



United States
Department of
Agriculture

Forest Service

**Pacific
Northwest
Region**

October 1, 1991



Land Management Plans in the Pacific Northwest Region



Preface

The recently completed National Forest Land and Resource Management Plans provide a basis for sensitive and responsive National Forest management. They further our aim to earn the trust of the people we serve, and to care for the resources we manage. We worked closely with the public and with other agencies during their development. The Plans are a new commitment to our public.

Our land ethic, our relationships, and our culture are the cornerstone upon which we will continue to build commitments. Our actions will reflect these values and we will make the most of every opportunity to accomplish the goals provided by the Land and Resource Management Plans.

Introduction

National Forest Plans have been developed and implemented on the 19 National Forests and one National Grassland in the Pacific Northwest Region, Region 6, of the U.S. Department of Agriculture, Forest Service. These Plans were developed under the provisions of the National Forest Management Act of 1976 and the National Environmental Policy Act of 1969, as amended. The 19 Forest Plans in Region 6 were completed and implemented between February 1989 and February 1991.

These Plans provide the direction, objectives, standards and guidelines for management of the National Forests and the National Grassland in this Region. They will ordinarily be revised on a 10-year cycle, and may be amended or revised at any time conditions or requirements on the forests or grassland change.

The information presented is a summary of the National Forest Plans and the Grassland Plan. Acreage data may differ slightly from acreage data published elsewhere due to the mapping systems used in the development of the Plans, or to rounding of figures. In addition, three Forest Plans include parts of other states.

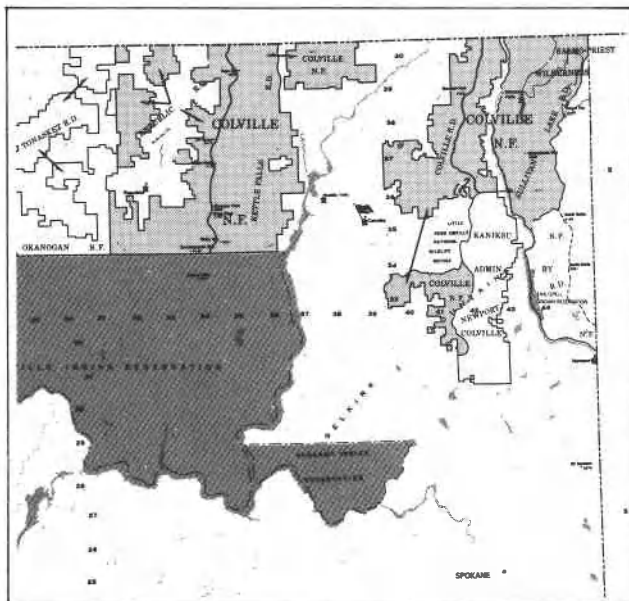
Questions about an individual Forest Plan may be directed to the respective National Forest Supervisor or to the Director of Planning, headquartered in Portland, Oregon.

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Land Use



e	Total Acres	Acres Available for Timber Management
Wilderness	30,613	0
Research Natural Areas	3,626	0
Semiprimitive Recreation	99,220	0
Recreation and Wildlife, Old Growth for Dependent Species, Water	42,964	0
Downhill Skiing	2,004	0
Recreation	37,162	15,600
Scenic Values and Wildlife Winter Range	298,283	187,300
Caribou Habitat and Wildlife Winter Range	154,474	99,100
Wood and Forage	427,672	313,600
Total	1,096,018	615,600



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 0.3 %
Wildlife Visitor Days Use	+ 0.5 %
Habitat Capability for Deer	No Change
Habitat Capability for Elk	+ 2.9 %



Wilderness and Roadless Areas

WILDERNESS - One Wilderness is located partially on the Colville National Forest:

	<u>Acres</u>
Salmo-Priest	30,613 *

* Portion of this Wilderness is on the adjacent National Forest.

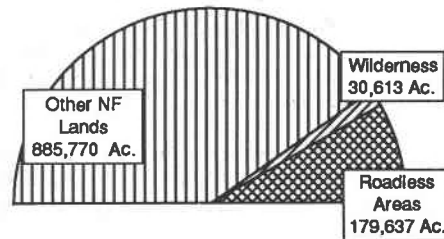
ROADLESS AREAS -

Inventory as of February, 1989 - 179,600 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 158,600 Acres

After 20 Years - 142,500 Acres



Colville National Forest (cont.)



Acres Available for Timber Management

	Acres
Planned for Full Timber Yields	254,300
Planned for 50-90% Yields	350,000
Planned for Less Than 50% Yields	11,300



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 123.4 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 23.4 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged applications will predominate.

Reforestation is planned for about 7,000 acres each year.

Tree stand improvement work is planned for 8,200 acres each year.



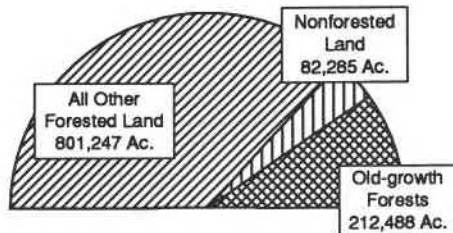
Old-growth Forests

An estimated 212,500 acres of old-growth forests are located on the Colville National Forest. 110,900 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 177,800 Acres

After 20 Years - 149,600 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	365,000	401,000
Dispersed Recreation		
Roaded	725,000	801,000
Unroaded	119,000	130,000
Wilderness	2,400	3,300



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	862	849
Roads Suitable for High Clearance Vehicles	2675	2500
Roads Closed to Vehicle Use	356	1126
Total Roads	3893	4475

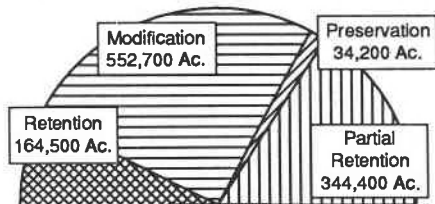


Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 35,000 AUMs
Plan Decade 2 - 35,000 AUMs



Visual Management

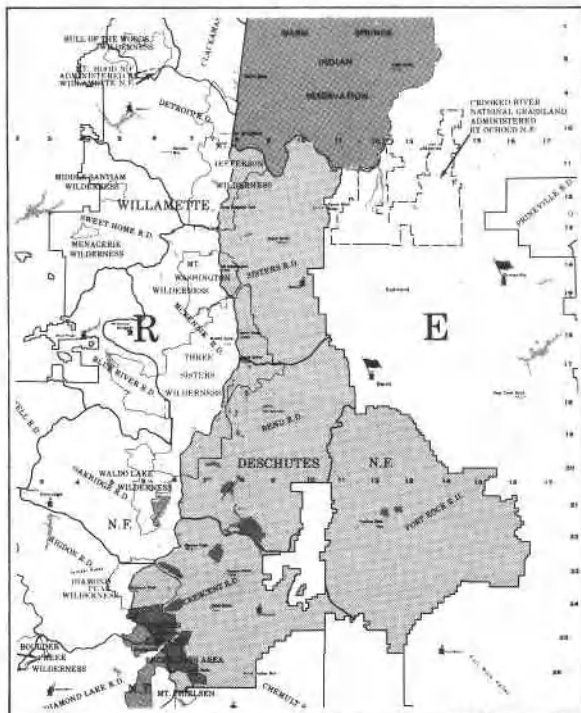
Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

Deschutes National Forest

The Forest Plan was implemented October 15, 1990.



Land Use



	Total Acres	Acres Available for Timber Management
Wilderness	181,300	0
Oregon Cascades Recreation Area	42,700	0
Research Natural Areas, Wild & Scenic Rivers	25,900	0
Experimental Forest	9,000	0
Special Areas, Metolius Heritage Area	42,900	0
Wildlife, Old Growth, Spotted Owl Habitat	65,100	0
Municipal Watershed	3,700	0
Winter, Intensive and Dispersed Recreation	147,700	0
Scenic and Special Areas	240,200	Partial
Wildlife	236,100	Partial
General Forest	626,200	Partial
Total	1,620,900	841,100



Wild & Scenic Rivers Program

River Name	Classification Miles			Total Miles
	Wild	Scenic	Recreation	
Squaw Creek	27.0	8.8	0	35.8
Big Marsh			15.0	15.0
Crescent Creek			10.0	10.0
Deschutes		11.0	43.4	54.4
Little Deschutes			12.0	12.0
Metolius		17.1	11.5	28.6
Total	27.0	36.9	91.9	155.8



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 2 %
Wildlife Visitor Days Use	+ 2 %
Habitat Capability for Deer	No Change
Habitat Capability for Elk	No Change



Wilderness and Roadless Areas

WILDERNESS - Five Wildernesses are located partially on the Deschutes National Forest:

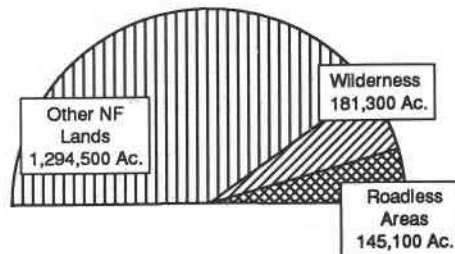
- Portions of these Wildernesses are on the adjacent National Forests.

	<u>Acres</u>
Mt. Jefferson	32,734 *
Mt. Washington	14,116 *
Three Sisters	94,370 *
Diamond Peak	34,413 *
Mt. Thielson	7,107 *

ROADLESS AREAS -

Inventory as of October, 1990 - 145,100 Acres

Estimates of Acres of Roadless Areas Existing
 After 10 Years - 145,100 Acres
 After 20 Years - 144,900 Acres



Deschutes National Forest (cont.)



Acres Available for Timber Management

Acres

Planned for Full Timber Yields

573,300

Planned for 50-90% Yields

267,800



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 99.8 Million Board Feet Per Year.

The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 42.0 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.

Even-aged applications will predominate.

Reforestation is planned for about 9,600 acres each year.

Tree stand improvement work is planned for 11,900 acres each year.



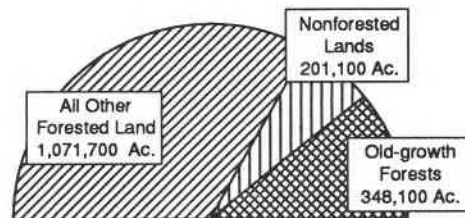
Old-growth Forests

An estimated 348,100 acres of old-growth forests are located on the Deschutes National Forest. 221,300 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 326,400 Acres

After 20 Years - 304,400 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	1,414,000	1,717,000
Dispersed Recreation		
Roaded	1,423,000	1,686,000
Unroaded	55,000	67,000
Wilderness	77,000	94,000



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	777	850
Roads Suitable for High Clearance Vehicles	7,926	5,350
Roads Closed to Vehicle Use	130	2,300
Total Roads	8,833	8,500

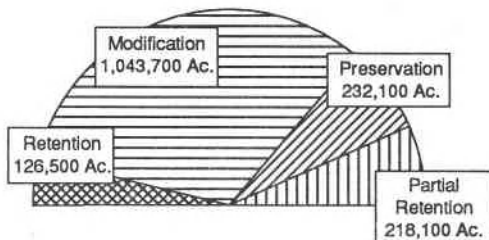


Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 35,000 AUMs
Plan Decade 2 - 45,000 AUMs



Visual Management

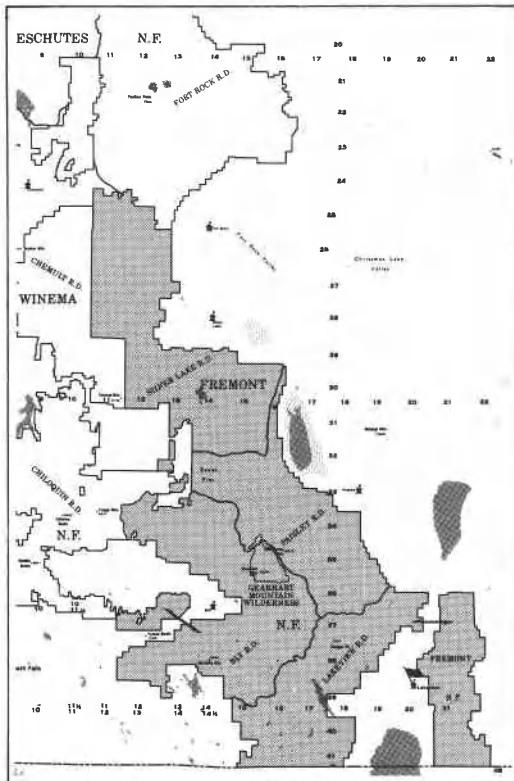
Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

Fremont National Forest

The Forest Plan was implemented June 26, 1989.



Land Use



	Total <u>Acres</u>	Acres Available for <u>Timber Management</u>
Wilderness	22,823	0
Wild and Scenic Rivers	12,832	0
Research Natural Areas	3,021	0
Semiprimitive Recreation	58,126	0
Developed Recreation Sites, Utility and Transportation Corridors	9,162	0
Minimum Management	59,277	0
Deer Winter Range	129,525	Partial
Old-Growth Habitat, T&E Species Habitat	78,188	Partial
Fish & Wildlife Habitat, Water Quality	22,847	Partial
Scenic Viewsheds, Special Areas	51,735	Partial
Timber & Range	618,568	Partial
Total	1,066,104	704,952



Wild & Scenic Rivers Program

<u>River Name</u>	<u>Classification Miles</u>			<u>Total Miles</u>
	<u>Wild</u>	<u>Scenic</u>	<u>Recreation</u>	
North Fork Sprague	0	15.0	0	15.0
Sycan		26.4	8.6	35.0 (1)
Total	0	41.4	8.6	50.0

(1) An additional 24 miles are managed jointly with the Winema N.F.



Wildlife and Fish Trends

Projected Annual Percentage Change

Fish and Wildlife Visitor Days Use	+ 1.5 %
Habitat Capability for Deer	
Summer Range	+ 2.1 %
Habitat Capability for Elk	+ 1.4 %



Wilderness and Roadless Areas

WILDERNESS - One Wilderness is located on the Fremont National Forest:

	<u>Acres</u>
Gearhart Mountain	22,823

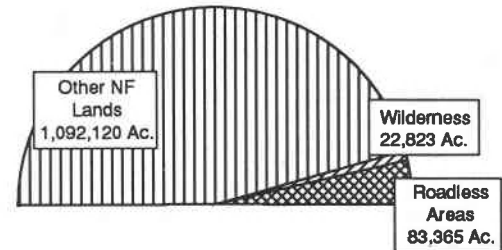
ROADLESS AREAS -

Inventory as of June 1, 1989 - 83,400 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 66,200 Acres

After 20 Years - 51,200 Acres



Fremont National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	614,600
Planned for 50-90% Yields	53,000
Planned for Less Than 50% Yields	37,400



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 139.5 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 18.9 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Uneven-aged applications will predominate.

Reforestation is planned for about 6,500 acres each year.

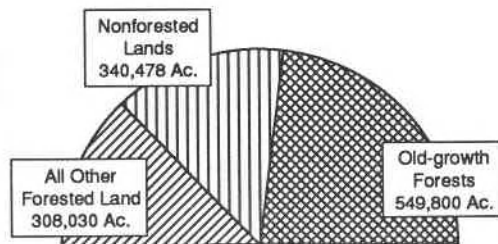
Tree stand improvement work is planned for 8,000 acres each year.



Old-growth Forests

An estimated 549,800 acres of old-growth forests are located on the Fremont National Forest. 63,500 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing
After 10 Years - 408,100 Acres
After 20 Years - 161,800 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	68,200	88,900
Dispersed Recreation		
Roaded Natural	113,500	116,200
Roaded Modified	46,000	52,000
Semiprimitive Nonmotorized	7,200	6,100
Semiprimitive Motorized	2,400	2,700
Wilderness	3,400	3,400



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the next 10 years</u>
Roads Suitable for Highway Type Vehicles	1141	1074
Roads Suitable for High Clearance Vehicles	5319	3383
Roads Closed to Vehicle Use	45	1810
Total Roads	6505	6267



Grazing

Projected Average Annual Permitted Grazing Use

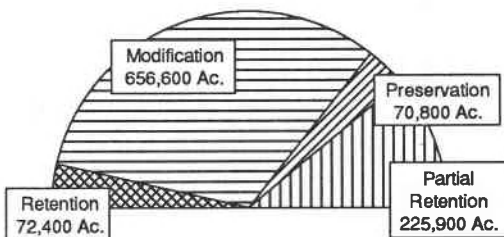
Animal Use Months (AUMs)

Plan Decade 1 - 71,000 AUMs
Plan Decade 2 - 71,000 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

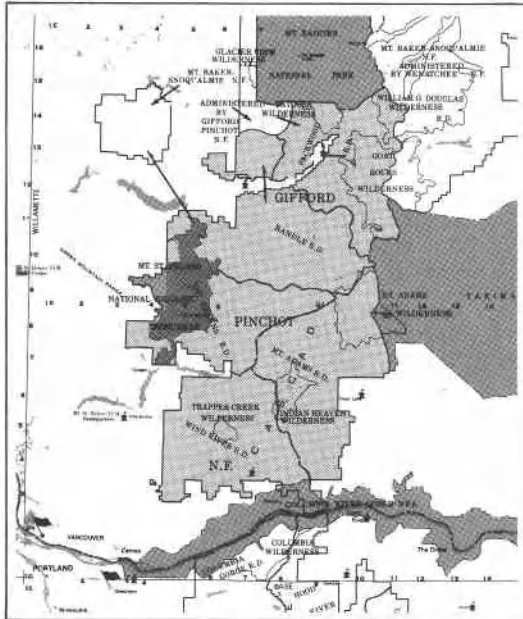


Gifford Pinchot National Forest

The Forest Plan was implemented July 30, 1990.



Land Use



	<u>Total Acres</u>	<u>Acres Available for Timber Management</u>
Wilderness	180,600	0
Mount St. Helens National Volcanic Monument	110,330	0
Research Natural Areas, Experimental Forest	12,580	0
Special Interest Areas	38,130	0
Unroded Recreation	78,190	0
Wildlife Special Emphasis, Pileated Woodpecker, Pine Martin, Spotted Owl	129,150	0
Developed Recreation, Administrative Sites, Utility Sites and Corridors	9,840	0
Deer/Elk Winter Range, Mountain Goat	134,270	115,100
Wild & Scenic Rivers	52,690	27,600
Roaded Recreation	38,060	1,100
Visual Emphasis	131,120	117,900
Timber Production	456,760	414,800
Total	1,371,720	676,500



Wild & Scenic Rivers Program

The Forest Plan recommends that four rivers totaling 107 miles be designated as Wild and Scenic Rivers. An additional 5.5 miles are on the National Park.



Wildlife and Fish Trends

Projected Annual Percentage Change

Fish and Wildlife Visitor Days Use	No Change
Habitat Capability for Deer	- 0.3 %
Habitat Capability for Elk	- 0.3 %
Habitat Capability for Anadromous Fish Smolt	+ 8.3 %



Wilderness and Roadless Areas

WILDERNESS - Seven Wildernesses are located wholly or partially on the Gifford Pinchot National Forest:

Acres

William O. Douglas	15,880 *
Goat Rocks	71,680 *
Glacier View	3,080
Tatoosh	15,800
Mt. Adams	47,270
Indian Heaven	20,960
Trapper Creek	5,950

* Portions of these Wildernesses are on the adjacent National Forest.

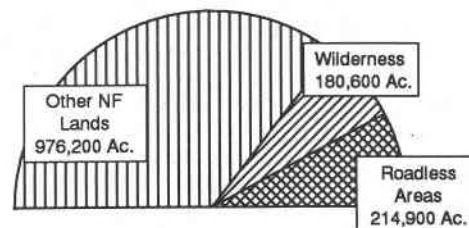
ROADLESS AREAS -

Inventory as of July, 1990 - 214,900 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 85,600 Acres

After 20 Years - 85,600 Acres



Gifford Pinchot National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	427,900
Planned for 50-90% Yields	239,300
Planned for Less Than 50% Yields	9,300



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 334 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 80.6 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged applications will predominate.

Reforestation is planned for about 6,800 acres each year.

Tree stand improvement work is planned for 9,200 acres each year.



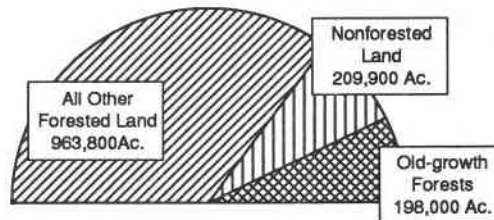
Old-growth Forests

An estimated 198,000 acres of old-growth forests are located on the Gifford Pinchot National Forest. 94,200 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 188,400 Acres

After 20 Years - 178,800 Acres





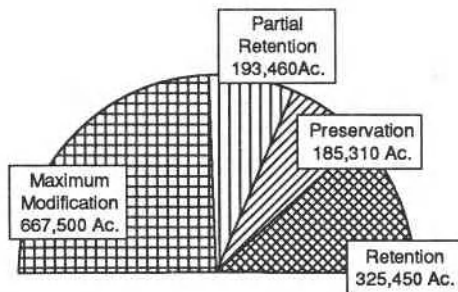
Recreation Use

	Projected Average Annual Visitor Days Use <u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	910,000	1,180,000
Dispersed Recreation		
Roaded	1,155,000	1,395,000
Unroad	190,000	218,000
Wilderness	168,000	197,000



Road Management

	Average Number of Miles of Roads <u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	1297	1560
Roads Suitable for High Clearance Vehicles	2480	1840
Roads Closed to Vehicle Use	387	1230
Total Roads	4164	4630



Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 4,100 AUMs
Plan Decade 2 - 4,100 AUMs



Visual Management

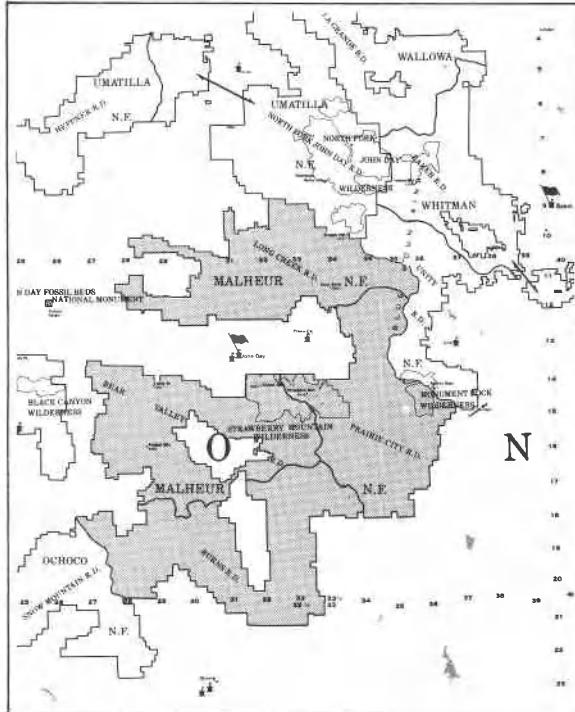
Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

Malheur National Forest

The Forest Plan was implemented July 9, 1990.



Land Use



	Total Acres	Acres Available for Timber Management
Wilderness	81,320	0
Research Natural Areas	750	0
Special Interest Area, Scenic Area	13,568	0
Semiprimitive Recreation	63,466	0
Wildlife Emphasis	26,116	0
Developed Recreation, Administrative Sites, Municipal Watershed	2,153	0
Rangeland	99,203	0
Minimum Management, Roads and Water	101,501	0
Wildlife Emphasis	273,770	150,018
Wild and Scenic Rivers	10,256	7,190
Riparian, Municipal Watershed	47,584	20,284
Visual Corridors	186,682	131,667
General Forest	553,053	526,811
Total	1,459,422	835,970



Wild & Scenic Rivers Program

River Name	Classification Miles			Total Miles
	Wild	Scenic	Recreation	
North Fork Malheur		22.8		22.8
Malheur	6.9	4.9		11.8
Total	6.9	27.7		34.6



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 2.7 %
Wildlife Visitor Days Use	+ 0.7 %
Habitat Capability for Elk	+ 0.7 %
Habitat Capability for Anadromous Fish Smolt	+ 2.7 %



Wilderness and Roadless Areas

WILDERNESS - Two Wildernesses are located wholly or partially on the Malheur National Forest:

	<u>Acres</u>
Strawberry Mountain	68,700
Monument Rock	12,620 *

- * Portion of this Wilderness is on the adjacent National Forest.

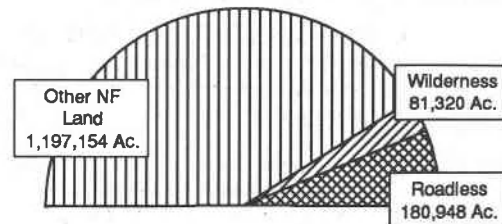
ROADLESS AREAS -

Inventory as of July 1990 - 180,900 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 75,000 Acres

After 20 Years - 75,000 Acres



Malheur National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	468,700
Planned for 50-90% Yields	322,900
Planned for Less Than 50% Yields	44,400



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 200 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 11 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Uneven-aged applications will predominate.

Reforestation is planned for about 12,700 acres each year.

Tree stand improvement work is planned for 10,800 acres each year.



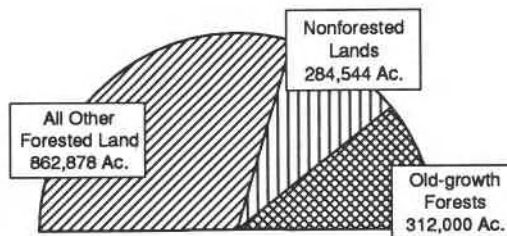
Old-growth Forests

An estimated 312,000 acres of old-growth forests are located on the Malheur National Forest. 121,000 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 251,600 Acres

After 20 Years - 191,600 Acres





Recreation Use

Projected Average Annual Visitor Days Use
Plan Decade 1 Plan Decade 2

Developed Sites Capacity	159,100	187,700
Dispersed Recreation		
Roaded Natural	113,600	124,300
Roaded Modified	55,200	60,500
Semiprimitive Nonmotorized	7,500	8,200
Semiprimitive Motorized	17,200	17,200
Wilderness	17,600	19,300



Road Management

Average Number of Miles of Roads
June 1990 During the Next 10 Years

Roads Suitable for Highway Type Vehicles	1200	1200
Roads Suitable for High Clearance Vehicles	6806	5300
Roads Closed to Vehicle Use	564	2688
Total Roads	8570	9188

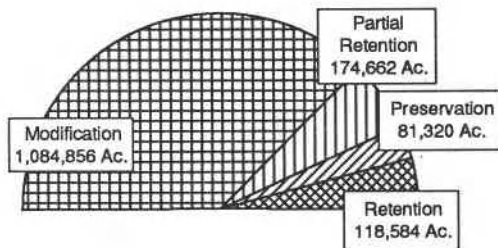


Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 110,000 AUMs
 Plan Decade 2 - 116,000 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

Mt. Baker-Snoqualmie National Forest

The Forest Plan was implemented July 28, 1990.



Land Use

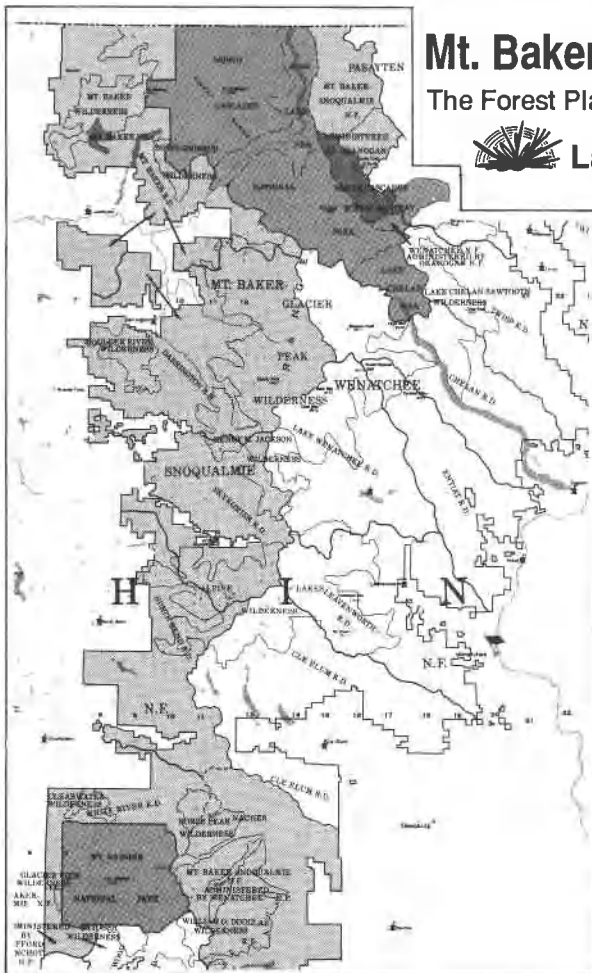
	Total Acres	Acres Available for Timber Management
Wilderness	721,716	0
Dispersed Unroaded Recreation	273,363	0
Research Natural Areas, Special Areas	11,554	0
Developed Recreation, Winter Sports	8,418	0
Wildlife Habitat, Old-Growth & Mature Habitat	93,391	0
Mountain Hemlock Zone	31,965	0
Administrative, Electronic Sites	1,157	0
Scenic Areas, Dispersed Roaded		
Recreation Areas	142,867	Partial
Wild & Scenic Rivers	37,902	Partial
Wildlife & Fish Habitat	80,635	Partial
Municipal Watersheds	58,196	Partial
Alpine Lakes Area	95,305	Partial
Timber	166,611	Partial
Total	1,723,080	346,411



Wild & Scenic Rivers Program

River Name	Classification Miles			Total Miles
	Wild	Scenic	Recreation	
Skagit		100.0	58.5	158.5

The Forest Plan recommends that 30 additional rivers totaling 423.6 miles be designated as Wild and Scenic Rivers. An additional 28.2 miles are on the National Park.





Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 0.2 %
Wildlife Visitor Days Use	+ 0.6 %
Habitat Capability for Deer	No Change
Habitat Capability for Elk	+ 0.1 %



Wilderness and Roadless Areas

WILDERNESS - Eight Wildernesses are located wholly or partially on the Mt. Baker-Snoqualmie National Forest:

- * Portions of these Wildernesses are on the adjacent National Forest.

	<u>Acres</u>
Mt. Baker	122,676
Glacier Peak	282,267 *
Noisy-Diobsud	15,015
Boulder River	50,388
Henry M. Jackson	75,836 *
Alpine Lakes	145,358 *
Clearwater	14,255
Norse Peak	15,923 *

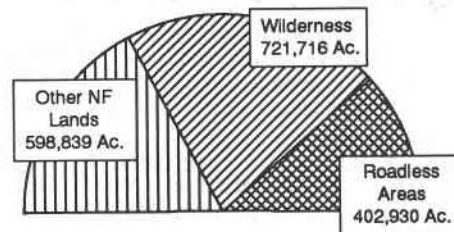
ROADLESS AREAS -

Inventory as of July 1, 1990 - 402,900 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 382,600 Acres

After 20 Years - 365,600 Acres



Mt. Baker-Snoqualmie National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	133,000
Planned for 50-90% Yields	213,000



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 108 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 14 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged applications will predominate.

Reforestation is planned for about 2,900 acres each year.

Tree stand improvement work is planned for 1,000 acres each year.



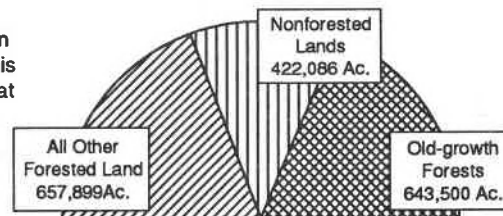
Old-growth Forests

An estimated 643,500 acres of old-growth forests are located on the Mt. Baker-Snoqualmie National Forest. 502,700 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 624,700 Acres

After 20 Years - 599,400 Acres





Recreation Use

	Projected Average Annual Visitor Days Use <u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Recreation	3,149,000	4,275,000
Dispersed Recreation		
Roaded	2,055,500	3,152,000
Unroaded	208,000	182,000
Wilderness	422,000	539,000



Road Management

	Average Number of Miles of Roads <u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	1,889	1,039
Roads Suitable for High Clearance Vehicles	803	1,483
Roads Closed to Vehicle Use	439	512
Total Roads	3,131	3,034



Grazing

Projected Average Annual Permitted Grazing Use

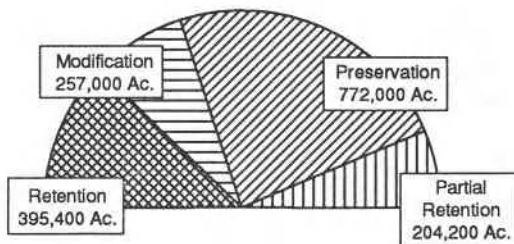
Animal Use Months (AUMs)

Plan Decade 1 - 1,000 AUMs
Plan Decade 2 - 1,000 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

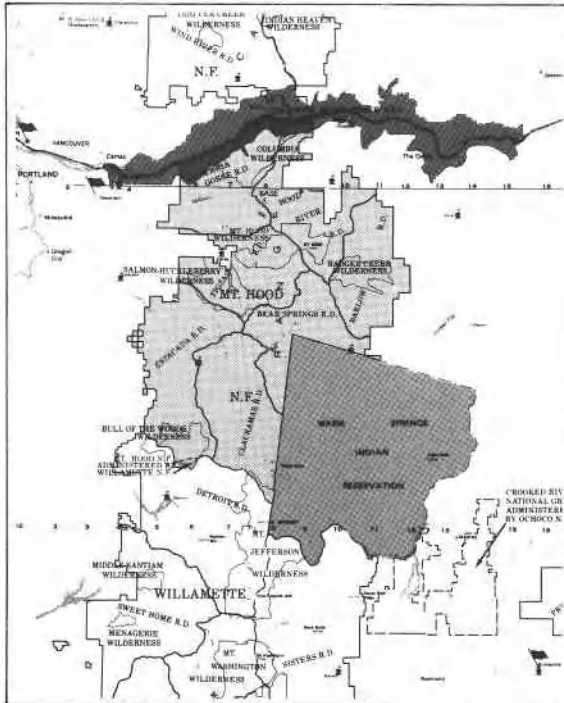


Mt. Hood National Forest

The Forest Plan was implemented February 11, 1991.



Land Use



	Total Acres	Acres Available for Timber Management
Wilderness	186,200	0
Columbia River Gorge National Scenic Area	33,875	0
Research Natural Areas, Special Areas	41,950	0
Semiprimitive Recreation	21,550	0
Bull Run Watershed and Key Riparian Areas	90,650	0
Spotted Owl and Bald Eagle Habitat	66,750	0
Recreation Emphasis	13,500	0
Wildlife Emphasis	74,100	Partial
Wild & Scenic Rivers	13,650	Partial
Watershed Emphasis	211,000	Partial
Scenic Viewsheds, Dispersed Recreation	127,200	Partial
Timber Emphasis	183,025	Partial
Total	1,063,450	388,428



Wild & Scenic Rivers Program

River Name	Classification Miles			Total Miles
	Wild	Scenic	Recreation	
Roaring	13.5		0.2	13.7
Salmon	15.0		10.5	25.5
Sandy	4.5		7.9	12.4
White		6.5	15.6	22.1
Clackamas		20.0	27.0	47.0
Total	33.0	26.5	61.2	120.7



Wildlife and Fish Trends

Projected Annual Percentage Change

Fish and wildlife Visitor Days Use	+ 0.1 %
Habitat Capability for Deer	- 0.6 %
Habitat Capability for Elk	- 0.6 %
Habitat Capability for Anadromous	
Fish Smolt, With Rehabilitation	+ 0.5 %



Wilderness and Roadless Areas

WILDERNESS - Six Wildernesses are located wholly or partially on the Mt. Hood National Forest:

* Portions of these Wildernesses are on the adjacent National Forests.

Acres

Mt. Jefferson	4,948 *
Mt. Hood	47,100
Badger Creek	24,295
Columbia	38,885
Bull of the Woods	26,385 *
Salmon-Huckleberry	44,600

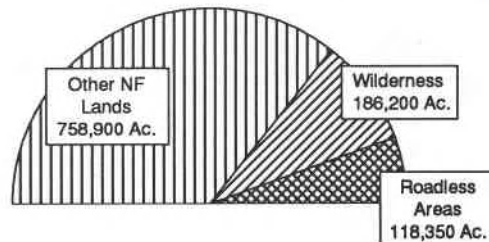
ROADLESS AREAS -

Inventory as of February, 1991 - 118,350 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 81,100 Acres

After 20 Years - 81,100 Acres



Mt. Hood National Forest (cont.)



Acres Available for Timber Management

	Acres
Planned for Full Timber Yields	162,300
Planned for 50-90% Yields	226,700



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 189 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 26 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged applications will predominate.

Reforestation is planned for about 2,900 acres each year.

Tree stand improvement work is planned for 2,200 acres each year.



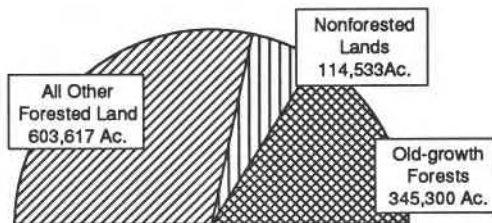
Old-growth Forests

An estimated 345,300 acres of old-growth forests are located on the Mt. Hood National Forest. 223,300 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 320,600 Acres

After 20 Years - 299,700 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	1,600,000	1,900,000
Dispersed Recreation		
Roaded Natural	1,251,000	1,764,000
Roaded Modified	853,000	1,203,000
Rural	909,000	909,000
Semiprimitive Nonmotorized	248,000	248,000
Semiprimitive Motorized	27,000	27,000
Wilderness	144,000	144,000



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	1341	1122
Roads Suitable for High Clearance Vehicles	2132	1678
Roads Closed to Vehicle Use	1521	1250
Total Roads	4994	4050

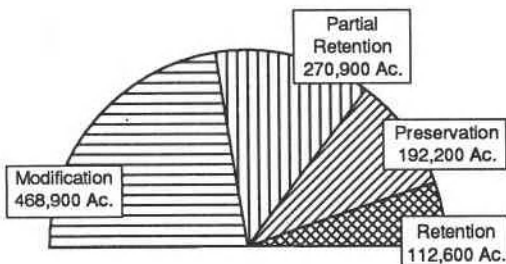


Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 10,200 AUMs
Plan Decade 2 - 9,500 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

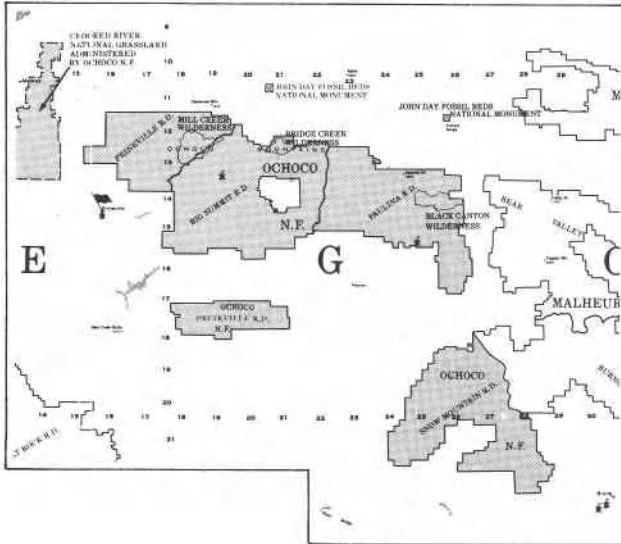
Ochoco National Forest

The Forest Plan was implemented October 16, 1989.



Land Use

	<u>Total Acres</u>	<u>Acres Available for Timber Management</u>
Wilderness	36,200	0
Research Natural Area	4,400	0
Dispersed Recreation, Further Planning	31,715	0
Old Growth	19,570	0
Developed Recreation, Administrative Facilities	2,270	0
Wildlife Emphasis	64,700	27,400
Riparian	18,130	11,510
Recreation Areas, Corridors & Trails, Scenic & Visual Corridors	63,760	42,530
General Forest and General Forest Winter Range	603,890	412,210
Total	844,635	493,650



Wild & Scenic Rivers Program

<u>River Name</u>	<u>Classification Miles</u>			<u>Total Miles</u>
	<u>Wild</u>	<u>Scenic</u>	<u>Recreation</u>	
North Fork Crooked		8.0	6.7	14.7



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 1.5 %
Wildlife Visitor Days Use	- 0.2 %
Habitat Capability for Deer	No Change
Habitat Capability for Elk	- 0.3 %
Habitat Capability for Anadromous Fish Smolt	+ 1.2 %



Wilderness and Roadless Areas

WILDERNESS - Three Wildernesses are located
on the Ochoco National Forest:

	<u>Acres</u>
Black Canyon	13,400
Mill Creek	17,400
Bridge Creek	5,400

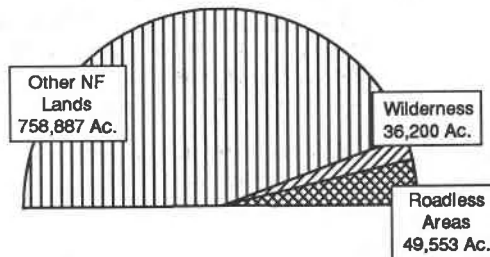
ROADLESS AREAS -

Inventory as of October 16, 1989 - 49,600 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 30,600 Acres

After 20 Years - 30,600 Acres



Ochoco National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for 50-90% Yields	491,900
Planned for Less Than 50% Yields	1,800



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 115 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 7 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged and uneven-aged applications will be used about equally.

Reforestation is planned for about 3,000 acres each year.

Tree stand improvement work is planned for 5,300 acres each year.



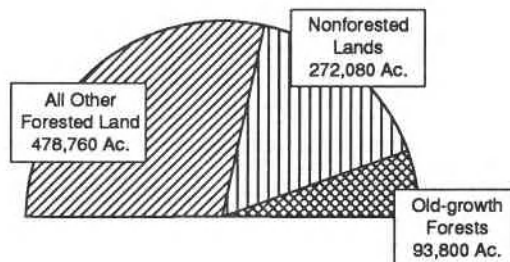
Old-growth Forests

An estimated 93,800 acres of old-growth forests are located on the Ochoco National Forest. 56,850 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 93,800 Acres

After 20 Years - 83,900 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	116,100	130,500
Dispersed Recreation		
Roaded	262,400	288,800
Unroaded	32,200	35,300
Wilderness	16,300	17,900



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	680	844
Roads Suitable for High Clearance Vehicles	1495	2332
Roads Closed to Vehicle Use	2742	1558
Total Roads	4917	4734

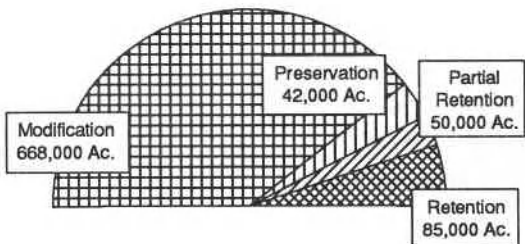


Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 58,000 AUMs
Plan Decade 2 - 62,500 AUMs



Visual Management

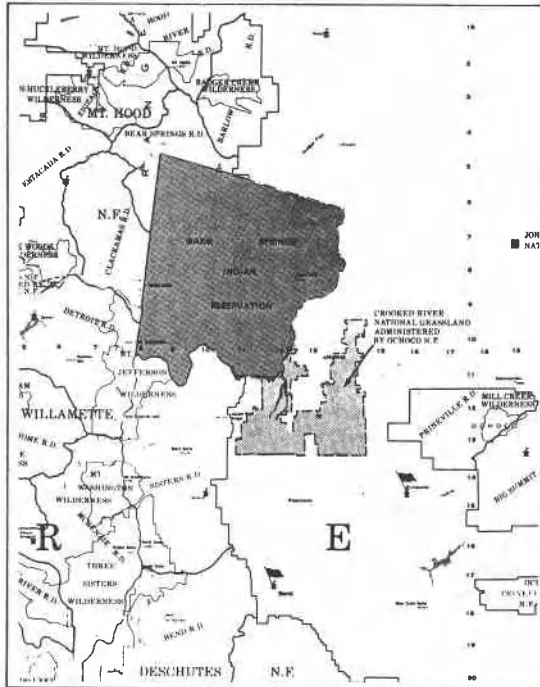
Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

Crooked River National Grassland

The Forest Plan was implemented October 16, 1989.



Land Use



	<u>Total Acres</u>	<u>Acres Available for Timber Management</u>
Research Natural Area	110	0
Recreation Emphasis	2,930	0
Roadless Recreation	7,840	0
Wild and Scenic Rivers	1,370	0
Juniper Old Growth	740	0
Electronic Site, Utility corridors	540	0
Antelope and Deer Winter Range	35,870	0
Riparian	2,110	0
Visual Emphasis	560	0
Range and Forage	59,440	0
Total	111,510	0



Wild & Scenic Rivers Program

Parts of the Deschutes Wild and Scenic River, and the Crooked Wild and Scenic River, managed by the Bureau of Land Management, are on the Crooked River National Grassland.

The Grassland Plan recommends that one additional river (Squaw Creek) totaling 7.5 miles be designated as a Wild and Scenic River.



Wildlife and Fish Trends

Projected Annual Percentage Change

Habitat Capability for Deer

- 2.9 %

Habitat Capability for Antelope

No Change



Wilderness and Roadless Areas

WILDERNESS - No Wildernesses are located on the Crooked River National Grassland.

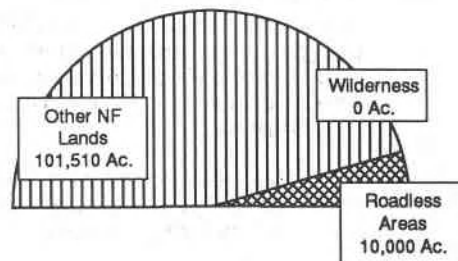
ROADLESS AREAS -

Inventory as of October, 1989 - 10,000 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 7,800 Acres

After 20 Years - 7,800 Acres



Crooked River National Grassland (cont.)



Acres Available for Timber Management

No acres are planned for timber production.



Planned Annual Timber Harvest Levels for the Next 10 Years

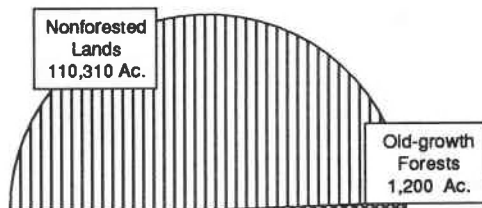
No timber harvest will occur.



Old-growth Forests

An estimated 1,200 acres of old-growth juniper are scattered throughout on the Crooked River National Grassland. 740 acres of this old growth are concentrated in large areas which will be managed to maintain its old-growth characteristics on a continuing basis.

Estimates of the Old-growth Acres Existing
After 10 Years - 740 Acres
After 20 Years - 740 Acres





Recreation Use

Projected Average Annual Visitor Days Use
Plan Decade 1 Plan Decade 2

Developed Sites	13,700	15,400
Dispersed Recreation		
Roaded	37,800	37,800
Unroaded	2,000	2,100



Road Management

Average Number of Miles of Roads
June 1990 During the Next 10 Years

Roads Suitable for Highway Type Vehicles	4	4
Roads Suitable for High Clearance Vehicles	496	446
Roads Closed to Vehicle Use	15	15
Total Roads	515	465



Grazing

Projected Average Annual Permitted Grazing Use

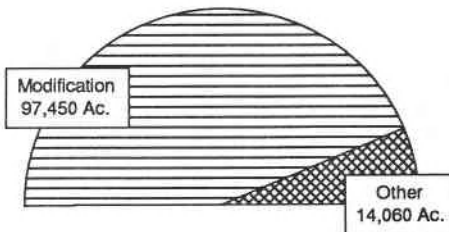
Animal Use Months (AUMs)

Plan Decade 1 - 18,000 AUMs
 Plan Decade 2 - 19,000 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.



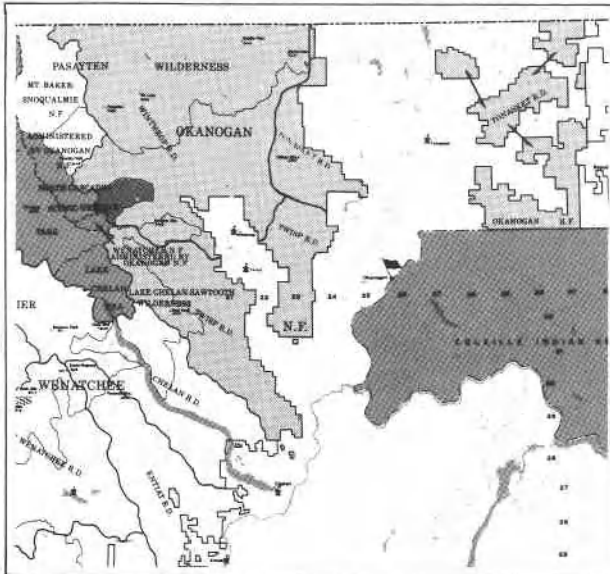
Okanogan National Forest

The Forest Plan was implemented February 5, 1990.



Land Use

	<u>Total Acres</u>	<u>Acres Available for Timber Management</u>
Wilderness	626,200	0
Research Natural Area	10,400	0
Botanical Area	3,200	0
Recreation and Minerals	12,400	0
Semiprimitive Recreation	94,900	0
North Cascades Scenic Highway	72,500	0
Mountain Goat Habitat	44,100	0
Developed Recreation	4,800	0
Wildlife Emphasis	325,400	210,500
Roaded Natural Recreation	162,700	105,300
Timber and Range	349,600	226,100
Total	1,706,200	541,900



Wild & Scenic Rivers Program

The Forest Plan recommends that portions of six rivers totaling 123.4 miles be designated as Wild and Scenic Rivers.



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Capacity, Visitor Days Use	+ 2.1 %
Hunting Capacity, Visitor Days Use	+ 1.8 %
Other Wildlife Use Capacity	
Visitor Days Use	+ 1.2 %
Habitat Capability for Deer	- 0.2 %
Habitat Capability for	
Anadromous Fish Smolt	+ 1.0 %



Wilderness and Roadless Areas

WILDERNESS - Two Wildernesses are located wholly or partially on the Okanogan National Forest:

Acres

Pasayten	530,000
Lake Chelan-Sawtooth	96,200 *

* Portion of this Wilderness is on the adjacent National Forest.

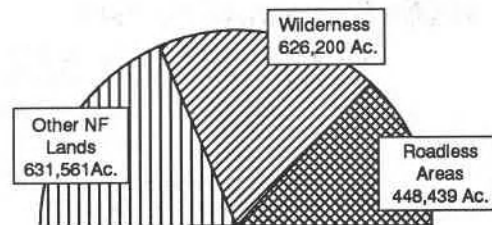
ROADLESS AREAS -

Inventory as of February, 1990 - 448,400 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 422,000 Acres

After 20 Years - 386,000 Acres



Okanogan National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	271,100
Planned for 50-90% Yields	155,400
Planned for Less Than 50% Yields	115,400



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 63.3 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 12.5 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged applications will predominate.

Reforestation is planned for about 5,700 acres each year.

Tree stand improvement work is planned for 1,900 acres each year.



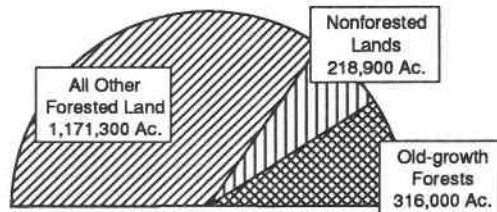
Old-growth Forests

An estimated 316,000 acres of old-growth forests are located on the Okanogan National Forest. 217,000 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 310,000 Acres

After 20 Years - 296,000 Acres





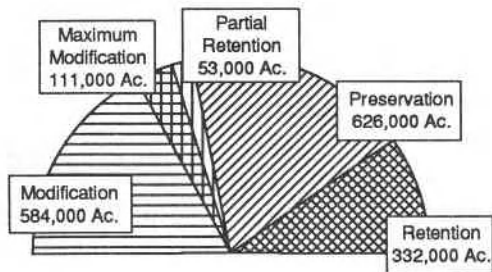
Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	400,000	450,000
Dispersed Recreation		
Roaded	424,000	496,000
Unroaded	128,000	142,000
Wilderness	110,000	145,000



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	1040	1029
Roads Suitable for High Clearance Vehicles	1055	860
Roads Closed to Vehicle Use	450	631
Total Roads	2545	2520



Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 53,200 AUMs
Plan Decade 2 - 56,900 AUMs



Visual Management

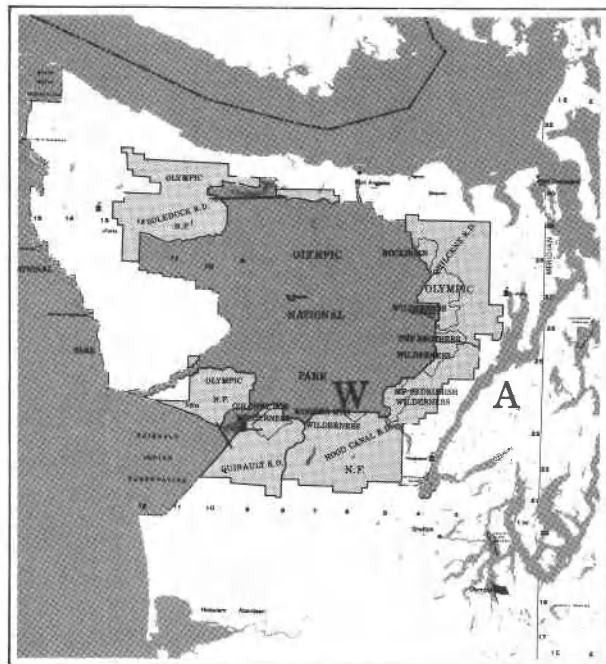
Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

Olympic National Forest

The Forest Plan was implemented August 27, 1990.



Land Use



	Total Acres	Acres Available for Timber Management
Wilderness	88,300	0
Research Natural Area	1,524	0
Botanical Area	3,200	0
Undeveloped Recreation	40,600	0
Bald Eagle Management Areas, Woodpecker/ Martin Habitat, Spotted Owl Habitat Areas	81,400	0
Developed Recreation and Administrative Sites	1,100	0
Wild, Scenic & Recreation Rivers	1,800	1,045
Municipal Watershed	33,200	28,403
River Corridors	17,300	12,263
Scenic	38,200	30,527
Timber Management	325,700	279,871
Total	632,324	352,109



Wild & Scenic Rivers Program

The Forest Plan recommends that three rivers totaling 32.1 miles be designated as Wild and Scenic Rivers.



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	- 0.2 %
Wildlife Visitor Days Use	- 0.5 %
Habitat Capability for Deer	- 0.5 %
Habitat Capability for Elk	- 0.7 %
Habitat Capability for Anadromous Fish Smolt	- 0.1%



Wilderness and Roadless Areas

WILDERNESS - Five Wildernesses are located
on the Olympic National Forest:

Acres

Buckhorn	44,258
Colonel Bob	11,961
Mt. Skokomish	13,015
The Brothers	16,682
Wonder Mountain	2,349

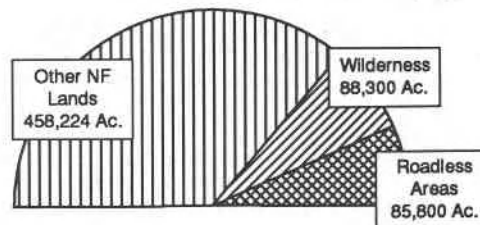
ROADLESS AREAS -

Inventory as of August, 1990 - 85,800 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 71,500 Acres

After 20 Years - 64,300 Acres



Olympic National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	280,500
Planned for 50-90% Yields	71,600



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 110.9 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 12.3 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged applications will predominate.

Reforestation is planned for about 2,400 acres each year.

Tree stand improvement work is planned for 3,500 acres each year.



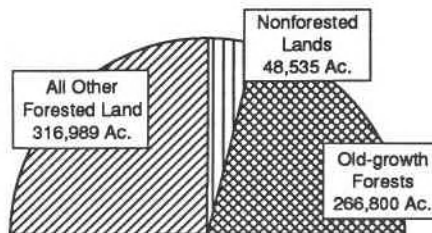
Old-growth Forests

An estimated 266,800 acres of old-growth forests are located on the Olympic National Forest. 165,300 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 244,900 Acres

After 20 Years - 223,000 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	411,100	447,600
Dispersed Recreation		
Roaded	917,300	1,002,600
Unroaded	32,400	36,600
Wilderness	97,300	104,700



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	743	717
Roads Suitable for High Clearance Vehicles	1249	1281
Roads Closed to Vehicle Use	602	737
Total Roads	2594	2735



Grazing

Projected Average Annual Permitted Grazing Use

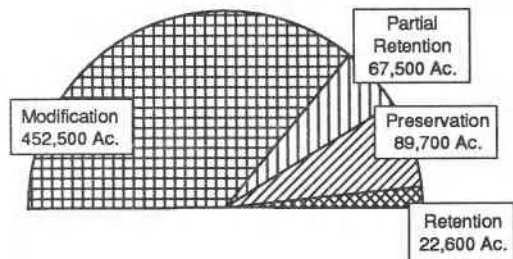
Animal Use Months (AUMs)

Plan Decade 1 - 200 AUMs
Plan Decade 2 - 200 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.



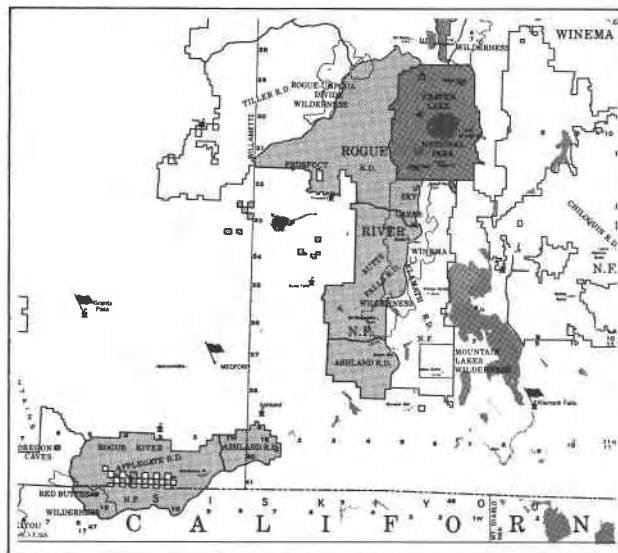
Rogue River National Forest

The Forest Plan was implemented September 3, 1990.



Land Use

	Total Acres	Acres Available for Timber Management
Wilderness	92,793	0
Research Natural Area, Wild River	8,631	0
Botanical, Special Interest	25,734	0
Old Growth and Spotted Owl Habitat	37,576	0
Backcountry Recreation	12,801	0
Watershed, Riparian Areas	29,458	0
Developed Recreation	5,352	0
Minimum Management, Rangeland	60,980	0
Wildlife Emphasis	70,668	51,778
Wild & Scenic Rivers	5,440	2,257
Watershed	28,052	22,992
Visual Emphasis	37,853	21,910
Timber	216,510	216,510
Total	631,848	315,446



Wild & Scenic Rivers Program

River Name	Classification Miles			Total Miles
	Wild	Scenic	Recreation	
Upper Rogue	6.1	34.2		40.3



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 5.5 %
Wildlife Visitor Days Use	+ 1.3 %
Habitat Capability for Deer	+ 1.3 %
Habitat Capability for Elk	+ 1.0 %



Wilderness and Roadless Areas

WILDERNESS - Three Wildernesses are located partially on the Rogue River National Forest.

Acres

Sky Lakes	70,113 *
Red Buttes	16,900 *
Rogue-Umpqua Divide	5,877 *

* Portions of these Wildernesses are on the adjacent National Forests.

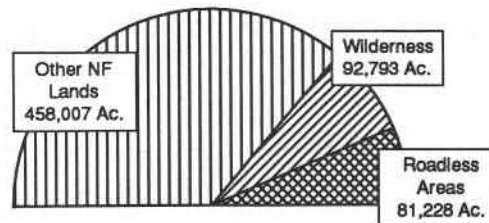
ROADLESS AREAS -

Inventory as of September, 1990 - 81,200 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 57,900 Acres

After 20 Years - 52,700 Acres



Rogue River National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	240,000
Planned for 50-90% Yields	75,000



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 119.8 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 3.2 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged and uneven-aged applications will be used about equally.

Reforestation is planned for about 4,400 acres each year.

Tree stand improvement work is planned for 4,400 acres each year.



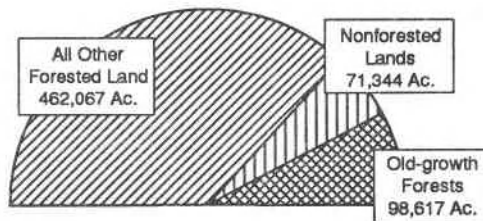
Old-growth Forests

An estimated 98,600 acres of old-growth forests are located on the Rogue River National Forest. 59,000 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 81,800 Acres

After 20 Years - 74,900 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	369,000	407,000
Dispersed Recreation		
Roaded	161,000	196,000
Unroaded	13,000	17,000
Wilderness	12,000	16,000



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	928	937
Roads Suitable for High Clearance Vehicles	1600	1465
Roads Closed to Vehicle Use	391	803
Total Roads	2919	3205



Grazing

Projected Average Annual Permitted Grazing Use

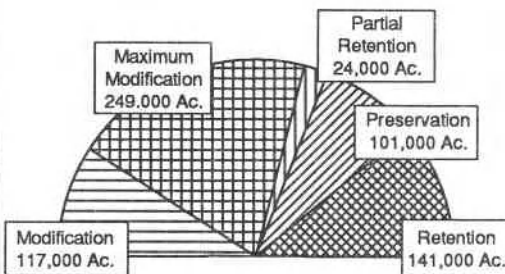
Animal Use Months (AUMs)

Plan Decade 1 - 21,200 AUMs
Plan Decade 2 - 21,900 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.



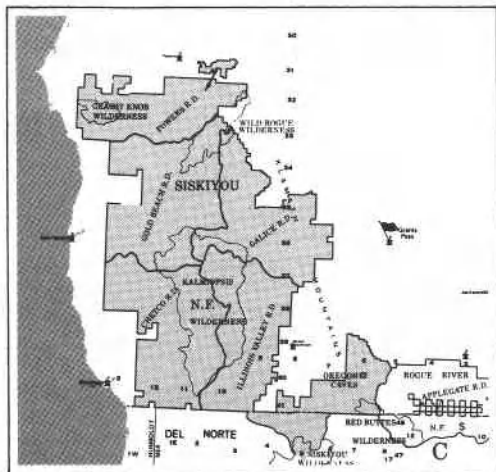
Siskiyou National Forest

The Forest Plan was implemented May 1, 1989.



Land Use

	<u>Total Acres</u>	<u>Acres Available for Timber Management</u>
Wilderness	232,495	0
Backcountry Recreation	40,871	0
Research Natural Areas, Botanical Areas, Wild Rivers, Unique Areas	27,927	0
Wildlife Habitat & Sites	105,970	0
Visual Management	143,792	112,000
Scenic & Recreational Rivers	10,317	8,000
Riparian Management	96,623	70,000
General Forest	434,307	320,000
Total	1,092,302	510,000



Wild & Scenic Rivers Program

<u>River Name</u>	<u>Classification Miles</u>			<u>Total Miles</u>
	<u>Wild</u>	<u>Scenic</u>	<u>Recreation</u>	
Chetco	25.5	8.0	11.0	44.5
Elk	2.0	0	17.0	19.0
Illinois	28.7	17.9	3.8	50.4
North Fork Smith	8.5	4.5	0	13.0
Rogue	12.8	7.5	17.0	37.3
Total	77.5	37.9	48.8	164.2



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 1.8%
Wildlife Visitor Days Use	+ 0.3%
Habitat Capability for Deer	+ 0.1%
Habitat Capability for Elk	No Change
Habitat Capability for Anadromous Fish Smolt	No Change



Wilderness and Roadless Areas

WILDERNESS - Five Wildernesses are located wholly or partially on the Siskiyou National Forest.

- * Portions of these Wildernesses are on the adjacent National Forests.
- ** Portions of this Wilderness are on other ownership lands.

	<u>Acres</u>
Grassy Knob	17,200
Kalmiopsis	179,850
Red Buttes	3,414 *
Siskiyou	5,323 *
Wild Rogue	26,708 **

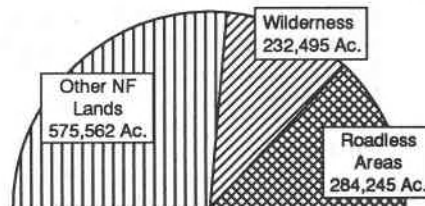
ROADLESS AREAS -

Inventory as of May 1, 1989 - 284,200 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 135,000 Acres

After 20 Years - 126,000 Acres



Siskiyou National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	320,000
Planned for 50-90% Yields	105,000
Planned for Less Than 50% Yields	85,000



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 160 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 15.9 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged applications will predominate.

Reforestation is planned for about 6,200 acres each year.

Tree stand improvement work is planned for 5,400 acres each year.



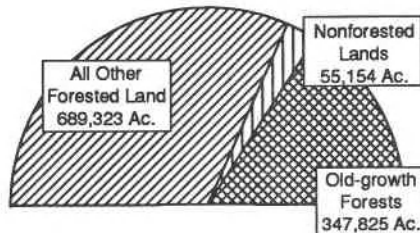
Old-growth Forests

An estimated 347,800 acres of old-growth forests are located on the Siskiyou National Forest. 179,700 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 310,200 Acres

After 20 Years - 260,400 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	121,600	127,800
Dispersed Recreation		
Roaded Natural	366,200	386,100
Semiprimitive Nonmotorized	12,700	13,400
Semiprimitive Motorized	72,300	75,900
Wilderness	22,700	23,600



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	802	1401
Roads Suitable for High Clearance Vehicles	1800	810
Roads Closed to Vehicle Use	290	662
Total Roads	2892	2873



Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

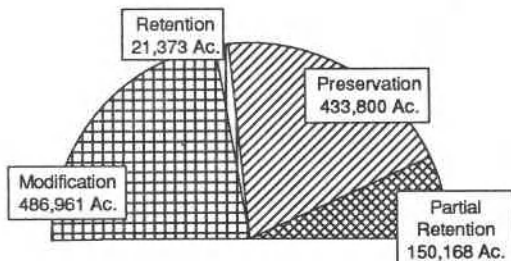
Plan Decade 1 - 3,000 AUMs

Plan Decade 2 - 3,000 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.



The Forest Plan was implemented April 16, 1990.



e	Total Acres	Acres Available for Timber Management
Wilderness	22,186	0
Oregon Dunes National Recreation Area	26,513	0
Research Natural Areas	1,408	0
Cascade Head Experimental Forest, Scenic Research Area	11,997	0
Special Interest Areas	5,384	0
Old-Growth Stands	1,000	0
Undeveloped Areas	6,197	0
Silverspot Butterfly, Bald Eagle & Spotted Owl Habitat	50,940	0
Special Recreation Areas	3,698	0
Scenic Viewsheds	33,666	19,859
Timber/Wildlife/Fish	468,372	349,141
Total	631,361	369,000





Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	- 0.4 %
Wildlife Visitor Days Use	+ 0.6 %
Habitat Capability for Deer	- 0.4 %
Habitat Capability for Elk	No Change
Habitat Capability for Anadromous Fish Smolt	- 0.5 %



Wilderness and Roadless Areas

WILDERNESS - Three Wildernesses are located
on the Siuslaw National Forest:

Acres

Cummins Creek	9,173
Drift Creek	5,798
Rock Creek	7,486

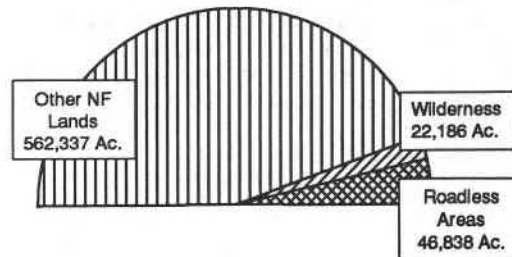
ROADLESS AREAS -

Inventory as of April, 1990 - 46,800 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 44,400 Acres

After 20 Years - 42,400 Acres



Siuslaw National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	289,600
Planned for 50-90% Yields	70,700
Planned for Less Than 50% Yields	8,700



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 335 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 13 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged applications will predominate.

Reforestation is planned for about 5,200 acres each year.

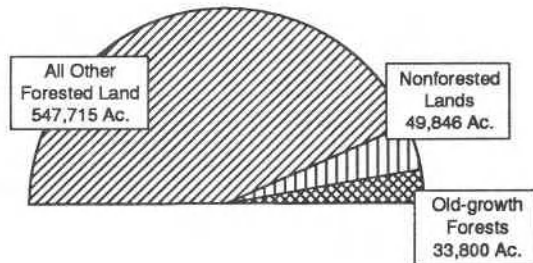
Tree stand improvement work is planned for 2,300 acres each year.



Old-growth Forests

An estimated 33,800 acres of old-growth forests are located on the Siuslaw National Forest. 23,300 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing
After 10 Years - 30,800 Acres
After 20 Years - 24,300 Acres





Recreation Use

Projected Average Annual Visitor Days Use

	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	817,200	904,100
Dispersed Recreation		
Roaded Natural & Rural	577,900	622,000
Semiprimitive Motorized	415,700	450,600
Semiprimitive Nonmotorized	22,700	30,400
Wilderness	12,800	18,700



Road Management

Average Number of Miles of Roads June 1990 During the Next 10 Years

Roads Suitable for Highway Type Vehicles	898	800
Roads Suitable for High Clearance Vehicles	1440	1350
Roads Closed to Vehicle Use	164	350
Total Roads	2502	2500

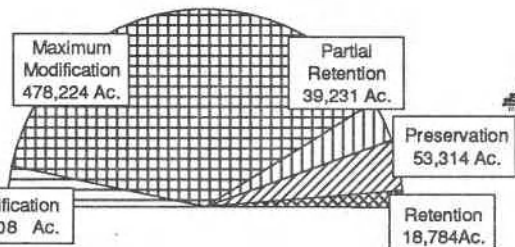


Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 2,000 AUMs
Plan Decade 2 - 2,000 AUMs



Visual Management

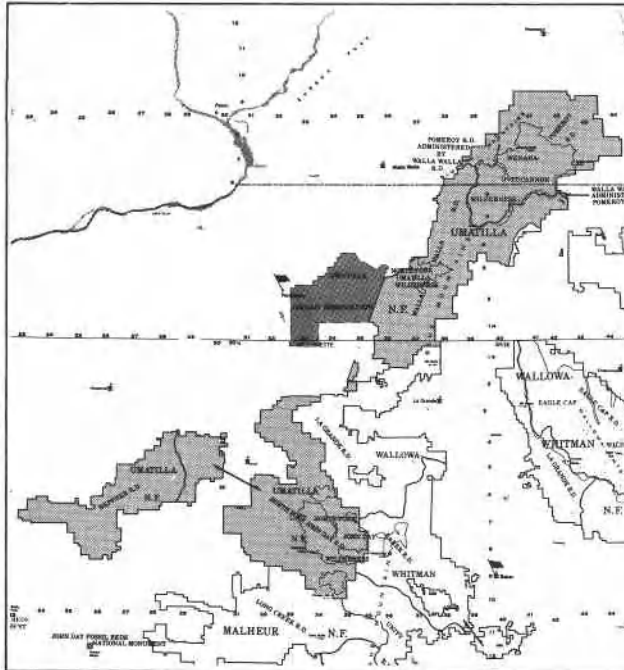
Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

Umatilla National Forest

The Forest Plan was implemented August 6, 1990.



Land Use



	Total Acres	Acres Available for Timber Management
Wilderness	304,400	0
Research Natural Area, Special Area	36,200	0
Dispersed Recreation	34,800	0
Developed Recreation	4,400	0
Old Growth, Wildlife Emphasis	147,900	0
Municipal, Walla Walla River Watersheds	55,800	3,382
Wenaha-Tucannon Special Management Area	3,300	2,547
Viewshed, Roaded Natural	77,100	37,682
Wild & Scenic Rivers	7,600	3,344
Wildlife Emphasis	547,800	360,558
Timber, Forage, Big Game	291,800	211,256
Total	1,511,100	618,769



Wild & Scenic Rivers Program

River Name	Classification Miles			Total Miles
	Wild	Scenic	Recreation	
North Fork John Day	24.3	10.5	8.3	43.1
Wenaha	18.7	2.7	0.2	21.6
Grande Ronde			1.5	1.5 (1)
Total	43.0	13.2	10.0	66.2

(1) An additional 17.4 miles are managed jointly with the Wallowa-Whitman N.F.



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 2.6 %
Wildlife Visitor Days Use	- 0.3 %
Habitat Capability for Deer	- 0.3 %
Habitat Capability for Elk	- 0.3 %
Habitat Capability for Anadromous Fish Smolt	+ 5.1 %



Wilderness and Roadless Areas

WILDERNESS - Three Wildernesses are located wholly or partially on the Umatilla National Forest:

	<u>Acres</u>
Wenaha-Tucannon	177,469
North Fork Umatilla	20,144
North Fork John Day	106,787 *

* Portions of this Wilderness is on the adjacent National Forest.

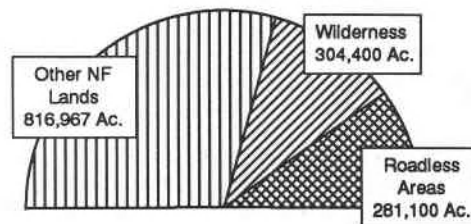
ROADLESS AREAS -

Inventory as of August 1990 - 281,100 Acres,

Estimates of Acres of Roadless Areas Existing

After 10 Years - 203,000 Acres

After 20 Years - 195,000 Acres



Umatilla National Forest (cont.)



Acres Available for Timber Management

	Acres
Planned for Full Timber Yields	441,300
Planned for 50-90% Yields	177,500



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 124 Million Board Feet Per Year.

The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 35 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.

Even-aged applications will predominate.

Reforestation is planned for about 7,500 acres each year.

Tree stand improvement work is planned for 2,900 acres each year.



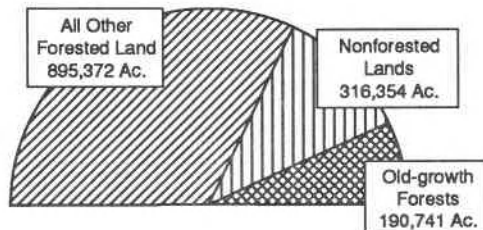
Old-growth Forests

An estimated 190,700 acres of old-growth forests are located on the Umatilla National Forest. 160,000 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 181,800 Acres

After 20 Years - 172,900 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	280,000	340,000
Dispersed Recreation		
Roaded	1,062,000	1,131,000
Unroaded	132,000	122,000
Wilderness	115,000	119,000



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	788	900
Roads Suitable for High Clearance Vehicles	2504	2530
Roads Closed to Vehicle Use	1900	1108
Total Roads	5192	4538



Grazing

Projected Average Annual Permitted Grazing Use

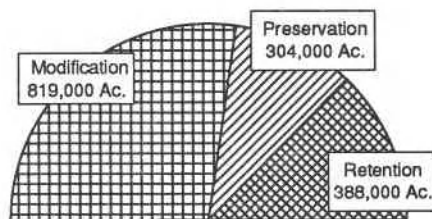
Animal Use Months (AUMs)

Plan Decade 1 - 58,000 AUMs
Plan Decade 2 - 58,000 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

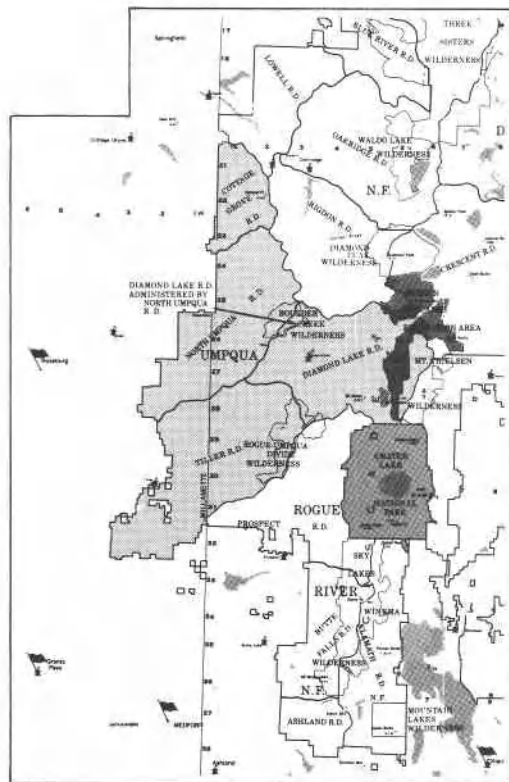


Umpqua National Forest

The Forest Plan was implemented October 29, 1990.



Land Use



	<u>Total Acres</u>	<u>Acres Available for Timber Management</u>
Wilderness	70,800	0
Oregon Cascades Recreation Area	35,500	0
Research Natural Areas, Experimental Forest	3,300	0
Wild & Scenic Rivers	7,000	0
Special Interest Areas	4,500	0
Semiprimitive Recreation	26,300	0
Wildlife Emphasis, Spotted Owl Habitat	83,400	0
Winter Recreation, Developed Recreation Sites	3,800	0
Maintenance Management	91,000	0
Wildlife Winter Range, Pine Martin, Snags	191,600	178,400
Riparian	34,300	19,100
Concentrated Developed Recreation	8,900	500
Timber Emphasis	423,800	423,800
Total	984,200	621,800



Wild & Scenic Rivers Program

<u>River Name</u>	<u>Classification Miles</u>			<u>Total Miles</u>
	<u>Wild</u>	<u>Scenic</u>	<u>Recreation</u>	
North Umpqua			25.4	25.4



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 3.2 %
Wildlife Visitor Days Use	- 0.9 %
Habitat Capability for Deer	- 0.9 %
Habitat Capability for Elk	- 0.7 %
Habitat Capability for Anadromous Fish Smolt	+ 2.7 %



Wilderness and Roadless Areas

WILDERNESS - Three Wildernesses are located wholly or partially on the Umpqua National Forest:

	<u>Acres</u>
Mt. Thielsen	22,700 *
Rogue-Umpqua Divide	29,027 *
Boulder Creek	19,100

* Portions of these Wildernesses are on the adjacent National Forests.

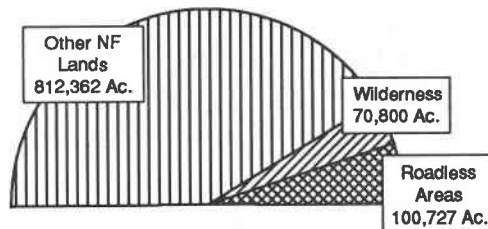
ROADLESS AREAS -

Inventory as of October 29, 1990 - 100,700 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 24,800 Acres

After 20 Years - 19,400 Acres



Umpqua National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	488,600
Planned for 50-90% Yields	62,700
Planned for Less Than 50% Yields	69,800



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 333.7 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 60.1 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged applications will predominate.

Reforestation is planned for about 7,300 acres each year.

Tree stand improvement work is planned for 12,800 acres each year.



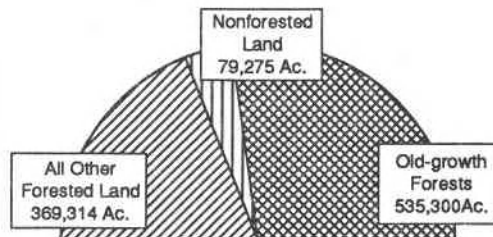
Old-growth Forests

An estimated 535,300 acres of old-growth forests are located on the Umpqua National Forest. 219,000 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 463,400 Acres

After 20 Years - 396,600 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	500,000	604,000
Dispersed recreation		
Roaded	379,000	458,500
Unroaded	16,900	20,900
Wilderness	16,900	20,200



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	1144	1500
Roads Suitable for High Clearance Vehicles	2421	2400
Roads Closed to Vehicle Use	1145	900
Total Roads	4710	4800

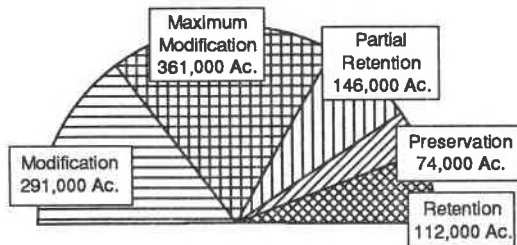


Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 11,400 AUMs
Plan Decade 2 - 12,500 AUMs



Visual Management

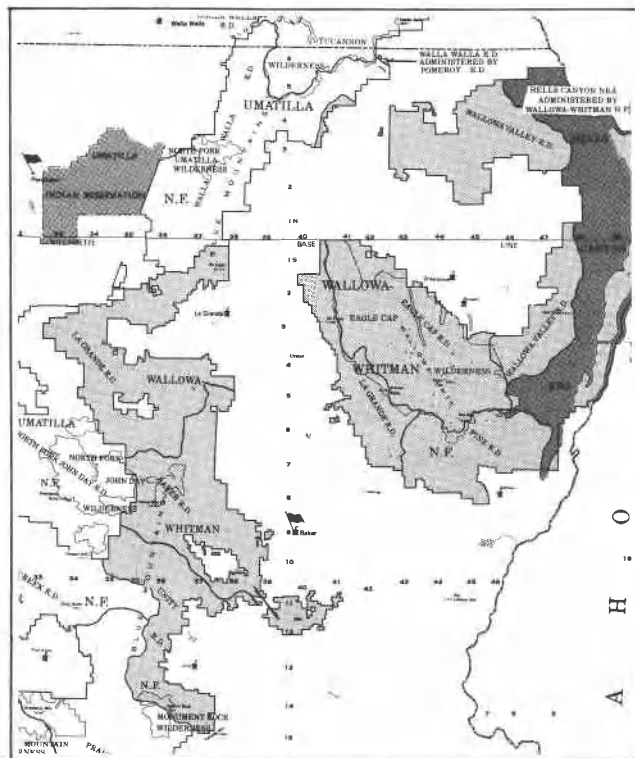
Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

Wallowa-Whitman National Forest

The Forest Plan was implemented June 4, 1990.



Land Use



	Total Acres	Acres Available for Timber Management
Wilderness	582,700	0
Hells Canyon National Recreation Area	369,168	42,323
Research Natural Areas, Experimental Forest	29,761	0
Old-Growth Forests	36,750	0
Roadless Recreation, Further Planning	128,521	0
Administrative, Recreation Sites, Utility Corridors	12,338	0
Wildlife Habitat Emphasis	441,856	261,946
Wild and Scenic Rivers	26,909	4,021
Concentrated Recreation (Phillips Lake Area)	4,967	1,743
Timber Emphasis	716,245	510,432
Total	2,349,215	820,465



Wild & Scenic Rivers Program

River Name	Classification Miles			Total Miles
	Wild	Scenic	Recreation	
North Fork John Day	3.5		7.5	11.0
North Powder		6.0		6.0
Snake	31.5	36.0		67.5
Eagle Creek	4.0	6.0	17.0	27.0
Imnaha	15.0	4.0	58.0	77.0
Joseph Creek	8.6			8.6
Lostine	5.0		11.0	16.0
Minam	39.0			39.0
Total	106.6	52.0	93.5	252.1

17.4 miles of the Grande Ronde are managed jointly with the Umatilla N.F.



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 1.5 %
Wildlife Visitor Days Use	+ 1.5 %
Habitat Capability for Elk	- 0.5 %
Habitat Capability for Anadromous Fish Smolt	+ 2.5 %



Wilderness and Roadless Areas

WILDERNESS - Four Wildernesses are located wholly or partially on the Wallowa-Whitman National Forest:

* Portions of these Wildernesses are on the adjacent National Forests.

Acres

Monument Rock	7,300 *
North Fork John Day	15,500 *
Eagle Cap	346,000
Hells Canyon	214,000

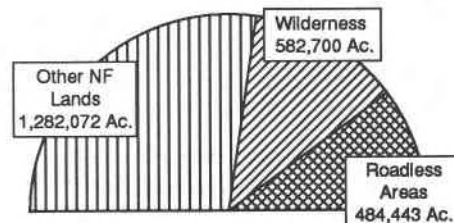
ROADLESS AREAS -

Inventory as of June 1990 - 484,400 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 410,000 Acres

After 20 Years - 390,000 Acres



Wallowa-Whitman National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	294,700
Planned for 50-90% Yields	490,300
Planned for Less Than 50% Yields	35,500



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 141 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 64.1 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Uneven-aged applications will predominate.

Reforestation is planned for about 14,500 acres each year.

Tree stand improvement work is planned for 7,400 acres each year.



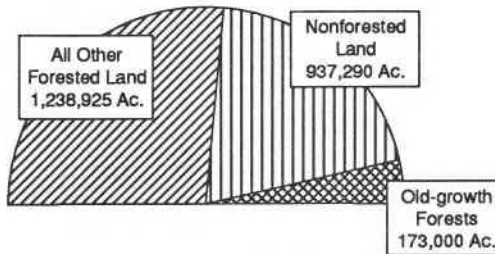
Old-growth Forests

An estimated 173,000 acres of old-growth forests are located on the Wallowa-Whitman National Forest. 161,000 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 164,000 Acres

After 20 Years - 162,000 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	399,000	464,000
Dispersed Recreation		
Roaded	373,000	433,000
Unroaded	423,000	491,000
Wilderness	78,000	91,000



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	889	900
Roads Suitable for High Clearance Vehicles	5,247	4,630
Roads Closed to Vehicle Use	3,206	4,475
Total Roads	9,342	10,005



Grazing

Projected Average Annual Permitted Grazing Use

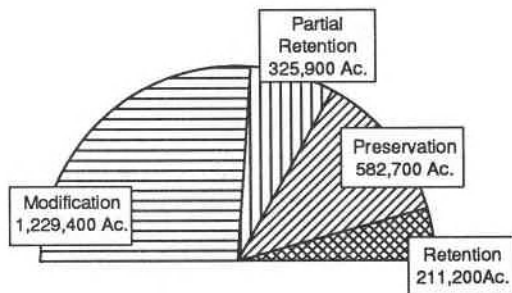
Animal Use Months (AUMs)

Plan Decade 1 - 186,000 AUMs
Plan Decade 2 - 160,000 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

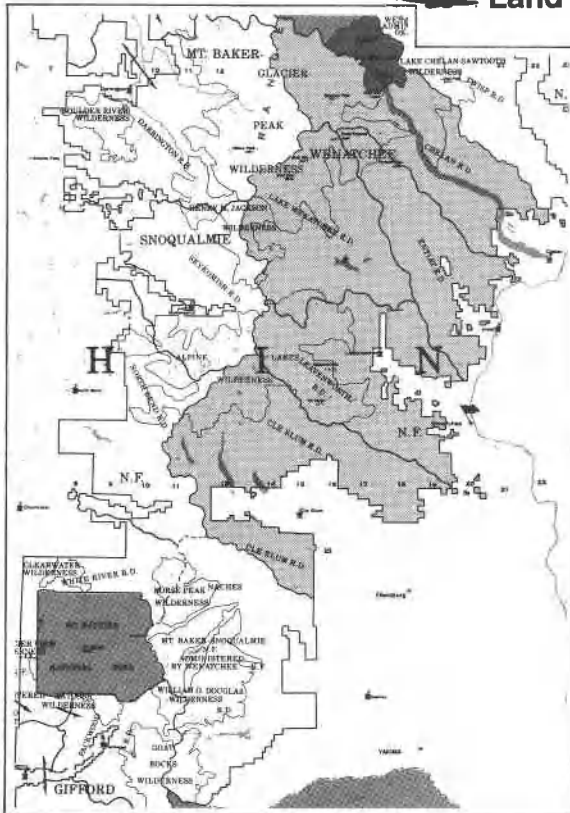


Wenatchee National Forest

The Forest Plan was implemented April 9, 1990.



Land Use



	Total <u>Acres</u>	Acres Available for <u>Timber Management</u>
Wildernes	841,034	0
Research Natural Area, Wild and Scenic Rivers, Experimental Forest	7,187	0
Special Areas, Mather Memorial Parkway	87,027	0
Key Big Game Areas, Old-Growth Management	98,899	0
Dispersed Recreation	212,447	0
Developed Recreation	6,021	0
Water	7,780	0
Deer and Elk Habitat, Mature Habitat	167,757	88,383
Wild & Scenic Rivers	16,917	12,784
Riparian-Aquatic Habitat	47,361	33,963
Dispersed Recreation	6,614	2,841
Scenic Travel	258,515	233,499
Range Management	17,702	7,823
General Forest	389,089	251,201
Total	2,164,350	630,494 (1)

(1) 54,420 acres were not selected for timber production.



Wild & Scenic Rivers Program

The Forest Plan recommends that nine rivers totaling 230 miles be designated as Wild and Scenic Rivers.



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 2.9 %
Wildlife Visitor Days Use	+ 1.0 %
Habitat Capability for Deer	- 0.1 %
Habitat Capability for Elk	- 0.1 %
Habitat Capability for Anadromous Fish Smolt	+ 0.1 %



Wilderness and Roadless Areas

WILDERNESS - Seven Wildernesses are located partially on the Wenatchee National Forest:

- * Portions of these Wildernesses are on the adjacent National Forests.

Acres

Glacier Peak	289,001 *
Henry M. Jackson	27,221 *
Alpine Lakes	244,057 *
Norse Peak	36,295 *
Lake Chelan-Sawtooth	56,414 *
William O. Douglas	151,730 *
Goat Rocks	36,316 *

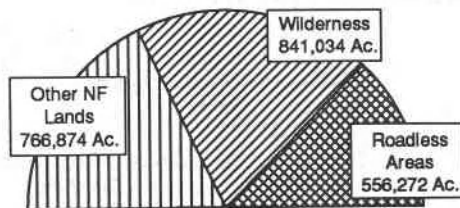
ROADLESS AREAS -

Inventory as of April 1990 - 556,300 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 387,800 Acres

After 20 Years - 298,100 Acres



Wenatchee National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	303,900
Planned for 50-90% Yields	272,200



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 136 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 10 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged applications will predominate.

Reforestation is planned for about 4,300 acres each year.

Tree stand improvement work is planned for 4,200 acres each year.



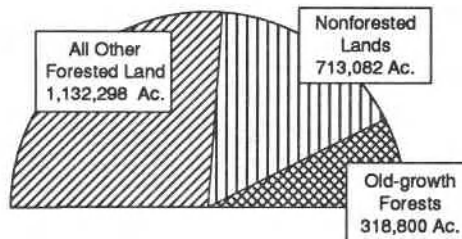
Old-growth Forests

An estimated 318,800 acres of old-growth forests are located on the Wenatchee National Forest. 233,000 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 307,300 Acres

After 20 Years - 295,700 Acres





Recreation Use

	Projected Average Annual Visitor Days Use <u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	3,104,900	3,449,300
Dispersed Recreation		
Roaded	1,977,800	2,125,900
Unroaded Motorized	278,600	300,600
Unroaded Nonmotorized	98,600	105,700
Wilderness	423,500	444,700



Road Management

	Average Number of Miles of Roads <u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	1019	1031
Roads Suitable for High Clearance Vehicles	3197	3202
Roads Closed to Vehicle Use	915	1703
Total Roads	5131	5936



Grazing

Projected Average Annual Permitted Grazing Use

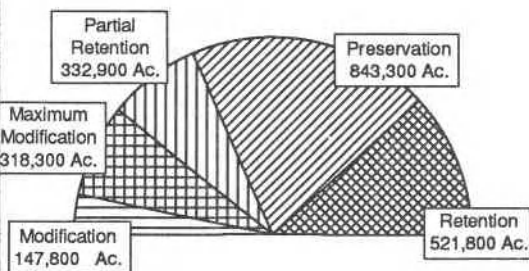
Animal Use Months (AUMs)

Plan Decade 1 - 23,000 AUMs
Plan Decade 2 - 24,000 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

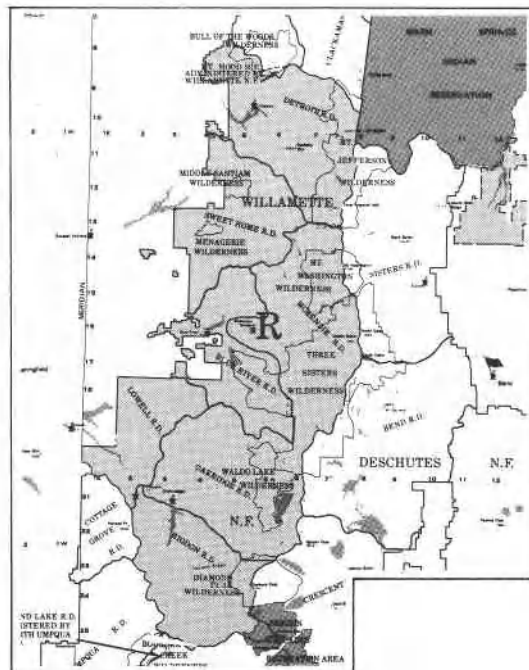


Willamette National Forest

The Forest Plan was implemented September 10, 1990.



Land Use



	Total Acres	Acres Available for Timber Management
Wilderness	380,805	0
Oregon Cascade Recreation Area	6,058	0
Research Natural Areas, Experimental Forest	22,503	0
Special Interest Areas, Old-Growth Groves	37,775	0
Dispersed Recreation	82,376	0
Riparian, Special Habitats, T&E Species	176,505	0
Developed Recreation Sites, Special & Administration Use	9,599	0
Dispersed Recreation	20,904	9,876
Wild & Scenic Rivers	14,440	11,459
Scenic	277,439	239,834
General Forest	646,981	563,901
Total	1,675,408	825,066 (1)

(1) Includes roads, big game cover, and riparian: Net suitable acres are 774,608.



Wild & Scenic Rivers Program

River Name	Classification Miles			Total Miles
	Wild	Scenic	Recreation	
North Fork of the Middle Fork of the Willamette	8.8	6.5	27.0	42.3
McKenzie			12.7	12.7
Total	8.8	6.5	39.7	55.0



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 2.0 %
Wildlife Visitor Days Use	+ 2.0 %
Habitat Capability for Deer	+ 2.0 %
Habitat Capability for Elk	+ 2.1 %
Habitat Capability for Anadromous Fish Smolt With Existing Habitat	+ 2.7 %



Wilderness and Roadless Areas

WILDERNESS - Eight Wildernesses are located wholly or partially on the Willamette National Forest:

- * Portions of these Wildernesses are on the adjacent National Forests.

	<u>Acres</u>
Mt. Jefferson	72,565 *
Mt. Washington	40,996 *
Three Sisters	189,346 *
Diamond Peak	19,773 *
Bull of the Woods	7,466 *
Middle Santiam	8,553
Menagerie	4,949
Waldo Lake	37,157

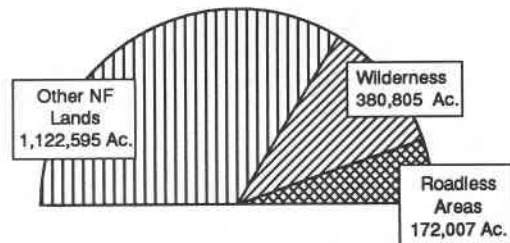
ROADLESS AREAS -

Inventory as of September 1990 - 172,000 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 144,800 Acres

After 20 Years - 122,700 Acres



Willamette National Forest (cont.)



Acres Available for Timber Management

	Acres
Planned for Full Timber Yields	689,200
Planned for 50-90% Yields	85,400



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 491 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 113 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged applications will predominate.

Reforestation is planned for about 9,100 acres each year.

Tree stand improvement work is planned for 18,100 acres each year.



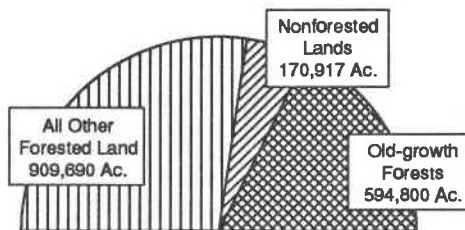
Old-growth Forests

An estimated 594,800 acres of old-growth forests are located on the Willamette National Forest. 294,900 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 533,400 Acres

After 20 Years - 479,100 Acres





Recreation Use

	Projected Average Annual Visitor Days Use	
	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	2,056,000	2,953,000
Dispersed Recreation		
Roaded Natural	1,278,000	1,880,000
Roaded Modified	376,000	553,000
Semiprimitive Motorized	64,000	76,000
Semiprimitive Nonmotorized	52,000	52,000
Wilderness	342,000	342,000



Road Management

	Average Number of Miles of Roads	
	<u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	1830	1580
Roads Suitable for High Clearance Vehicles	3811	4530
Roads Closed to Vehicle Use	599	890
Total Roads	6240	7000

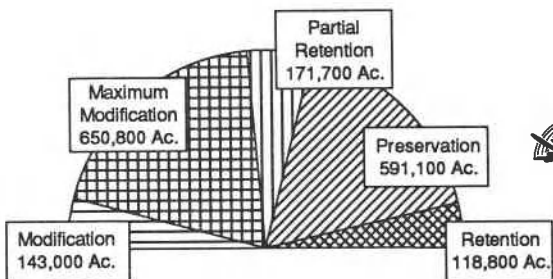


Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 200 AUMs
Plan Decade 2 - 200 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

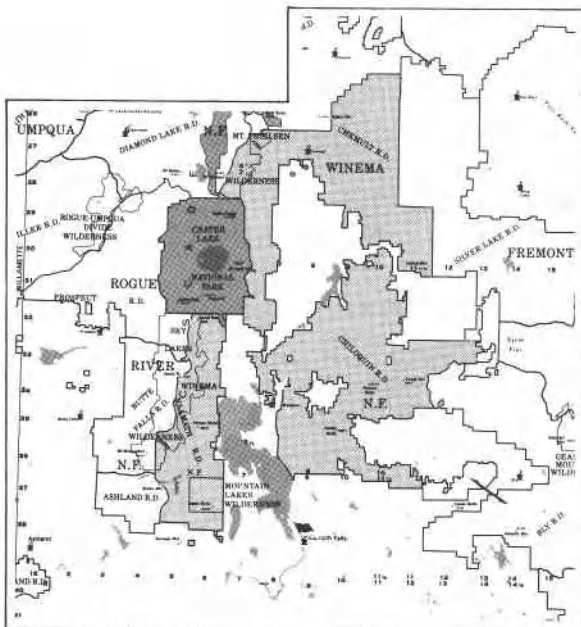
Winema National Forest

The Forest Plan was implemented November 4, 1990.



Land Use

	Total Acres	Acres Available for Timber Management
Wilderness	91,385	0
Research Natural Areas	3,045	0
Wild & Scenic Rivers	4,840	0
Botanical, Cultural Resource, Geological and Scenic Areas	17,482	0
Semiprimitive Recreation	22,590	0
Bald Eagle Sites, Old-Growth Habitat	67,074	0
Developed Recreation	4,990	0
Minimum Management	43,573	0
Dispersed Recreation	37,526	35,034
Wildlife Emphasis	49,196	36,989
Riparian Management	57,937	43,842
Scenic Management	121,995	98,596
Timber Production	520,036	506,281
Total	1,041,669	720,742



Wild & Scenic Rivers Program

24 miles of the Sycan River are managed jointly with the Fremont N.F.



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 1.1 %
Wildlife Visitor Days Use	+ 1.3 %
Habitat Capability for Deer	+ 1.3 %



Wilderness and Roadless Areas

WILDERNESS - Three Wildernesses are located wholly or partially on the Winema National Forest:

Acres

Mt. Thielsen	27,709 *
Sky Lakes	40,605 *
Mountain Lakes	23,071

- * Portions of these Wildernesses are on the adjacent National Forests.

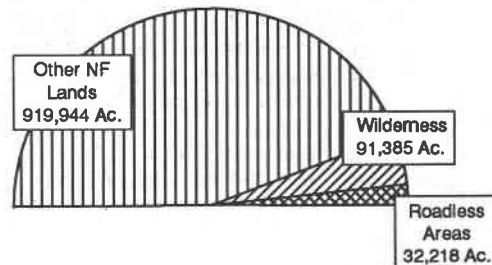
ROADLESS AREAS -

Inventory as of November 4, 1990 - 32,200 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 29,600 Acres

After 20 Years - 29,400 Acres



Winema National Forest (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	506,300
Planned for 50-90% Yields	207,300
Planned for Less Than 50% Yields	7,200



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 117 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 49.8 Million Board Feet Per Year.

Harvest planning will consider all methods and resources; uneven-aged applications will predominate in ponderosa pine and pine associated working groups. Even-aged applications will predominate in lodgepole pine and mixed conifer working groups.

Reforestation is planned for about 6,400 acres each year.

Tree stand improvement work is planned for 14,400 acres each year.



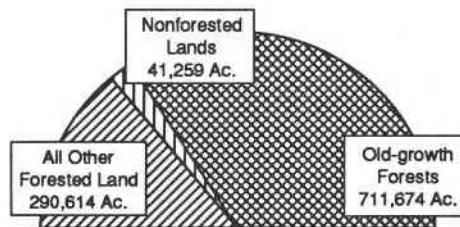
Old-growth Forests

An estimated 711,700 acres of old-growth forests are located on the Winema National Forest. 222,900 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 576,700 Acres

After 20 Years - 436,400 Acres





Recreation Use

Projected Average Annual Visitor Days Use

Plan Decade 1

Plan Decade 2

Developed Sites	204,000	284,000
Dispersed recreation		
Roaded	214,000	271,000
Unroaded	2,600	3,100
Wilderness	31,000	37,400



Road Management

Average Number of Miles of Roads

June 1990

During the Next 10 Years

Roads Suitable for Highway Type Vehicles	1223	510
Roads Suitable for High Clearance Vehicles	3071	2120
Roads Closed to Vehicle Use	1612	2887
Total Roads	5906	5517



Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

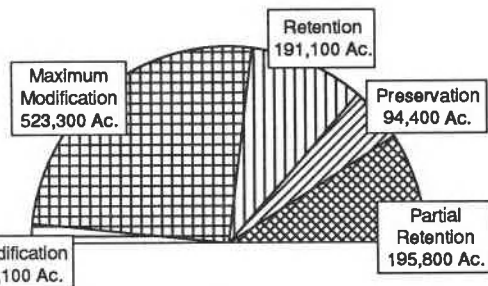
Plan Decade 1 - 13,000 AUMs

Plan Decade 2 - 13,000 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.



Summary for the State of Oregon



Land Use

	<u>Total Acres</u>	<u>Acres Available for Timber Management</u>
Wilderness	2,285,407	0
Classified National Scenic Areas, National Recreation Areas	443,108	0
Wild & Scenic Rivers	51,924	0
Research Natural Areas	46,204	0
Experimental Forests	59,340	0
Botanical Areas, Special Interest Areas	237,165	0
Old Growth, Old-Growth Habitat	173,809	0
Dispersed Recreation, Motorized & Nonmotorized	462,765	0
Watersheds & Riparian Areas	197,570	0
Wildlife Emphasis, Spotted Owl Habitat	668,805	0
Winter Recreation	47,400	0
Developed Recreation, Administrative & Utility Sites & Corridors, Water	153,725	0
Range Land, Maintenance Management	488,141	0
Wildlife & Fish Emphasis	2,192,460	Partial
Wild & Scenic Rivers	88,612	Partial
Municipal Watershed & Riparian Areas	555,826	Partial
Dispersed Recreation, Concentrated Developed Recreation, Trails	304,301	Partial
Scenic Areas & Viewsheds	1,323,652	Partial
Timber Emphasis	6,302,887	Partial
Total	16,083,101	8,014,285



Wild and Scenic Rivers Program

<u>Forest</u>	<u>Number of Rivers</u>	<u>Classification Miles</u>			<u>Total Miles</u>
		<u>Wild</u>	<u>Scenic</u>	<u>Recreation</u>	
Deschutes	6	27.0	36.9	91.9	155.8
Fremont	2		41.4	8.6	50.0
Fremont & Winema	1		24.0		24.0
Malheur	2	6.9	27.7		34.6
Mt. Hood	5	33.0	26.5	61.2	120.7
Ochoco	1		8.0	6.7	14.7
Rogue River	1	6.1	34.2		40.3
Siskiyou	5	77.4	37.9	48.8	164.1
Umatilla	3	43.0	13.2	10.0	66.2
Umatilla & Wallowa-Whitman	1	17.4			17.4
Umpqua	1			25.4	25.4
Wallowa-Whitman	8	106.6	52.0	93.5	252.1
Willamette	2	8.8	6.5	39.7	55.0
Total	38 (1)	326.2	308.3	385.8	1,020.3

The Grassland Plan recommends that one additional river (Squaw Creek) totaling 7.5 miles be designated as a Wild & Scenic River.

(1) Includes 3 rivers counted under two different National Forests

Summary for the State of Oregon (cont.)



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 2.2 %
Wildlife Visitor Days Use	+ 1.1 %
Habitat Capability for Deer	+ 0.1 %
Habitat Capability for Elk	- 0.1 %
Habitat Capability for	
Anadromous Fish Smolt	+ 2.0 %



Wilderness and Roadless Areas

WILDERNESS - 36 Wildernesses are located wholly or partially in the State of Oregon.

Forest

Acres of Wilderness

Deschutes	182,740
Fremont	22,823
Malheur	81,320
Mt. Hood	186,213
Ochoco	36,200
Rogue River	92,890
Siskiyou	232,495
Siuslaw	22,457
Umatilla	304,400
Umpqua	70,827
Wallowa-Whitman	582,800
Willamette	380,805
Winema	91,385

Subtotal Oregon State	2,287,355
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Total for Region 6	4,775,805
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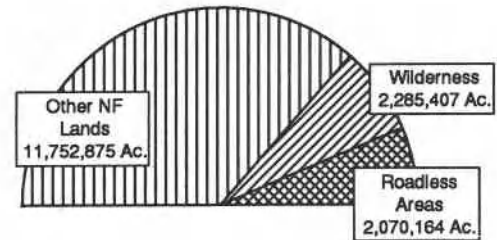
ROADLESS AREAS -

Inventory as of the completion of the forest plans - 2,070,200 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 1,455,500 Acres

After 20 Years - 1,368,300 Acres



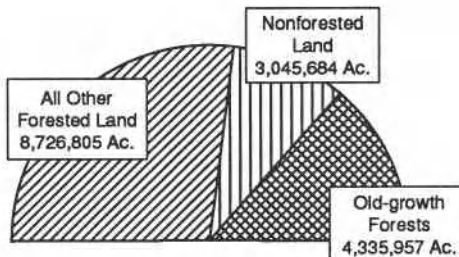
Old-growth Forests

An estimated 4,336,000 acres of old-growth forests are located on the National Forests in the State of Oregon. 2,006,600 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 3,743,400 Acres

After 20 Years - 3,048,700 Acres



Summary for the State of Oregon (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	5,088,600
Planned for 50-90% Yields	2,636,200
Planned for Less Than 50% Yields	289,800



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 2564.8 Million Board Feet Per Year.
The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 459 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.
Even-aged and uneven-aged applications will be used about equally.

Reforestation is planned for about 95,300 acres each year.

Tree stand improvement work is planned for 105,900 acres each year.



Past Trends on National Forest Lands in the State of Oregon.

<u>Plan</u>	<u>Million Acres Available for Timber Production</u>	<u>Percent of Total National Forest Acres</u>	<u>Estimated Average Annual Yield in Billion Board Feet</u>
1978 Timber Management Plans	12.38	79%	3.87
1985 Timber Management Plans	10.68	68%	3.74
Current Forest Plans	8.03	50%	2.56



Recreation Use

	Projected Average Annual <u>Plan Decade 1</u>	Visitor Days Use <u>Plan Decade 2</u>
Developed Sites	8,117,900	10,123,400
Dispersed Recreation		
Roaded	9,851,600	12,172,200
Unroaded	1,625,400	1,765,900
Wilderness	888,700	946,500



Road Management

	Average Number of Miles of Roads <u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	13,645	13,622
Roads Suitable for High Clearance Vehicles	46,068	38,324
Roads Closed to Vehicle Use	14,324	21,696
Total Roads	74,037	73,642

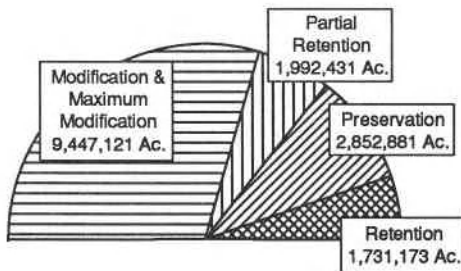


Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 597,000 AUMs
Plan Decade 2 - 593,600 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

Summary for the State of Washington



Land Use

	Total Acres	Acres Available for Timber Management
Wilderness	2,488,463	0
Mount St. Helens National Volcanic Monument	110,330	0
Research Natural Areas	25,370	0
Experimental Forest, Mountain Hemlock Zone on the Mt. Baker-Snoqualmie NF	46,975	0
Botanical Areas, Special Interest Areas	138,048	0
Old-Growth Habitat	184,054	0
Dispersed Recreation, Motorized & Nonmotorized	811,120	0
North Cascades Scenic Highway	72,500	0
Wildlife Emphasis, Spotted Owl Habitat	305,594	0
Winter Sports Resorts	8,045	0
Developed Recreation, Administrative & Utility Sites & Corridors, Water	33,331	0
Wildlife & Fish Emphasis	862,536	Partial
Wild & Scenic Rivers, Existing & Recommended	109,309	Partial
Municipal Watershed & Riparian Areas	156,057	Partial
Dispersed Recreation	268,202	Partial
Scenic Areas & Viewsheds	845,319	Partial
Alpine Lakes Management Area	95,305	Partial
Timber & Range Emphasis	2,133,132	Partial
Total Acres	8,693,690	3,108,611



Wild and Scenic Rivers Program

<u>Forest</u>	<u>Number of Rivers</u>	<u>Classification Miles</u>			<u>Total Miles</u>
		<u>Wild</u>	<u>Scenic</u>	<u>Recreation</u>	
Columbia River Gorge National Scenic Area	2		8.0	11.0	19.0
Mt. Baker-Snoqualmie	1		100.0	58.5	158.5
Total	3		108.0	69.5	177.5

Plans include recommendations that 52 additional rivers totaling 916.1 miles be designated as Wild & Scenic Rivers. An additional 33.7 miles are on the National Park.

Summary for the State of Washington (cont.)



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 1.1 %
Wildlife Visitor Days Use	+ 0.8 %
Habitat Capability for Deer	- 0.2 %
Habitat Capability for Elk	- 0.1 %
Habitat Capability for Anadromous Fish Smolt	+ 0.9 %



Wilderness and Roadless Areas

WILDERNESS - 23 Wildernesses are located wholly or partially in the State of Washington.

<u>Forest</u>	<u>Acres of Wilderness</u>
Colville	30,613
Gifford Pinchot	180,620
Mt. Baker-Snoqualmie	721,718
Okanogan	626,200
Olympic	88,265
Wenatchee	841,034
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Subtotal Washington State	2,488,450
Total for Region 6	4,775,805

Note: The Wenaha-Tucannon Wilderness (177,469 acres) on the Umatilla National Forest is located partially in the State of Washington.

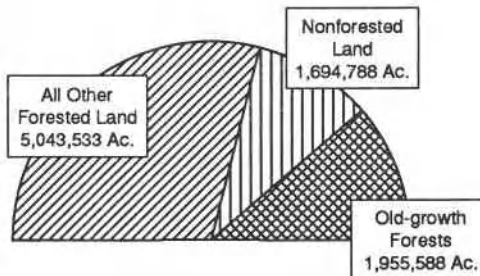
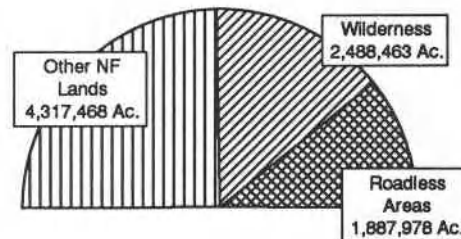
ROADLESS AREAS -

Inventory as of the completion of the Forest Plans - 1,888,000 Acres,

Estimates of Acres of Roadless Areas Existing

After 10 Years - 1,508,100 Acres

After 20 Years - 1,342,100 Acres



Old-growth Forests

An estimated 1,955,600 acres of old-growth forests are located on the National Forests in the State of Oregon. 1,323,100 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 1,853,000 Acres

After 20 Years - 1,742,400 Acres

Summary for the State of Washington (cont.)



Acres Available for Timber Management

	Acres
Planned for Full Timber Yields	1,670,700
Planned for 50-90% Yields	1,301,500
Planned for Less Than 50% Yields	136,000



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 875.6 Million Board Feet Per Year.

The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 152.8 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.

Even-aged applications will predominate.

Reforestation is planned for about 29,100 acres each year.

Tree stand improvement work is planned for 28,000 acres each year.



Past Trends on National Forest Lands in the State of Washington.

Plan	Million Acres Available for <u>Timber Production</u>	Percent of Total National <u>Forest Acres</u>	Estimated Average Annual Yield in <u>Billion Board Feet</u>
1978 Timber Management Plans	4.63	54%	1.43
1985 Timber Management Plans	4.44	51%	1.33
Current Forest Plans	3.11	36%	.88



Recreation Use

Projected Average Annual Visitor Days Use

	<u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	8,340,000	10,202,900
Dispersed Recreation		
Roaded	7,254,600	8,972,500
Unroaded	1,054,600	1,114,900
Wilderness	1,223,200	1,433,700



Road Management

Average Number of Miles of Roads
June 1990 During the Next 10 Years

Roads Suitable for Highway Type Vehicles	6,850	6,225
Roads Suitable for High Clearance Vehicles	11,459	11,166
Roads Closed to Vehicle Use	3,149	5,939
Total Roads	21,458	23,330

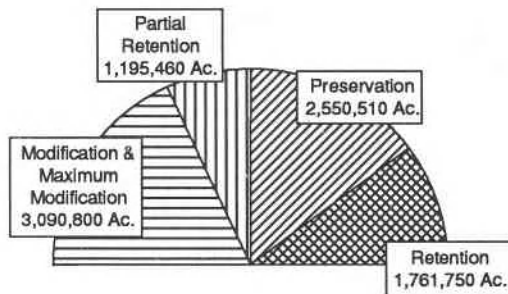


Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 116,500 AUMs
Plan Decade 2 - 121,200 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

Summary for the Pacific Northwest Region



Land Use

	<u>Total Acres</u>	<u>Acres Available for Timber Management</u>
Wilderness	4,773,870	0
Classified National Scenic Areas, National Recreation Areas, National Volcanic Area	553,438	0
Wild & Scenic Rivers	51,924	0
Research Natural Areas	71,574	0
Experimental Forests, Mountain Hemlock Zone	106,315	0
Botanical Areas, Special Interest Areas	375,213	0
Old Growth, Old Growth Habitat	357,863	0
Dispersed Recreation, Motorized & Nonmotorized	1,273,885	0
Scenic Highway	72,500	0
Watersheds & Riparian Areas	197,570	0
Wildlife Emphasis, including Spotted Owl	974,399	0
Winter Recreation	55,445	0
Developed Recreation, Administrative & Utility Sites & Corridors, Water	187,056	0
Range Land, Maintenance Management	488,141	0
Wildlife & Fish Emphasis	3,054,996	Partial
Wild & Scenic Rivers	197,921	Partial
Municipal Watershed & Riparian Areas	711,883	Partial
Dispersed Recreation, Concentrated Developed Recreation, Trails	572,503	Partial
Scenic Areas & Viewsheds	2,168,971	Partial
Alpine Lakes Management Area	95,305	Partial
Timber & Range Emphasis	8,436,019	Partial
Total	24,776,791	11,122,896



Wild and Scenic Rivers Program

Designated Rivers Managed by the Forest Service

<u>State</u>	<u>Number of Rivers</u>	<u>Classification Miles</u>			<u>Total Miles</u>
		<u>Wild</u>	<u>Scenic</u>	<u>Recreation</u>	
Oregon	35	326.2	308.3	385.8	1,020.3
Washington	3		108.0	69.5	177.5
<hr/>					
Total	38	326.2	416.3	455.3	1,197.8

Recommended Rivers

Plans include recommendations that 53 additional rivers totaling 923.6 miles be designated as Wild & Scenic Rivers (an additional 33.7 miles are on National Parks).

Summary for the Pacific Northwest Region (cont.)



Wildlife and Fish Trends

Projected Annual Percentage Change

Fishing Visitor Days Use	+ 1.5 %
Wildlife Visitor Days Use	+ 1.0 %
Habitat Capability for Deer	No Change
Habitat Capability for Elk	- 0.1 %
Habitat Capability for Anadromous Fish Smolt	+ 1.3 %



Wilderness and Roadless Areas

WILDERNESS - 59 Wildernesses are located wholly or partially in the Pacific Northwest Region.

<u>State</u>	<u>Acres of Wilderness</u>
Washington	2,488,450
Oregon	2,287,355
<hr/>	
Total	4,775,805

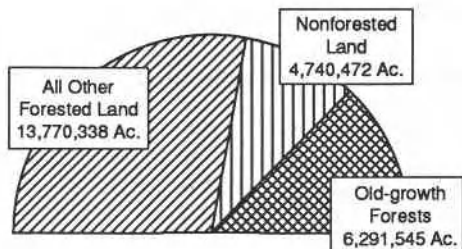
ROADLESS AREAS -

Inventory as of the completion of the forest plans - 3,958,100 Acres

Estimates of Acres of Roadless Areas Existing

After 10 Years - 2,963,500 Acres

After 20 Years - 2,710,400 Acres



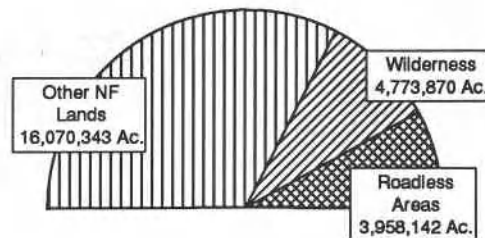
Old-growth Forests

An estimated 6,291,500 acres of old-growth forests are located on the National Forests in the Pacific Northwest Region. 3,329,700 acres of this old growth are located in Wilderness or other land use areas that are not available for timber harvest.

Estimates of the Old-growth Acres Existing

After 10 Years - 5,596,400 Acres

After 20 Years - 4,791,200 Acres



Summary for the Pacific Northwest Region (cont.)



Acres Available for Timber Management

	<u>Acres</u>
Planned for Full Timber Yields	6,759,300
Planned for 50-90% Yields	3,937,700
Planned for Less Than 50% Yields	425,900



Planned Annual Timber Harvest Levels for the Next 10 Years

Allowable Sale Quantity (ASQ) - 3,440 Million Board Feet Per Year.

The ASQ consists of green or sound saw log material.

Additional Wood Not Counted as ASQ - 612 Million Board Feet Per Year.

Harvest planning will consider all methods and resources.

Even-aged and uneven-aged applications will be used about equally.

Reforestation is planned for about 124,400 acres each year.

Tree stand improvement work is planned for 133,900 acres each year.



Past Trends on National Forest Lands in the Pacific Northwest Region.

<u>Plan</u>	<u>Million Acres Available for Timber Production</u>	<u>Percent of Total National Forest Acres</u>	<u>Estimated Average Annual Yield in Billion Board Feet</u>
1978 Timber Management Plans	17.0	70%	5.3
1985 Timber Management Plans	15.1	62%	5.1
Current Forest Plans	11.1	45%	3.4



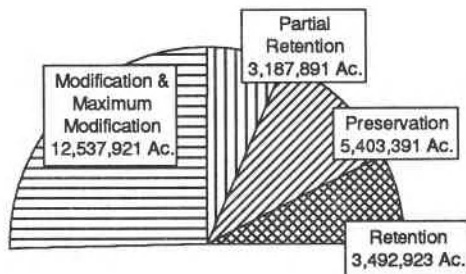
Recreation Use

	Projected Average Annual Visitor Days Use <u>Plan Decade 1</u>	<u>Plan Decade 2</u>
Developed Sites	16,457,900	20,326,300
Dispersed Recreation		
Roaded	17,106,200	21,144,700
Unroaded	2,680,000	2,880,800
Wilderness	2,111,900	2,380,200



Road Management

	Average Number of Miles of Roads <u>June 1990</u>	<u>During the Next 10 Years</u>
Roads Suitable for Highway Type Vehicles	20,495	19,847
Roads Suitable for High Clearance Vehicles	57,527	49,490
Roads Closed to Vehicle Use	17,473	27,635
Total Roads	95,495	96,972



Grazing

Projected Average Annual Permitted Grazing Use

Animal Use Months (AUMs)

Plan Decade 1 - 713,500 AUMs
Plan Decade 2 - 714,800 AUMs



Visual Management

Activities and uses on the Forest will be managed to meet the Visual Quality Objectives established in the Forest Plan.

Glossary

Allowable Sale Quantity (ASQ). The quantity of timber that may be sold from the area of suitable land covered by the Forest Plan for the 10-year plan period; this is usually expressed on an "average annual allowable sale quantity" basis. The allowable sale quantity includes only the volume included in growth and yield projections in the Plan; generally this consists of green or sound saw log material.

Animal Unit Month (AUM). The amount of forage required by a 1,000 pound cow, or the equivalent, for one month.

Even-aged Applications. Timber harvest that is designed to produce even-aged regenerated stands; included are clearcut, shelterwood and seed tree harvest systems.

Habitat Capability. The estimated ability of an area, given existing or predicted habitat conditions, to support a wildlife, fish or plant population. It is measured in terms of potential population numbers.

Uneven-aged Applications. As used in this document, timber harvest that is designed to maintain the existing timber stand structure; included are selection, commercial thinning and sanitation-salvage harvest systems.

Glossary

Visitor Day. A Visitor Day represents 12 hours of use by one person.

Visual Management. The five Visual Quality Objectives are described as follows:

Preservation	Only ecological changes permitted
Retention	Management activities are not visually evident
Partial Retention	Management activities remain visually subordinate
Modification	Management activities in foreground and middle ground are dominant, but appear natural
Maximum Modification	Management activities are dominant, but appear natural when seen as back ground