1,176	18,392	838	26,154
Small poles, each	5,784	5,586	978	459
Small poles, lineal feet	59,407	1,628	--	--
Large poles, lineal feet	1,960	690	2,083	415
Corral poles, each	5,766	1,709	2,740	52
Posts, each	10,812	3,513	6,524	2,946
Split rails, each	201	90	1,995	482
Mine timbers, each	790	316	--	--
Pulpwood, cords	2	9	2,030	3,376
Cascara bark, pounds	3,600	81	7,230	150
Boughs, pounds	194,712	8,993	203,038	6,600
Ferns, bunches	10,875	397	11,385	381
Cones, bushels	1,740	387	1,523	100
Huckleberry brush, bunches	11,717	367	16,490	685
Christmas trees, each	5,632	10,249	5,005	8,181
Wildings, each	2,576	159	68,502	1,554
Moss, pounds	14,148	409	25,866	580
Arrow stock, cords	127	4,185	--	--
Fence stays, each	70	120	--	--
Greens, bunches	2,950	44	9,627	193
Pitch, gallons	300	30	--	--
Total		\$189,182		\$170,091

Forestry

Forest Development - I

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

FY 1985			
District	Site Preparation Acres	Planting	
		Acres	M Trees
Lakeview	100	--	--
Burns	--	--	--
Vale	--	61	18
Prineville	200	--	--
Salem	1,940	2,972	1,568
Eugene	1,283	2,866	1,719
Roseburg	3,161	1,934	1,220
Medford	5,641	7,253	3,488
Coos Bay	2,322	2,556	1,254
Oregon Total	14,647	17,642	9,267
Spokane	--	--	--
Total	14,647	17,642	9,267

No seeding during fiscal year 1985.

FY 1986		
District	Site Preparation Acres	Planting Acres
Burns	--	266
Vale	50	21
Prineville	900	--
Salem	2,497	4,317
Eugene	2,709	3,930
Roseburg	3,773	3,886
Medford	5,555	8,378
Coos Bay	2,436	3,076
Oregon Total	18,300	23,874
Spokane	--	191
Total	18,300	24,065

Forestry

Forest Development - II

Reforestation treatments made to protect unestablished stands from animals, insects, and disease are tabulated under "Protection." Reforestation treatments made to release unestablished stands from competing vegetation are tabulated under "Release."

FY 1985			
District	Protection Acres	Release Acres	Protection and Release Acres
Burns	--	--	--
Vale	--	--	--
Prineville	--	--	--
Salem	512	1,569	2,081
Eugene	2,866	335	3,201
Roseburg	2,058	179	2,237
Medford	3,342	760	4,102
Coos Bay	3,152	695	3,847
Oregon Total	12,268	3,545	15,813
Spokane	--	--	--
Total	12,268	3,545	15,813

FY 1986			
District	Protection Acres	Release Acres	Protection and Release Acres
Burns	--	--	--
Vale	--	--	--
Prineville	--	--	--
Salem	391	1,747	2,138
Eugene	2,676	1,352	4,028
Roseburg	2,210	--	2,210
Medford	4,810	65	1,714
Coos Bay	2,600	1,153	4,070
Oregon Total	12,687	4,317	14,160
Spokane	--	--	--
Total	12,687	4,317	14,160

Forestry

Forest Development - III

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

FY 1985

District	Fertilization Acres	Improvement Acres	Thinning	
			Precommercial Acres	Commercial Acres
Lakeview	--	--	180	--
Burns	--	--	435	--
Vale	--	--	60	--
Prineville	--	--	--	--
Salem	1,577	30	2,000	80
Eugene	0	--	1,228	500
Roseburg	4,181	15	5,059	140
Medford	10,088	19	2,713	1,462
Coos Bay	0	111	5,731	--
Oregon Total	15,846	175	17,406	2,182
Spokane	--	--	698	--
Total	15,846	175	18,104	2,182

FY 1986

District	Fertilization Acres	Improvement Acres	Thinning	
			Precommercial Acres	Commercial Acres
Lakeview	--	--	--	--
Burns	--	--	--	--
Vale	--	--	--	--
Prineville	--	--	118	--
Salem	0	--	--	73
Eugene	0	--	0	645
Roseburg	4,538	--	592	--
Medford	6,030	--	0	1,212
Coos Bay	0	--	0	--
Oregon Total	10,568	--	710	1,930
Spokane	--	--	--	--
Total	10,568	--	710	1,930

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. To accomplish this, excess wild horses are periodically rounded up and made available for adoption.

Wild Horse Management

	Horses Removed From the Range 10/01/85-9/30/86	Horses on Range the Range 9/30/86	Levels to be Maintained
Lakeview	0	465	160-360
Burns	445	1,438	630-1,160
Vale	539	1,126	580-1,150
Medford	0	36	25-50
Forest Service	45	145	
Totals	1,029	3,210	1,395-2,720

98 colts were born in the Burns wild horse corrals.

Disposition of horses during FY 1986:

Adopted: 80 horses; 88 burros*
 Died or destroyed: 55 horses
 Returned to range: 9 horses
 In corral 9/30/86: 165 horses; 1 burro*
 Sent to contract holding centers: 760 horses

*Burros were not gathered in Oregon. They were brought in from other states for adoption.

Rangelands



BLM Rangeland, 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 forage growth; controlling brush; and revegetating burned or depleted areas.

Rangelands

Livestock Grazing

Grazing use is tabulated for grazing fee year 1985 (March 1, 1985-February 28, 1986). During 1985, the grazing fee for all BLM lands was \$1.40 per AUM.¹

District	Permits & Leases	Cattle	Horses	Sheep	AUMs
Lakeview					
Permits	91	38,969	80	-	157,973
Leases	63	1,589	20	488	4,399
Bums					
Permits	170	60,978	103	40	246,878
Leases	148	3,346	34	20	19,060
Vale					
Permits	382	92,573	174	7,075	459,996
Leases	112	4,047	13	244	4,304
Prineville					
Permits	120	24,497	110	690	92,880
Leases	222	3,159	46	203	18,259
Eugene					
Leases	8	115	-	-	558
Roseburg					
Leases	18	219	1	2	1,221
Medford					
Leases	127	4,010	-	110	13,983
Coos Bay					
Leases	6	8	-	2	54
Oregon Total	1,467	233,510	581	8,874	1,019,565
Spokane					
Leases	361	9,367	137	195	30,499
Total	1,828	242,877	718	9,069	1,050,064

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

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

Grazing use totals during grazing fee year 1984 were:

State	Permits & Leases	Cattle & Horses	Sheep	AUMs
Oregon	1,500	226,137	11,493	1,044,302
Washington	366	6,060	450	27,178
Total	1,866	232,197	11,943	1,071,480

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 1985

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	28,255	27,655	—	68.5	5	0.2	7	—	—
Burns	10,500	10,500	—	0.4	2	11.0	—	2	1
Vale	460	160	—	17.5	5	6.5	—	—	—
Prineville	—	—	4,847	28.0	1	—	—	1	1
Roseburg	—	—	—	—	—	—	—	—	—
Medford	245	—	—	2.5	—	—	—	2	—
Coos Bay	—	—	—	—	—	—	—	—	—
Oregon Total ..	39,460	38,315	4,847	116.9	13	17.7	7	5	2
Spokane	—	—	—	2.1	—	.7	—	1	—
Ore-Wash Total	39,460	38,315	4,847	119.0	13	18.4	7	6	2

FY 1986

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	365	365	—	28.0	3	9.6	—	—	—
Burns	2,750	2,750	—	10.8	2	5.7	6	1	3
Vale	425	425	—	10.7	9	—	—	—	—
Prineville	6,900	—	—	3.2	—	—	—	—	—
Roseburg	—	—	—	—	—	—	—	—	—
Medford	13	—	—	—	—	—	—	—	—
Coos Bay	—	—	—	—	—	—	—	—	—
Oregon Total ..	10,453	3,548	—	52.7	14	15.3	6	1	3
Spokane	—	—	—	6.6	1	—	—	9	—
Ore-Wash Total	10,453	3,540	—	59.3	15	15.3	6	10	3

Wildlife Habitat



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 1986.

District	Pronghorn Antelope	Deer	Elk	Bighorn Sheep	Mountain Goats	Black Bear	Cougar
Lakeview	3,000	21,000	100	100	--	10	6
Burns	4,000	29,500	900	410	--	15	10
Vale	5,300	42,500	6,100	365	7	80	35
Prineville	1,500	22,000	200	--	--	50	5
Salem	--	19,000	2,400	--	--	230	20
Eugene	--	18,600	590	--	--	340	25
Roseburg	--	16,600	660	--	--	90	15
Medford	--	24,000	1,000	--	--	900	50
Coos Bay	--	15,000	2,250	--	--	200	50
Oregon Total	13,800	208,200	14,200	875	7	1,915	216
Spokane	--	20,000	50	60	30	200	10
Total	13,800	228,200	14,250	935	37	2,115	226

Wildlife Habitat on BLM Lands

As of 9/30/86.

District	Big Game Acres	Small Game Acres	Waterfowl Acres	Fishable Streams Miles
Lakeview	2,500,000	2,000,000	30,000	51
Burns	3,288,000	2,492,000	17,000	231
Vale	3,153,000	4,260,000	11,000	600
Prineville	1,242,000	1,427,000	10,000	365
Salem	405,000	405,000	15,000	620
Eugene	317,000	300,000	22	350
Roseburg	424,000	424,000	--	270
Medford	910,000	910,000	2,000	540
Coos Bay	280,000	300,000	100	344
Oregon Total	12,519,000	12,518,000	85,122	3,371
Spokane	307,000	307,000	4,000	120
Total	12,826,000	12,825,000	89,122	3,491

Wildlife Habitat

Wildlife Habitat Improvement

District	Brush Control Acres		Grass/Legume Seeding, Acres		Fencing Miles		Water Development Number		Other Wildlife Improvements	
	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986
Lakeview	450	500 ¹	20	500	4	7	--	--	--	1,200 ²
Burns	--	--	20	130	4	1	4	1	--	1 ²
Vale	--	--	15	--	1	12	2	6	4 ³	--
Prineville	375	--	--	--	--	2	3	15	--	--
Salem	--	--	400	--	--	--	--	--	--	--
Eugene	--	--	--	--	--	--	--	--	--	--
Roseburg	--	--	18	--	--	--	--	--	--	--
Medford	--	40 ¹	519	40	--	--	--	--	--	--
Coos Bay	--	--	700	--	--	--	--	--	--	--
Oregon Total	825	540	1,692	670	9	21	9	22	4	1,201
Spokane	--	--	--	--	1	4	1	22	10 ¹	135 ¹
Total	825	540	1,692	670	10	25	10	44	14	1,336

¹Prescribed Burn
²Artificial nest boxes
³Tree and shrub plantings in riparian areas

Aquatic Habitat Improvement¹

District	Stream ² Clearance Miles		Spawning ³ and/or Rearing Area Miles		Improved ⁴ Fish Passage Miles		Fencing Miles		Reservoirs Acres	
	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986
Lakeview	--	--	--	--	--	--	4	1	--	--
Burns	--	--	--	--	--	--	5	--	--	20
Vale	--	--	--	--	--	--	1	--	2	--
Prineville	--	--	--	--	--	--	4	2	--	--
Salem	--	--	--	5.5	--	--	--	--	--	--
Eugene	--	--	1.0	7.2	1.0	8.0	--	--	--	--
Roseburg	--	--	.1	1.0	--	--	--	--	--	--
Medford	--	0.5	--	1.5	--	--	--	--	--	--
Coos Bay	--	--	1.0	2.5	--	--	--	--	--	--
Oregon Total	--	0.5	2.1	17.7	1.0	8.0	14	3	2	20
Spokane	--	--	--	--	--	--	--	--	--	--
Total	--	0.5	2.1	17.7	1.0	8.0	14	3	2	20

¹Miles refer to number of stream miles where fish production will be increased by the projects.
²Removal of debris jams.
³Includes fish passage over waterfalls and dams and through culverts.
⁴Includes new projects and improvement of existing water.

Recreation

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 Management

District	Developed Sites ¹				Semi-Developed ² Sites	Undeveloped ³ Sites	Special Recreation Use Permits	
	Number	Camp	Picnic	Fees			Number	Fees
Lakeview	1	50	2	\$2,722	—	11	—	\$ —
Burns	2	36	11	—	2	4	6	740
Prineville	3	148	32	6,947	4	—	109	24,600
Vale	2	30	6	—	12	11	81	29,100
Salem	15	160	221	35,188	—	1	3	415
Eugene	3	50	7	11,825	1	1	—	—
Roseburg	8	93	23	16,893	—	2	—	—
Medford	6	108	36	16,000	5	40	113	44,164
Coos Bay	5	82	40	36,612	2	—	—	—
Oregon Total	45	807	378	126,187	26	70	312	99,019
Spokane	—	—	—	—	—	—	4	7
Ore-Wash Total	45	757	378	\$126,187	26	74	319	\$99,019

¹Sites 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.

²Sites which fail to meet one or more of the critical criteria for fee collection in Section 4(b) of the Land and Water Conservation Fund Act.

³Sites with some combination of sanitary facilities, water, fire containment, garbage cans or tables, which represent some type of management or maintenance commitment.

Recreation

Estimated Recreation Visits to BLM Lands (Thousands of Hours)¹

Use	Oregon	Washington
Off-road vehicle travel	294,600	1,400
Other motorized travel ²	609,500	7,300
Non-motorized travel ³	196,600	700
Camping	414,800	4,300
Hunting	497,400	800
Fishing	589,900	1,500
Boating	231,000	34,000
Winter sports	34,000	0
Other ⁴	635,200	5,000
Total	3,503,000	55,000

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

²Includes recreation related driving for pleasure.

³Includes bicycling, horseback riding, backpacking, hiking and walking for pleasure.

⁴Includes sightseeing and water related activities outside of boating (swimming, etc.).

Wilderness

Oregon has 1 BLM-managed wilderness area, Table Rock (approximately 5,500 acres), and 92 wilderness study areas (including 5 instant study areas) totalling 2.8 million acres.

Washington has 1 BLM-managed wilderness area, Juniper Dunes (approximately 7,140 acres), 1 wilderness study area totalling 5,500 acres.



Table Rock Wilderness

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.

Fire

BLM's electronic lightning detection system instantly plots cloud-to-ground lightning strikes, thus permitting prompt suppression of lightning-caused fires. On the other hand, 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 1986

	Number of Man-caused Fires	Acres Burned	Number of Lightning Fires	Acres Burned	Total Number Fires	Total Acres Burned
Lakeview	7	27,215	87	25,765	94	52,980
Burns	7	130	44	6,078	51	6,208
Vale	26	3,708	91	186,954	117	190,662
Prineville	11	175	62	493	73	668
Salem	10	56	--	--	10	56
Eugene	4	13	--	--	4	13
Roseburg	3	14	5	--	8	14
Medford	14	58	24	8	38	66
Coos Bay	6	39	--	--	6	39
Oregon Total	88	31,408	313	219,298	401	250,703
Spokane	4	81	1	800	5	881
Ore-Wash Total ...	92	31,489	314	220,098	406	251,584

Average Number of Fires Annually During Five Years, 1981-1985:

Man-caused - 104
 Lightning-caused - 262
 Acres burned - 145,746
 Total fires for 5 years - 1,864

Average Number of Fires Annually During Ten Years, 1976-1985:

Man-caused - 113
 Lightning-caused - 245
 Acres burned - 74,673
 Total fires for 10 years - 3,583

Support

Total Acres Burned by Problem Class During 1986

Problem Class	Acres
I	14
II	18,121
III	80,377
IV	20,941
V	2,313
VI	126,577

Number of Fires by Size Class During 1986

Size Class	Number
A (0-.25 acres)	188
B (.26-9 acres)	120
C (10-99 acres)	39
D (100-299 acres)	21
E and larger (300 acres and over)	39
False Alarms	26

The higher the class rating the more severe the problem based on value of risk, fire behavior, and fire occurrence.

Prescribed Fire Statistical Summary

	Prescribed Forestry		Hazard				Total Emerg. Fires			
	Fires	Site Prep	Wildlife	Reduction	Range	Water	Other	Acres	Number	Acres
Eastern Oregon & Washington										
Lakeview	4	200	880	100	800	0	0	1,980	0	0
Burns	1	0	0	0	500	0	0	500	0	0
Vale	2	40	0	0	640	0	0	680	0	0
Prineville	5	0	0	0	5,500	1,800	0	7,300	1	1,500
Spokane	1	0	0	0	0	0	0	0	0	0
Total	13	240	880	100	7,440	1,800	0	10,460	1	1,500
Western Oregon										
Salem	82	2,789	0	7	0	0	0	2,796	4	35
Eugene	88	2,496	0	0	0	0	24	2,520	1	9
Roseburg	101	3,087	0	0	0	0	0	3,087	1	5
Medford	217	4,597	0	174	0	0	604	5,375	0	0
Coos Bay	90	2,983	0	0	0	0	0	2,983	5	121
Total	578	15,952	0	181	0	0	628	16,761	11	170
Oregon & Washington										
Total	591	16,192	880	281	7,440	1,800	628	27,221	12	1,670

Support

Roads

The mileage of the BLM road transportation system in Oregon as of 9/30/86 totaled 26,409 — 16,867 miles in western Oregon and 9,542 miles in eastern Oregon.

western Oregon 797 miles, total 1,109 miles — since funding has not been appropriated for road construction. No appropriated fund roads have been constructed in Washington.

Timber sale mileage is shown on the table below.

Appropriated fund constructed mileage has remained the same for the past several years — eastern Oregon 312 miles,

Roads Constructed

District	Miles Built Under Timber Sale Contracts		
	FY 1985	FY 1986	Total to 9/30/86
Lakeview	2.2	0.7	49.9
Burns	3.0	3.1	157.3
Vale	2.8	0.0	112.8
Prineville	0	0.0	173.0
Total, Eastern Oregon	8.0	3.8	493.0
Salem	28.8	23.1	1,039.4
Eugene	33.3	27.8	1,588.3
Roseburg	64.7	77.4	2,050.5
Medford	40.0	37.1	3,568.4
Coos Bay	26.4	20.1	1,272.8
Total, Western Oregon	193.2	185.5	9,519.5
Oregon Total	201.2	189.3	10,012.4
Spokane	0.3	0.3	2.6
Total	201.5	189.6	10,015.0

Rights of Way

Right of way permits issued by the Oregon State Office during the 1985 and 1986 fiscal years. (Does not include permits for logging roads in western Oregon.)

Kind	Oregon		Washington	
	FY 1985	FY 1986	FY 1985	FY 1986
Energy Related ¹	22	12	2	3
Non-energy Related ²	232	79	4	16
Total	254	91	6	19

¹Includes electric transmission lines and oil and gas pipelines.

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

Support

Roads Maintained

The Bureau of land management maintained 6,250 miles of road in western Oregon and 680 miles in eastern Oregon

during Fiscal Year 1986. An additional 3,500 miles were maintained by timber purchasers or under agreements with counties or timber companies.

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 1985	FY 1986	FY 1985	FY 1986
Lakeview	3	—	—	—
Burns	—	—	—	—
Vale	—	—	—	—
Prineville	8	12	—	3
Salem	7	13	—	—
Eugene	8	5	—	—
Roseburg	13	6	—	—
Medford	51	52	—	3
Coos Bay	8	10	—	—
Oregon Total	98	98	0	6
Spokane	—	2	—	—
Total	98	100	0	6

Road Right of Way Easements and Lands Acquired

District	FY 1985		FY 1986	
	Direct Purchase	Eminent Domain	Direct Purchase	Eminent Domain
Lakeview	—	—	2	—
Burns	1	—	—	—
Vale	3	—	—	—
Prineville	1	—	0	—
Salem	18	—	2	—
Eugene	2	—	5	—
Roseburg	7	—	9	—
Medford	5	—	13	—
Coos Bay	4	—	5	—
Spokane	—	—	—	—
Total	41	—	40	—

Support

Other Acquisitions

District	FY 1985		FY 1986	
	Direct Purchase	Eminent Domain	Direct Purchase	Eminent Domain
Burns	—	—	3	—
Salem	—	—	—	—
Yaquina Head ONA	1	—	—	—
Medford	—	—	—	—
Rogue River Scenic Easements	1	—	—	—
Total	2	—	3	0

Lands

The Lands program includes the processing of lands and minerals applications (casework) from other Federal agencies, state and local governments, and private individuals. This includes field examination, classification and issuance of

land use decisions, 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.

Withdrawal Review Recommendations

	Reviewed in FY 1986					
	Revoke		Continue		Totals	
	No.	Acres	No.	Acres	No.	Acres
Oregon						
Withdrawals	45	30,686	8	37,659	53	68,345
Land Classifications	—	—	—	—	—	—
Washington						
Withdrawals	26	12,969	6	193	32	13,162
Land Classifications	—	—	—	—	—	—
Total	71	43,655	14	37,852	85	81,507
	Total Reviewed Since October 21, 1976					
	Revoke		Continue		Totals	
	No.	Acres	No.	Acres	No.	Acres
Oregon						
Withdrawals	366	871,902	84	402,331	450	1,274,233
Land Classifications	87	9,544,120	61	3,893,612	148	13,437,732
Washington						
Withdrawals	175	832,102	32	4,077	207	836,179
Land Classifications	18	24,379	19	1,690	37	26,069
Total	646	11,272,503	196	4,301,710	842	15,574,213

Support

Federal Lands Available for Mining and Mineral Leasing As of 9-30-86.

	Oregon		Washington	
	Acres Open	Acres Closed	Acres Open	Acres Closed
Location and Entry Under the Mining Laws ¹	29,000,000	4,600,000	6,430,000	5,200,000
Application and Offer Under the Mineral Leasing Laws ^{1 2}	32,630,000	3,210,000	8,090,000	4,900,000

¹ Acreage includes Federal subsurface ownership where surface is not owned by the United States.

² Acreage includes acquired lands.

Lands Transferred Between BLM and Other Federal Agencies

	FY 1985 Acres	FY 1986 Acres
Oregon		
Jurisdiction Transferred to BLM	--	1,440
Jurisdiction Transferred from BLM	--	--
Washington		
Jurisdiction Transferred to BLM	--	--
Jurisdiction Transferred from BLM	--	--

Support

Land Leases

In effect 9-30-85.

Kind	Oregon		Washington	
	Number	Acres	Number	Acres
Recreation & Public Purposes Act.	56	3,496	17	1,926
Small Tract	--	--	--	--
Airport	5	211	--	--
Mining Claim Occupancy Act.	9	35	--	--
Public Works Leases	1	4	1	1
Communication Site Leases	1	1	--	--
Special Land Use Permits	--	--	--	--
Sec. 302 FLPMA Leases, Permits and Easements ¹	171	146,686	14	18
Total	243	150,433	32	1,945

¹Includes former special land use permits renewed under authority of Sec. 302 of FLPMA.

Land Leases

In effect 9-30-86.

Kind	Oregon		Washington	
	Number	Acres	Number	Acres
Recreation & Public Purposes Act.	59	4,147	13	1,885
Airport	6	303	--	--
Mining Claim Occupancy Act.	9	35	--	--
Public Works Leases	1	4	1	1
Communication Site Leases	1	1	--	--
Sec. 302 FLPMA Leases, Permits and Easements ¹	170	153,286	3	52
Total	246	157,776	17	1,938

Support 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 1985		FY 1986	
	Oregon	Washington	Oregon	Washington
Miles of Line Retraced or Surveyed	700	259	608	145
Corners Monumented	1,092	412	1,168	145
Plats Accepted	51	24	47	20

Lands Received by BLM

	FY 1985 Acres	FY 1986 Acres
Oregon		
Exchanges	9,906	14,122
Reconveyance of Recreation & Public Purposes Act Land	4	—
Acquisitions in Fee	1	2,065
Total	9,911	16,187
Washington		
Exchanges	819	—
Reconveyance of Recreation & Public Purposes Act Land	—	—
Total	819	80
Total	10,730	16,267

Support

Land Patents Issued

Kind of Patent	FY 1985		FY 1986	
	No.	Acres	No.	Acres
Oregon—BLM				
Public Sale	32	1,300	10	427
Recreation & Public Purposes Act	3	43	—	—
Exchange	5	5,501	9	13,554
Railroad Grant	—	—	—	—
Mining Claim Patent	1	20	1	20
Color of Title Patent	2	8	—	—
Airport Conveyance Patent	—	—	—	—
Act of Congress Patent (PL 98-137)	—	—	—	—
Conveyance of Federally Owned Minerals	1	646	—	—
Supplemental Exchange Patent	1	40	—	—
Total	45	7,558	20	14,001
Oregon—Other Agency				
Indian Fee Patents	6	960	—	—
National Forest Exchange	6	8,217	3	4,915
Reclamation Sale	—	—	—	—
Wildlife Refuge Exchange	1	40	—	—
Curative Forest Exchange	1	120	1	2,598
Total	14	9,337	4	7,513
Washington—BLM				
Exchange	1	390	—	—
Public Sale	6	237	5	77
Townsite Patent	—	—	—	—
Mining Claim Patent	1	75	—	—
Airport Conveyance Patent	—	—	—	—
Recreation & Public Purposes Act	1	40	4	41
State Lieu Selection Clear List	—	—	—	—
State Quantity Grant Clear List	—	—	—	—
Railroad Grant	2	2,246	1	7
Conveyance of Federally Owned Minerals	—	—	1	5,655
Confirmatory Patent for State Grants	—	—	2	70,887
Color of Title Patent	—	—	1	31
Total	11	2,988	14	76,698
Washington—Other Agency				
Indian Fee and Re-issue Trust	117	10,174	14	704
National Forest Exchange	2	4,872	5	10,882
Corrective Forest Homestead Patent	1	25	1	80
Curative Indian Fee	7	523	—	—
Total	127	19,594	20	11,666
Total—BLM	56	10,546	34	90,699
Total—Other Agency	141	24,931	24	19,179

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 minerals management 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 6.9 million acres are currently leased for oil and gas, 620,000 for geothermal resources and 5,700 acres for coal. Approximately 82,600 mining claims have been filed for hard rock minerals such as gold and silver, of these 55,300 are active.

Number of Mining Claim Recordations (all public Lands)

Claims:	4,401
Annual Fillings:	44,723

Number of Claim Notices and Plans of Operations

BLM & Forest Service	2,050
BLM Public Domain only:	536

Value of Mineral Material Production:

\$70,900

Solid Mineral Leases

Coal:	5
Uranium (Indian Lands):	3
Mineral Materials: (Indian Lands)	21

Leasable Minerals Operations

Activity	Oregon	Washington
Oil and Gas		
Exploration Permits	3	8
Miles of Seismic Survey	10	14
Wells Drilled	--	--
Total Footage Drilled	--	--
Geothermal		
Wells Drilled	7	--
Total Footage Drilled	23,726	--
Unit Agreements	260,958	--

Minerals and Energy

Minerals

Item	Oregon		Washington	
	FY 1985	FY 1986	FY 1985	FY 1986
Mineral Patents Issued	1	1	1	--
Coal Leases Issued, Acres	--	--	--	--
Coal Leases in Force, Acres	5,430	5,430	321	321
Oil & Gas Leases Issued, Acres	562,968	269,294	157,455	13,905
Oil & Gas Leases in Force, Acres	4,140,279	2,044,772	1,351,772	928,824

Competitive Geothermal Leases in Effect September 30, 1986

	Number	Acreage
Oregon Forest Service	1	360
Oregon BLM	12	26,000
Total	13	26,360

There were no competitive leases in effect in Washington.

Noncompetitive Geothermal Leases in Effect September 30, 1986

	Number Acreage		Number Acreage		
Oregon Forest Service	262	493,106	Washington Forest Service	47	73,263
Oregon BLM	22	26,748	Washington BLM	--	--
Total Oregon	284	519,854	Total Washington	47	73,263

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 interest of all our people. The Department also has a major responsibility for American Indian reservation communities for people who live in Island Territories under U.S. administration.