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TIMBER VOLUME AND TYPE ACREAGE ON THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION

FROM THE INVENTORY PHASE OF THE FOREST SURVEY

BY

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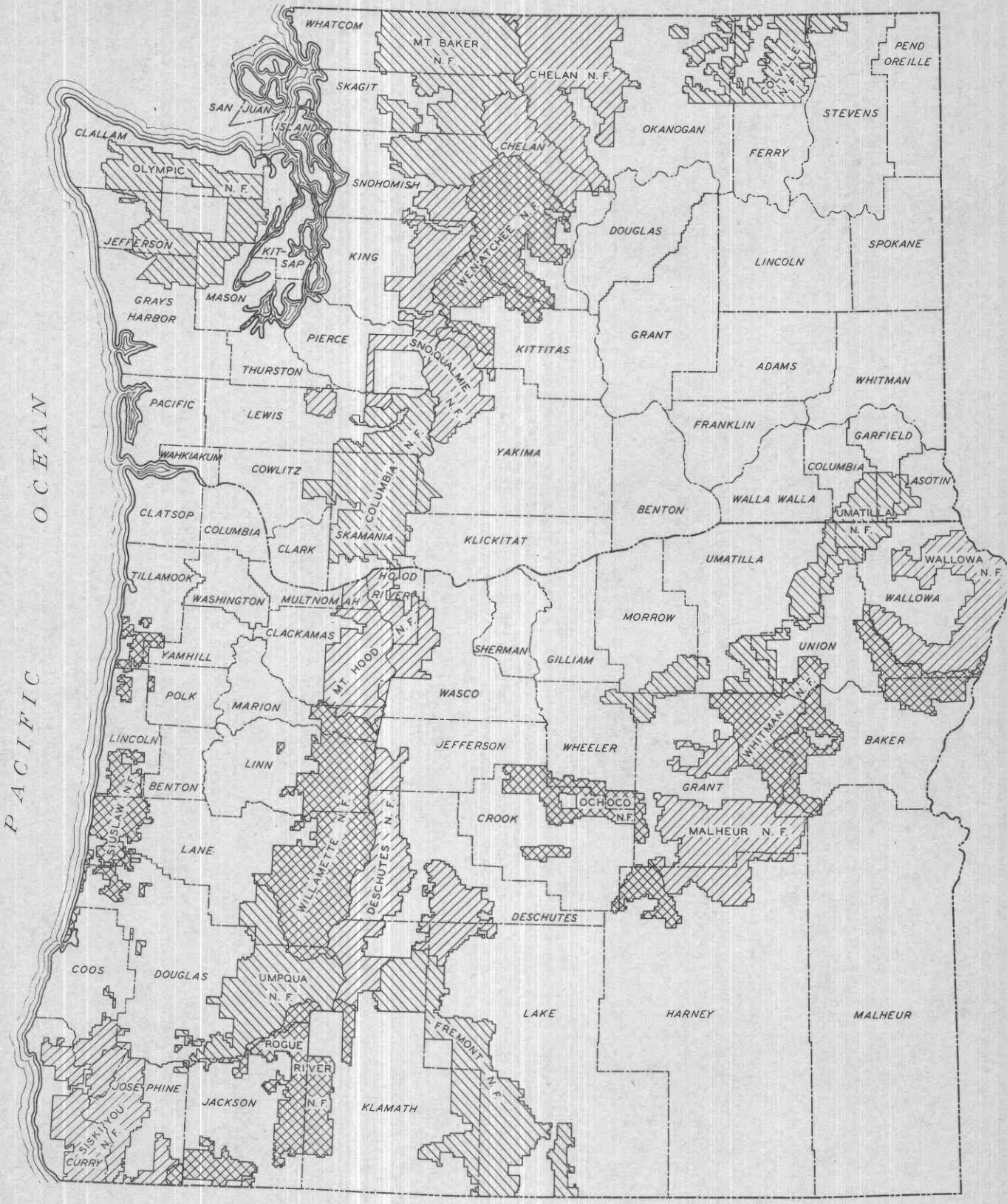

FIGURE I. MAP OF OREGON AND WASHINGTON SHOWING NATIONAL FORESTS AND COUNTIES

PACIFIC NORTHWEST FOREST EXPERIMENT STATION
1937

FOREST SURVEY

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TIMBER VOLUME AND TYPE ACREAGE ON THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION

Completion of the forest survey of Oregon and Washington[1] has recently made it possible to compile reliable statistics as to the forest-land areas and timber volumes of the national forests in the North Pacific Region. This region, the sixth of 10 regions into which the United States is divided for purposes of national-forest administration, includes all the national-forest land in Oregon and Washington except an area in extreme northeastern Washington that is a part of the Kaniksu National Forest of Region 1, the Northern Region, and a very small area in southern Oregon that is a part of the Klamath National Forest of Region 5, the California Region. It includes also a small area of national-forest land in northwestern California; but that area and its timber are not included in the totals given here.

The Nation-wide forest-survey project was initiated in the portion of the North Pacific Region lying west of the summit of the Cascade Range, which is known as the Douglas fir region, in 1930. Field and office work on the survey of this portion of the region was

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1/ In addition to the inventory that resulted in the data presented here, the survey included a study of forest growth; a study of forest depletion through cutting and through loss by fire, insect attack, wind throw, and disease; a study of present and prospective wood requirements; and an economic analysis of the data thus obtained. Reports on the survey previously issued by the Pacific Northwest Forest Experiment Station include forest statistics for each of the forested counties in Oregon and Washington; Forest Research Notes Nos. 13, Forest Resources of the Douglas Fir Region, 17, Pulpwood Resources of Western Oregon and Western Washington, and 20, Forest Growth in the Douglas Fir Region; and Comparisons of National Forest Timber Estimates in the Douglas Fir Region.

completed in 1933, not only for national-forest lands but for all forest lands. Field work in eastern Oregon and eastern Washington was begun in 1934 and completed late in 1936. Changes in timber stands as a result of cutting and fire occurring since the survey was completed for the national forests of the Douglas fir region have not been great enough to alter the data materially; during the period 1934-37 relatively little cutting has taken place on these forests and no appreciable quantity of timber on them has been destroyed by fire.

In reading the tables presented here it should be noted not only that the data tabulated exclude the portions of the Siskiyou and Rogue River Forests lying in California but that the Umatilla Forest lies partly in Oregon and partly in Washington, and that the Snoqualmie, Columbia, Mount Hood, Willamette, and Rogue River Forests lie partly west and partly east of the summit of the Cascade Range.

The term "available for cutting", as used in this report, means free of any legal or formal prohibition on timber cutting; it does not necessarily imply that land so classified now supports timber suitable for cutting, or, in fact, that it supports any timber at all. The term "reserved from cutting" means that timber, if any, is unavailable for cutting because of statute, proclamation, or policy.

Area

The acreages of generalized types on the national forests in western Oregon, eastern Oregon, western Washington, and eastern Washington, respectively, are shown, by county, in tables 1, 2, 3, and 4.

Table 5 summarizes the type acreages by national forest. Type acreages shown are for net national-forest area only; they do not include alienated land within national-forest boundaries. Because of changes in net national-forest area due to acquisition or exchange since the survey was made, area figures for the national forests of the region as shown by the tables do not agree exactly with current area figures compiled by the Forest Service Division of Engineering.

The grouping of forest cover types into the generalized types shown in the tables is as follows:

Coniferous saw-timber types include all coniferous timber of merchantable size and quality. In western Oregon and western Washington, coniferous stands were classified as of merchantable size if most of the volume was in trees 16 to 20 inches and more in d.b.h.; in eastern Oregon and eastern Washington, they were so classified if most of the volume was in trees 12 inches and more in d.b.h.

Coniferous second-growth types include all coniferous timber below merchantable size.

Deforested areas include "nonrestocked cut-over areas", that is areas clear cut prior to 1920 that are not satisfactorily restocked;[2] "recent cut-over areas", that is, areas clear cut since January 1, 1920, regardless of status of regeneration; and "areas deforested by fire", which are not satisfactorily restocked.

Other forest land includes areas occupied by the hardwood, oak-

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2/ An area is not considered as restocked unless 10 percent or more of it is stocked with reproduction.

madrone, and juniper types, and subalpine and noncommercial areas.

Nonforest areas include agricultural land, barrens, natural grass areas, brush areas, desert, sand dunes, tideflats, and urban areas.

The net area of national-forest land in the region totals 22,604,951 acres, of which 60 percent is in Oregon and 40 percent in Washington. The Mount Baker Forest, with a total net area of 1,803,327 acres, is the region's largest national forest; the Chelan is next largest, and the Willamette third.

Of the total net national-forest area in the North Pacific Region, 54.6 percent is occupied by coniferous saw-timber types and 18.3 percent by second-growth types, 14.5 percent is "other forest land", 9.5 percent is nonforest land, and the remaining 3.1 percent is deforested. The Ochoco Forest has the largest proportion of total net area in coniferous saw-timber types, 78 percent. The Siskiyou has the largest proportion of deforested land, approximately 22 percent of its area having been deforested by fire.

Saw-Timber Volume

Saw-timber volumes in thousands of board feet, log scale, Scribner rule, classified by species group and by availability, on the national forests in western Oregon, eastern Oregon, western Washington, and eastern Washington, respectively, are shown, by county, in tables 6, 7, 8, and 9. Table 10 summarizes the volume data by national forest. The volume figures shown do not include the volume of timber on any alienated land within national-forest boundaries.

Saw-timber volume was recorded separately for 24 coniferous species and 13 broadleaf species. Tables 6 and 8 show national-forest timber volume in western Oregon and western Washington according to the following grouping:

Douglas fir -- Douglas fir trees 16 inches and more in d.b.h.

Pulp species -- western hemlock, mountain hemlock, Sitka spruce, Engelmann spruce, silver fir, noble fir, Shasta red fir, white and lowland white fir, and alpine fir trees 16 inches and more in d.b.h.

Other conifers -- western red cedar, Port Orford cedar, Alaska cedar, incense cedar, western white pine, whitebark pine, western larch, and redwood trees 16 inches and more in d.b.h., and ponderosa pine, sugar pine, Jeffrey pine, lodgepole pine, and knobcone pine trees 12 inches and more in d.b.h.

Hardwoods -- red alder, Oregon white oak, California black oak, canyon live oak, tan oak, northern black cottonwood, aspen, bigleaf maple, madrone, Oregon ash, California laurel, chinquapin, and western paper birch trees 12 inches and more in d.b.h.

Tables 7 and 9 show the volume of timber on the national forests of eastern Oregon and eastern Washington from a uniform breast-height-diameter limit of 12 inches. In these tables ponderosa pine figures include Jeffrey pine, and "all other species" figures include sugar pine, western white pine, lodgepole pine, knobcone pine, whitebark pine, western hemlock, mountain hemlock, western red cedar, Alaska cedar, incense cedar, silver fir, noble fir, Shasta red fir, white fir, lowland white fir, alpine fir, Engelmann spruce, northern

black cottonwood, bigleaf maple, and aspen.

Table 10 summarizes the saw-timber data for each national forest under the three headings "Douglas fir", "ponderosa pine" (which includes Jeffrey pine), and "all other species".

The national forests of the region contain an estimated total saw-timber volume of nearly 263 billion board feet, log scale, Scribner rule. Converted to lumber tally, this approximates 300 billion board feet, which is 54 percent of the estimated total volume[3/] of saw timber on all the national forests of the United States. The national forests of Oregon contain 60 percent of the total volume on the national forests of the region. The Willamette Forest ranks first in the region in volume, with a total of nearly 40 billion board feet; the Olympic is second, with approximately 34 billion board feet; and the Umpqua, Columbia, and Mount Hood rank next, with more than 22 billion board feet each.

Douglas fir composes 46 percent of the total volume, ponderosa pine 14 percent.

3/ United States Department of Agriculture, FOREST SERVICE. A NATIONAL PLAN FOR AMERICAN FORESTRY. 1933. 2 v., illus. (U.S. Cong. 73d, 1st sess., S. Doc. 12.)

FOREST STATISTICS FOR THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION
FROM INVENTORY PHASE OF FOREST SURVEY

TABLE I.--AREA, IN ACRES, OF GENERALIZED TYPES IN WESTERN OREGON
DATA AS OF JANUARY 1, 1933

NATIONAL FOREST AND COUNTY	CONIFEROUS TYPES				DEFORESTED		OTHER FOREST LAND		NONFOREST		ALL TYPES		
	SAW TIMBER		SECOND GROWTH										
	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	TOTAL
MOUNT HOOD:													
HOOD RIVER	65,356	28,492	45,329	23,340	6,822	1,579	8,726	11,994	2,235	10,166	128,468	75,571	204,039
MULTNOMAH	2,298	33,552	4,394	18,950		231		2,759	823	2,658	7,515	58,150	65,665
CLACKAMAS	289,582	40,440	124,705	44,690	21,520	2,442	3,998	3,552	2,897	6,413	442,702	97,537	540,239
MARION	49,271	56	13,226	25			4,629	2,033	113	324	67,239	2,438	69,677
TOTAL	406,507	102,540	187,654	87,005	28,342	4,252	17,353	20,338	6,068	19,561	645,924	233,696	879,620
WILLAMETTE:													
CLACKAMAS	658		256								914		914
MARION	84,307	3,395	38,935	3,538	3,652	256			2,860	2,439	129,754	9,628	139,382
LINN	277,664	9,076	114,901	4,161	7,668	1,766	16,762		10,210	4,617	427,205	19,620	446,825
LANE	673,583		231,273		22,576		32,115		30,829		990,376		990,376
DOUGLAS	46,011		2,438		1,020		649		510		50,628		50,628
TOTAL	1,082,223	12,471	387,803	7,699	34,916	2,022	49,526		44,409	7,056	1,598,877	29,248	1,628,125
UMPQUA:													
LANE	104,095		42,095		2,811		991		153		150,145		150,145
DOUGLAS	616,017		149,175		26,326		20,457		4,207		816,182		816,182
COOS	1,220		3,075		300		50		20		4,665		4,665
JACKSON	2,404		232		1,924		10		145		4,715		4,715
JOSEPHINE	3,705		400		1,235		10		40		5,390		5,390
TOTAL	727,441		194,977		32,596		21,518		4,565		981,097		981,097
ROGUE RIVER:													
JACKSON	272,084		49,185		48,502		1,730		6,522		378,023		378,023
DOUGLAS	50,364		2,022		2,079				1,109		55,574		55,574
JOSEPHINE	22,522		395		7,188				415		30,520		30,520
TOTAL	344,970		51,602		57,769		1,730		8,046		464,117		464,117
SIUSLAW:													
TILLAMOOK	19,236		14,914		4,423		23,396		703		62,672		62,672
YAMHILL	1,751		15,734		1,268		5,288		10		24,051		24,051
POLK	3,200		260								3,460		3,460
LINCOLN	89,193	210	7,779		4,204		24,055	246	495		125,726	456	126,182
LANE	141,551		32,616		5,104		21,547		6,611		207,429		207,429
DOUGLAS	28,265		18,838		2,147		6,057		3,551		58,858		58,858
COOS			2,526						6,093		8,619		8,619
BENTON	1,875		160		30		130		45		2,240		2,240
TOTAL	285,071	210	92,827		17,176		80,473	246	17,508		493,055	456	493,511
SISKIYOU:													
COOS	44,815		5,590		3,080		620		45		54,150		54,150
CURRY	274,183		38,113		144,472		135,656		2,300		594,724		594,724
DOUGLAS	3,886		15		897						4,798		4,798
JOSEPHINE	219,070	390	7,452		73,618		73,360	76	1,991		375,491	466	375,957
TOTAL	541,954	390	51,170		222,067		209,636	76	4,336		1,029,163	466	1,029,629
GRAND TOTAL	3,388,166	115,611	966,033	94,704	392,866	6,274	380,236	20,660	84,932	26,617	5,212,233	263,866	5,476,099

FOREST STATISTICS FOR THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION
FROM INVENTORY PHASE OF FOREST SURVEY

TABLE 2.—AREA, IN ACRES, OF GENERALIZED TYPES IN EASTERN OREGON
DATA AS OF JANUARY 1, 1937

NATIONAL FOREST AND COUNTY	CONIFEROUS TYPES				DEFORESTED		OTHER FOREST LAND		NONFOREST		ALL TYPES		
	SAW TIMBER		SECOND GROWTH										
	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	TOTAL
MOUNT HOOD:													
WASCO	161,580		33,465		5,435		4,040		2,490		207,010		207,010
JEFFERSON	870	320	945	220			1,580	115	60	775	3,455	1,430	4,885
TOTAL	162,450	320	34,410	220	5,435		5,620	115	2,550	775	210,465	1,430	211,895
WILLAMETTE:													
JEFFERSON		90		25				300				415	415
DESCHUTES:													
JEFFERSON	61,860	12,140	6,845	9,300	1,790	865	1,500	5,685	1,610	2,825	73,605	30,815	104,420
DESCHUTES	338,920	1,800	363,540	5,130	7,870		44,230	175	45,235	1,155	799,795	8,260	808,055
KLAMATH	153,920	3,870	116,835	4,805	735		18,885		5,230		295,605	8,675	304,280
LAKE	97,220		26,870		750		15		5,120		129,975		129,975
TOTAL	651,920	17,810	514,090	19,235	11,145	865	64,630	5,860	57,195	3,980	1,298,980	47,750	1,346,730
ROGUE RIVER:													
KLAMATH	202,870	41,235	33,365	7,815	7,905	770	16,490	20,040	5,280	2,735	265,910	72,595	338,505
FREMONT:													
KLAMATH	115,655		140,615	20	1,470		10,795		57,615	20	326,150	40	326,190
LAKE	469,675		108,330		10,245		29,690		171,610		789,550		789,550
TOTAL	585,330		248,945	20	11,715		40,485		229,225	20	1,115,700	40	1,115,740
UMATILLA:													
MORROW	92,765		13,700				770		17,995		125,230		125,230
UMATILLA	235,240		73,270	55	310		12,145		76,065	15	397,030	70	397,100
UNION	141,385		54,390	100	735		6,805		11,525		214,840	100	214,940
WALLOWA	62,865		20,155		710		37,055		7,555		128,340		128,340
WHEELER	30,585		765				870		4,810		37,030		37,030
GRANT	45,195		380		1,665		2,240		12,900		62,380		62,380
TOTAL	608,035		162,660	155	3,420		59,885		130,850	15	964,850	170	965,020
WALLOWA:													
UNION	1,590	510	355	545			1,100	2,390	90	615	3,135	4,060	7,195
WALLOWA	341,980	8,560	85,975	11,730	2,005	560	118,090	72,905	285,460	28,060	833,510	121,815	955,325
TOTAL	343,570	9,070	86,330	12,275	2,005	560	119,190	75,295	285,550	28,675	836,645	125,875	962,520
WHITMAN:													
UMATILLA	900								85		985		985
UNION	119,275	5,475	101,080	2,550	395		24,830	34,775	7,135	7,600	252,715	50,400	303,115
WALLOWA	15,965	1,210	1,985	5,230	20	370	4,870	3,045	7,995	1,515	30,835	11,370	42,205
GRANT	379,655		121,270		640		26,350		18,255		546,170		546,170
BAKER	258,220	270	79,065	550	2,185	25	86,000	9,795	62,890	8,025	488,360	18,665	507,025
MALHEUR	1,395						280		1,520		3,195		3,195
TOTAL	775,410	6,955	303,400	8,330	3,240	395	142,330	47,615	97,880	17,140	1,322,260	80,435	1,402,695
OCHOCO:													
CROOK	277,555		8,365		630		19,285		57,490		363,325		363,325
WHEELER	95,510	2,030	5,715	45	340		6,760	30	12,600	65	120,925	2,170	123,095
GRANT	37,000		285		330		3,865		17,050		58,530		58,530
HARNEY	158,730		1,060		535		5,130		17,460		182,915		182,915
TOTAL	568,795	2,030	15,425	45	1,835		35,040	30	104,600	65	725,695	2,170	727,865
MALHEUR:													
GRANT	575,620	70	43,570	30	1,985		47,575		87,270		756,020	100	756,120
BAKER	19,135		8,875				4,340		1,700		34,050		34,050
HARNEY	165,335		24,465		780		9,530		86,320		286,430		286,430
MALHEUR	160								385		545		545
TOTAL	760,250	70	76,910	30	2,765		61,445		175,675		1,077,045	100	1,077,145
GRAND TOTAL	4,658,630	77,580	1,475,535	48,150	49,465	2,590	545,115	149,255	1,088,805	53,405	7,817,550	330,980	8,148,530

FOREST STATISTICS FOR THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION
FROM INVENTORY PHASE OF FOREST SURVEY

TABLE 3.—AREA, IN ACRES, OF GENERALIZED TYPES IN WESTERN WASHINGTON
DATA AS OF JANUARY 1, 1933

NATIONAL FOREST AND COUNTY	CONIFEROUS TYPES				DEFORESTED		OTHER FOREST LAND		NONFOREST		ALL TYPES		
	SAW TIMBER		SECOND GROWTH										
	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	TOTAL
OLYMPIC:													
CLALLAM	224,642		89,351		15,257		63,139		16,864		409,253		409,253
JEFFERSON	258,428		20,152		22,949		65,379		27,202		394,110		394,110
GRAYS HARBOR	129,317	1,435	2,028		2,879		22,007		623		156,854	1,435	158,289
MASON	110,958		4,005		10,654		28,118		8,754		162,489		162,489
TOTAL	723,345	1,435	115,536		51,739		178,643		53,443		1,122,706	1,435	1,124,141
MOUNT BAKER:													
WHATCOM	133,119	83,202	34,336	11,697	19,513	40,175	128,435	232,656	39,318	141,679	354,721	509,409	864,130
SKAGIT	184,840	115	35,451	151	6,819		160,668	2,686	99,976	1,470	487,754	4,422	492,176
SNOHOMISH	202,368	15,238	25,822	2,857	6,496	781	80,432	19,065	70,564	23,398	385,682	61,339	447,021
TOTAL	520,327	98,555	95,609	14,705	32,828	40,956	369,535	254,407	209,858	166,547	1,228,157	575,170	1,803,327
SNOQUALMIE:													
SNOHOMISH	67,383		9,442		672		27,153		30,771		135,421		135,421
KING	104,569		25,166		9,408		47,952		29,733		216,828		216,828
PIERCE	85,751		13,697		4,482		20,445		467		124,842		124,842
THURSTON	300				25						325		325
LEWIS	31,122		28,502		596		2,385		151		62,756		62,756
TOTAL	289,125		76,807		15,183		97,935		61,122		540,172		540,172
COLUMBIA:													
LEWIS	201,631		111,696		7,663		39,332		7,075		367,397		367,397
COWLITZ	15,810		3,215				723		450		20,198		20,198
SKAMANIA	368,862	1,080	282,824	60	57,037		66,077		19,622		794,422	1,140	795,562
TOTAL	586,303	1,080	397,735	60	64,700		106,132		27,147		1,182,017	1,140	1,183,157
GRAND TOTAL	2,119,100	101,070	685,687	14,765	164,450	40,956	752,245	254,407	351,570	166,547	4,073,052	577,745	4,650,797

FOREST STATISTICS FOR THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION
FROM INVENTORY PHASE OF FOREST SURVEY

TABLE 4.--AREA, IN ACRES, OF GENERALIZED TYPES IN EASTERN WASHINGTON
DATA AS OF JANUARY 1, 1936

NATIONAL FOREST AND COUNTY	CONIFEROUS TYPES				DEFORESTED		OTHER FOREST LAND		NONFOREST		ALL TYPES		
	SAW TIMBER		SECOND GROWTH										
	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	TOTAL
CHELAN:													
OKANOGAN	387,390	73,490	215,455	73,895	13,570	4,945	217,635	162,580	62,910	54,120	896,960	369,030	1,265,990
CHELAN	103,100	1,545	58,870	260	1,875		246,185	7,725	83,350	5,275	493,380	14,805	508,185
TOTAL	490,490	75,035	274,325	74,155	15,445	4,945	463,820	170,305	146,260	59,395	1,390,340	383,835	1,774,175
WENATCHEE:													
CHELAN	244,825	14,425	96,925	3,435	5,460	195	227,190	48,610	36,580	22,055	610,980	88,720	699,700
KITTITAS	142,010	1,015	43,420		2,855		35,935		10,820		235,040	1,015	236,055
TOTAL	386,835	15,440	140,345	3,435	8,315	195	263,125	48,610	47,400	22,055	846,020	89,735	935,755
SNOQUALMIE:													
KITTITAS	40,400	2,910	8,415	45	30		4,445	520	555	40	53,845	3,515	57,360
YAKIMA	252,400	41,855	39,340	5,585	1,210	65	73,415	8,310	11,170	9,640	377,535	65,455	442,990
TOTAL	292,800	44,765	47,755	5,630	1,240	65	77,860	8,830	11,725	9,680	431,380	68,970	500,350
COLUMBIA:													
YAKIMA	22,850		16,890		355		8,040		13,565		61,700		61,700
KLICKITAT	7,675		1,180		330				305		9,490		9,490
TOTAL	30,525		18,070		685		8,040		13,870		71,190		71,190
COLVILLE:													
OKANOGAN	174,310	50	22,870				12,825		5,430		215,435	50	215,485
FERRY	239,380	300	167,160	125	10,370		36,065		9,935		462,910	425	463,335
STEVENS	5,825		38,385		8,275		1,435		570		54,490		54,490
TOTAL	419,515	350	228,415	125	18,645		50,325		15,935		732,835	475	733,310
UMATILLA:													
WALLA WALLA		165		800				320		960		2,245	2,245
COLUMBIA	55,785		32,525	1,450	410		48,320	4,685	12,965	3,455	150,005	9,590	159,595
GARFIELD	44,075		23,040		315		20,095		8,650		96,175		96,175
ASOTIN	19,060		7,205				11,040		19,425		56,730		56,730
TOTAL	118,920	165	62,770	2,250	725		79,455	5,005	41,040	4,415	302,910	11,835	314,745
GRAND TOTAL	1,739,085	135,755	771,680	85,595	45,055	5,205	942,625	232,750	276,230	95,545	3,774,675	554,850	4,329,525

FOREST STATISTICS FOR THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION
FROM INVENTORY PHASE OF FOREST SURVEY

TABLE 5.--AREA[1/], IN ACRES, OF GENERALIZED TYPES

STATE AND NATIONAL FOREST	CONIFEROUS TYPES				DEFORESTED		OTHER FOREST LAND		NONFOREST		ALL TYPES		
	SAW TIMBER		SECOND GROWTH										
	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	TOTAL
OREGON:													
DESCHUTES	651,920	17,810	514,090	19,235	11,145	865	64,630	5,860	57,195	3,980	1,298,980	47,750	1,346,730
FREMONT	585,330		248,945	20	11,715		40,485		229,225	20	1,115,700	40	1,115,740
MALHEUR	760,250	70	76,910	30	2,765		61,445		175,675		1,077,045	100	1,077,145
MOUNT HOOD	568,957	102,860	222,064	87,225	33,777	4,252	22,973	20,453	8,618	20,336	856,389	235,126	1,091,515
OCHOCO	568,795	2,030	15,425	45	1,835		35,040	30	104,600	65	725,695	2,170	727,865
ROGUE RIVER	547,840	41,235	84,967	7,815	65,674	770	18,220	20,040	13,326	2,735	730,027	72,595	802,622
SISKIYOU	541,954	390	51,170		222,067		209,636	76	4,336		1,029,163	466	1,029,629
SIUSLAW	285,071	210	92,827		17,176		80,473	246	17,508		493,055	456	493,511
UMATILLA	608,035		162,660	155	3,420		59,885		130,850	15	964,850	170	965,020
UMPQUA	727,441		194,977		32,596		21,518		4,565		981,097		981,097
WALLOWA	343,570	9,070	86,330	12,275	2,005	560	119,190	75,295	285,550	28,675	836,645	125,875	962,520
WHITMAN	775,410	6,955	303,400	8,330	3,240	395	142,330	47,615	97,880	17,140	1,322,260	80,435	1,402,695
WILLAMETTE	1,082,223	12,561	387,803	7,724	34,916	2,022	49,526	300	44,409	7,056	1,598,877	29,663	1,628,540
TOTAL	8,046,796	193,191	2,441,568	142,854	442,331	8,864	925,351	169,915	1,173,737	80,022	13,029,783	594,846	13,624,629
WASHINGTON:													
CHELAN	490,490	75,035	274,325	74,155	15,445	4,945	463,820	170,305	146,260	59,395	1,390,340	383,835	1,774,175
COLUMBIA	616,828	1,080	415,805	60	65,385		114,172		41,017		1,253,207	1,140	1,254,347
COLVILLE	419,515	350	228,415	125	18,645		50,325		15,935		732,835	475	733,310
MOUNT BAKER	520,327	98,555	95,609	14,705	32,828	40,956	369,535	254,407	209,858	166,547	1,228,157	575,170	1,803,327
OLYMPIC	723,345	1,435	115,536		51,739		178,643		53,443		1,122,706	1,435	1,124,141
SNOQUALMIE	581,925	44,765	124,562	5,630	16,423	65	175,795	8,830	72,847	9,680	971,552	68,970	1,040,522
UMATILLA	118,920	165	62,770	2,250	725		79,455	5,005	41,040	4,415	302,910	11,835	314,745
WENATCHEE	386,835	15,440	140,345	3,435	8,315	195	263,125	48,610	47,400	22,055	846,020	89,735	935,755
TOTAL	3,858,185	236,825	1,457,367	100,360	209,505	46,161	1,694,870	487,157	627,800	262,092	7,847,727	1,132,595	8,980,322
GRAND TOTAL	11,904,981	430,016	3,898,935	243,214	651,836	55,025	2,620,221	657,072	1,801,537	342,114	20,877,510	1,727,441	22,604,951

1/ FIGURES GIVEN FOR THE SISKIYOU AND ROGUE RIVER FORESTS DO NOT INCLUDE THE PORTIONS OF THESE FORESTS THAT LIE IN CALIFORNIA. THE NET AREAS OF NATIONAL-FOREST LAND IN THESE PORTIONS ARE AS FOLLOWS: SISKIYOU, 338,391 ACRES; ROGUE RIVER, 47,401 ACRES. IT SHOULD BE NOTED THAT THE UMATILLA FOREST LIES PARTLY IN OREGON AND PARTLY IN WASHINGTON.

FOREST STATISTICS FOR THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION
FROM INVENTORY PHASE OF FOREST SURVEY

TABLE 6.--VOLUME OF TIMBER IN WESTERN OREGON, BY SPECIES GROUP AND BY AVAILABILITY
IN THOUSANDS OF BOARD FEET, LOG SCALE, SCRIBNER RULE

DATA AS OF JANUARY 1, 1933

NATIONAL FOREST AND COUNTY	DOUGLAS FIR		PULP SPECIES		OTHER CONIFERS		HARDWOODS		ALL SPECIES		TOTAL
	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	
MOUNT HOOD:											
HOOD RIVER	1,238,040	255,932	975,154	389,863	176,349	48,021	3,615	4,196	2,393,158	698,012	3,091,170
MULTNOMAH	12,406	1,089,443	27,482	768,879	200	120,078	-	378	40,088	1,978,778	2,018,866
CLACKAMAS	7,230,781	1,025,962	3,611,986	947,606	325,070	145,849	188	127	11,168,025	2,119,544	13,287,569
MARION	723,978	638	684,631	24	45,567	11	60		1,454,236	673	1,454,909
TOTAL	9,205,205	2,371,975	5,299,253	2,106,372	547,186	313,959	3,863	4,701	15,055,507	4,797,007	19,852,514
WILLAMETTE:											
CLACKAMAS	4,700		15,000		40				19,740		19,740
MARION	2,317,745	20,670	1,020,270	32,190	89,309				3,427,324	52,860	3,480,184
LINN	7,585,541	48,328	2,787,785	96,933	252,811	4,711	740		10,626,877	149,972	10,776,849
LANE	19,613,204		4,072,356		1,180,773		7,184		24,873,517		24,873,517
DOUGLAS	467,875		342,472		37,257				847,604		847,604
TOTAL	29,989,065	68,998	8,237,883	129,123	1,560,190	4,711	7,924		39,795,062	202,832	39,997,894
UMPQUA:											
LANE	4,540,774		212,568		131,162				4,884,504		4,884,504
DOUGLAS	15,081,655		2,533,213		1,123,112		6,410		18,744,390		18,744,390
COOS	42,815		46		2,672		231		45,764		45,764
JACKSON	33,382		2,048		10,646				46,076		46,076
JOSEPHINE	28,190				8,285				36,475		36,475
TOTAL	19,726,816		2,747,875		1,275,877		6,641		23,757,209		23,757,209
ROGUE RIVER:											
JACKSON	4,723,165		2,355,245		1,213,259				8,291,669		8,291,669
DOUGLAS	1,219,110		710,356		243,480				2,172,946		2,172,946
JOSEPHINE	334,140		132,130		71,410				537,680		537,680
TOTAL	6,276,415		3,197,731		1,528,149				11,002,295		11,002,295
SIUSLAW:											
TILLAMOOK	325,394		480,862		8,270		39,313		853,839		853,839
YAMHILL	46,938		5,900				8,497		61,335		61,335
POLK	134,313		43,136		791		640		178,880		178,880
LINCOLN	2,784,278	6,000	311,775		37,115		402,882	4,243	3,536,050	10,243	3,546,293
LANE	3,493,876		224,033		75,885		165,746		3,959,540		3,959,540
DOUGLAS	1,242,773		65,394		13,096		70,827		1,392,090		1,392,090
COOS	52		11		45				108		108
BENTON	166,030		4,900		325		240		171,495		171,495
TOTAL	8,193,654	6,000	1,136,011		135,527		688,145	4,243	10,153,337	10,243	10,163,580
SISKIYOU:											
COOS	1,219,573		9,320		131,481		100		1,360,474		1,360,474
CURRY	3,459,953		31,057		221,424		298,994		4,011,428		4,011,428
DOUGLAS	46,593				6,675				53,268		53,268
JOSEPHINE	1,902,979	6,820	70,552	1,410	323,198	147	12,123		2,308,852	8,377	2,317,229
TOTAL	6,629,098	6,820	110,929	1,410	682,778	147	311,217		7,734,022	8,377	7,742,399
GRAND TOTAL	80,020,253	2,453,793	20,729,682	2,236,905	5,729,707	318,817	1,017,790	8,944	107,497,432	5,018,459	112,515,891

FOREST STATISTICS FOR THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION
FROM INVENTORY PHASE OF FOREST SURVEY

TABLE 7.--VOLUME OF TIMBER IN EASTERN OREGON, BY SPECIES GROUP AND BY AVAILABILITY
IN THOUSANDS OF BOARD FEET, LOG SCALE, SCRIBNER RULE

DATA AS OF JANUARY 1, 1937

NATIONAL FOREST AND COUNTY	PONDEROSA PINE		DOUGLAS FIR		WESTERN LARCH		ALL OTHER SPECIES		ALL SPECIES		TOTAL
	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	
MOUNT HOOD:											
WASCO	910,870		869,383		58,231		654,062		2,492,546		2,492,546
JEFFERSON							8,439	3,104	8,439	3,104	11,543
TOTAL	910,870		869,383		58,231		662,501	3,104	2,500,985	3,104	2,504,089
WILLAMETTE:											
JEFFERSON								900		900	900
DESCHUTES:											
JEFFERSON	622,968	73,668	169,111	13,672	32,167	3,068	54,110	76,966	878,356	167,374	1,045,730
DESCHUTES	3,019,445	9,906	104,502	475	293		1,523,585	12,652	4,647,825	23,033	4,670,858
KLAMATH	984,326	20,820	145,141	24,180			465,220	11,472	1,594,693	56,472	1,651,165
LAKE	948,753						21,130		969,883		969,883
TOTAL	5,575,492	104,394	418,754	38,327	32,460	3,068	2,064,051	101,090	8,090,757	246,879	8,337,636
ROGUE RIVER:											
KLAMATH	1,269,661	32,481	367,281	37,445			1,176,278	320,713	2,813,220	390,639	3,203,859
FREMONT:											
KLAMATH	1,007,279		395				68,609		1,076,283		1,076,283
LAKE	4,692,857						521,093		5,213,950		5,213,950
TOTAL	5,700,136		395				589,702		6,290,233		6,290,233
UMATILLA:											
MORROW	438,463		100,642		61,343		36,090		636,538		636,538
UMATILLA	726,677		388,302		263,123		431,032		1,809,134		1,809,134
UNION	323,624		205,478		189,963		284,956		1,004,021		1,004,021
WALLOWA	180,931		85,754		97,755		114,262		478,702		478,702
WHEELER	184,518		30,430		7,959		7,625		230,532		230,532
GRANT	267,377		24,138		8,276		1,247		301,038		301,038
TOTAL	2,121,590		834,744		628,419		875,212		4,459,965		4,459,965
WALLOWA:											
UNION	5,862	1,660	2,489	67	866	555	944	869	10,161	3,151	13,312
WALLOWA	1,127,980	9,850	597,970	6,535	251,594	10,090	243,108	14,240	2,220,652	40,715	2,261,367
TOTAL	1,133,842	11,510	600,459	6,602	252,460	10,645	244,052	15,109	2,230,813	43,866	2,274,679
WHITMAN:											
UMATILLA	5,159		486		801				6,446		6,446
UNION	228,447	215	191,317	3,543	307,060	14,180	213,434	16,436	940,258	34,374	974,632
WALLOWA	30,279	78	34,636	258	23,620	1,423	19,809	3,064	108,344	4,823	113,167
GRANT	1,344,411		403,926		419,289		347,055		2,514,681		2,514,681
BAKER	1,411,383		328,611		285,287	30	237,826	1,120	2,263,107	1,150	2,264,257
MALHEUR	7,800		1,715		395				9,910		9,910
TOTAL	3,027,479	293	960,691	3,801	1,036,452	15,633	818,124	20,620	5,842,746	40,347	5,883,093
OCHOCO:											
CROOK	2,694,058		328,472		117,393		143,488		3,283,411		3,283,411
WHEELER	685,158	24,142	205,377	6,469	116,228	1,146	114,654	2,465	1,121,417	34,222	1,155,639
GRANT	234,318		17,981		1,508		7,255		261,062		261,062
HARNEY	1,371,735		9,710		194		19,900		1,401,539		1,401,539
TOTAL	4,985,269	24,142	561,540	6,469	235,323	1,146	285,297	2,465	6,067,429	34,222	6,101,651
MALHEUR:											
GRANT	4,827,710		461,697	60	194,388	166	232,743	47	5,716,538	273	5,716,811
BAKER	118,095		25,927		27,368		42,155		213,545		213,545
HARNEY	1,168,292		16,795		424		18,056		1,203,567		1,203,567
MALHEUR	1,280								1,280		1,280
TOTAL	6,115,377		504,419	60	222,180	166	292,954	47	7,134,930	273	7,135,203
GRAND TOTAL	30,839,716	172,820	5,117,666	92,704	2,465,525	30,658	7,008,171	464,048	45,431,078	760,230	46,191,308

FOREST STATISTICS FOR THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION
FROM INVENTORY PHASE OF FOREST SURVEY

TABLE 8.--VOLUME OF TIMBER IN WESTERN WASHINGTON, BY SPECIES GROUP AND BY AVAILABILITY
IN THOUSANDS OF BOARD FEET, LOG SCALE, SCRIBNER RULE

DATA AS OF JANUARY 1, 1933

NATIONAL FOREST AND COUNTY	DOUGLAS FIR		PULP SPECIES		OTHER CONIFERS		HARDWOODS		ALL SPECIES		TOTAL
	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	
OLYMPIC:											
CLALLAM	3,945,302		6,485,050		580,558		1,972		11,012,882		11,012,882
JEFFERSON	2,897,440		7,627,758		808,789		9,000		11,342,987		11,342,987
GRAYS HARBOR	1,267,299	3,599	4,288,573	72,081	550,848	7,421	9,596		6,116,316	83,101	6,199,417
MASON	2,938,500		1,991,471		342,221		1,416		5,273,608		5,273,608
TOTAL	11,048,541	3,599	20,392,852	72,081	2,282,416	7,421	21,984		33,745,793	83,101	33,828,894
MOUNT BAKER:											
WHATCOM	641,415	394,430	2,058,520	1,146,533	574,723	213,225	19,959	2,985	3,294,617	1,757,173	5,051,790
SKAGIT	627,198	46	3,304,361	1,278	710,220	88	1,159		4,642,938	1,412	4,644,350
SNOHOMISH	1,383,446	19,677	4,382,565	255,617	1,160,714	38,935	5,316	124	6,932,041	314,353	7,246,394
TOTAL	2,652,059	414,153	9,745,446	1,403,428	2,445,657	252,248	26,434	3,109	14,869,596	2,072,938	16,942,534
SNOQUALMIE:											
SNOHOMISH	447,375		1,527,851		233,019		970		2,209,215		2,209,215
KING	1,112,612		2,878,402		391,523		939		4,383,476		4,383,476
PIERCE	1,136,752		2,300,553		220,449		555		3,658,309		3,658,309
THURSTON	6,804		810		351				7,965		7,965
LEWIS	610,600		680,477		64,342		3,510		1,358,929		1,358,929
TOTAL	3,314,143		7,388,093		909,684		5,974		11,617,894		11,617,894
COLUMBIA:											
LEWIS	3,960,022		4,082,822		483,072		599		8,526,515		8,526,515
COWLITZ	281,191		463,221		46,780		3,057		794,249		794,249
SKAMANIA	6,598,769	30,415	5,850,282	11,539	1,067,743	4,231	3,150		13,519,944	46,185	13,566,129
TOTAL	10,839,982	30,415	10,396,325	11,539	1,597,595	4,231	6,806		22,840,708	46,185	22,886,893
GRAND TOTAL	27,854,725	448,167	47,922,716	1,487,048	7,235,352	263,900	61,198	3,109	83,073,991	2,202,224	85,276,215

FOREST STATISTICS FOR THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION
FROM INVENTORY PHASE OF FOREST SURVEY

TABLE 9.—VOLUME OF TIMBER IN EASTERN WASHINGTON, BY SPECIES GROUP AND BY AVAILABILITY
IN THOUSANDS OF BOARD FEET, LOG SCALE, SCRIBNER RULE

DATA AS OF JANUARY 1, 1936

NATIONAL FOREST AND COUNTY	PONDEROSA PINE		DOUGLAS FIR		WESTERN LARCH		ALL OTHER SPECIES		ALL SPECIES		
	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	TOTAL
CHELAN:											
OKANOGAN	1,906,797	347	1,073,038	93,088	136,519	3,907	478,385	802,287	3,594,739	899,629	4,494,368
CHELAN	274,896	591	307,510	5,730	261		500,697	10,060	1,083,364	16,381	1,099,745
TOTAL	2,181,693	938	1,380,548	98,818	136,780	3,907	979,082	812,347	4,678,103	916,010	5,594,113
WENATCHEE:											
CHELAN	691,522	6,758	561,028	35,971	35,738	25	1,021,352	283,637	2,309,640	326,391	2,636,031
KITTITAS	168,643	4,932	818,886	10,500	113,148	70	967,981	4,453	2,068,658	19,955	2,088,613
TOTAL	860,165	11,690	1,379,914	46,471	148,886	95	1,989,333	288,090	4,378,298	346,346	4,724,644
SNOQUALMIE:											
KITTITAS	124,320	18,890	188,018	11,322	41,198	897	182,420	2,449	535,956	33,558	569,514
YAKIMA	706,082	74,443	577,319	149,734	365,078	77,973	1,489,069	229,649	3,137,548	531,799	3,669,347
TOTAL	830,402	93,333	765,337	161,056	406,276	78,870	1,671,489	232,098	3,673,504	565,357	4,238,861
COLUMBIA:											
YAKIMA	92,362		24,123		5,371		153,058		274,914		274,914
KLICKITAT	2,349		141,044		255		47,632		191,280		191,280
TOTAL	94,711		165,167		5,626		200,690		466,194		466,194
COLVILLE:											
OKANOGAN	293,293		575,124	337	485,572	370	6,754		1,360,743	707	1,361,450
FERRY	290,030	667	604,438	612	529,059	860	67,608	687	1,491,135	2,826	1,493,961
STEVENS	8,030		23,601		31,705		324		63,660		63,660
TOTAL	591,353	667	1,203,163	949	1,046,336	1,230	74,686	687	2,915,538	3,533	2,919,071
UMATILLA:											
WALLA WALLA		370		230		25		175		800	800
COLUMBIA	78,426		51,984		65,336		123,790		319,536		319,536
GARFIELD	112,607		57,181		62,330		91,152		323,270		323,270
ASOTIN	37,425		23,130		22,106		32,588		115,249		115,249
TOTAL	228,458	370	132,295	230	149,772	25	247,530	175	758,055	800	758,855
GRAND TOTAL	4,786,782	106,998	5,026,424	307,524	1,893,676	84,127	5,162,810	1,333,397	16,869,692	1,832,046	18,701,738

FOREST STATISTICS FOR THE NATIONAL FORESTS OF THE NORTH PACIFIC REGION
FROM INVENTORY PHASE OF FOREST SURVEY

TABLE 10.--VOLUME OF TIMBER[1/], BY SPECIES GROUP AND BY AVAILABILITY
IN THOUSANDS OF BOARD FEET, LOG SCALE, SCRIBNER RULE

STATE AND NATIONAL FOREST	DOUGLAS FIR		PONDEROSA PINE		ALL OTHER SPECIES		ALL SPECIES		
	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	AVAILABLE FOR CUTTING	RESERVED FROM CUTTING	TOTAL
OREGON:									
DESCHUTES	418,754	38,327	5,575,492	104,394	2,096,511	104,158	8,090,757	246,879	8,337,636
FREMONT	395		5,700,136		589,702		6,290,233		6,290,233
MALHEUR	504,419	60	6,115,377		515,134	213	7,134,930	273	7,135,203
MOUNT HOOD	10,074,588	2,371,975	951,701	1,129	6,530,203	2,427,007	17,556,492	4,800,111	22,356,603
OCHOCO	561,540	6,469	4,985,269	24,142	520,620	3,611	6,067,429	34,222	6,101,651
ROGUE RIVER	6,643,696	37,445	1,715,241	32,481	5,456,578	320,713	13,815,515	390,639	14,206,154
SISKIYOU	6,629,098	6,820	121,781		983,143	1,557	7,734,022	8,377	7,742,399
SIUSLAW	8,193,654	6,000			1,959,683	4,243	10,153,337	10,243	10,163,580
UMATILLA	834,744		2,121,590		1,503,631		4,459,965		4,459,965
UMPQUA	19,726,816		284,475		3,745,918		23,757,209		23,757,209
WALLOWA	600,459	6,602	1,133,842	11,510	496,512	25,754	2,230,813	43,866	2,274,679
WHITMAN	960,691	3,801	3,027,479	293	1,854,576	36,253	5,842,746	40,347	5,883,093
WILLAMETTE	29,989,065	68,998	55,017		9,750,980	134,734	39,795,062	203,732	39,998,794
TOTAL	85,137,919	2,546,497	31,787,400	173,949	36,003,191	3,058,243	152,928,510	5,778,689	158,707,199
WASHINGTON:									
CHELAN	1,380,548	98,818	2,181,693	938	1,115,862	816,254	4,678,103	916,010	5,594,113
COLUMBIA	11,005,149	30,415	193,099		12,108,654	15,770	23,306,902	46,185	23,353,087
COLVILLE	1,203,163	949	591,353	667	1,121,022	1,917	2,915,538	3,533	2,919,071
MOUNT BAKER	2,652,059	414,153	27		12,217,510	1,658,785	14,869,596	2,072,938	16,942,534
OLYMPIC	11,048,541	3,599			22,697,252	79,502	33,745,793	83,101	33,828,894
SNOQUALMIE	4,079,480	161,056	830,402	93,333	10,381,516	310,968	15,291,398	565,357	15,856,755
UMATILLA	132,295	230	228,458	370	397,302	200	758,055	800	758,855
WENATCHEE	1,379,914	46,471	860,165	11,690	2,138,219	288,185	4,378,298	346,346	4,724,644
TOTAL	32,881,149	755,691	4,885,197	106,998	62,177,337	3,171,581	99,943,683	4,034,270	103,977,953
GRAND TOTAL	118,019,068	3,302,188	36,672,597	280,947	98,180,528	6,229,824	252,872,193	9,812,959	262,685,152

1/ FIGURES GIVEN FOR THE SISKIYOU AND ROGUE RIVER FORESTS DO NOT INCLUDE THE VOLUME OF TIMBER ON THE PORTIONS OF THESE FORESTS THAT LIE IN CALIFORNIA. THE SAW-TIMBER VOLUMES OF THESE PORTIONS, ACCORDING TO FOREST SERVICE EXTENSIVE-RECONNAISSANCE FIGURES AS REVISED IN 1923, ARE AS FOLLOWS: SISKIYOU, 2,697,250 BOARD FEET; ROGUE RIVER, 438,512 BOARD FEET. (BOTH VALUES ARE LOG SCALE, SCRIBNER RULE.) IT SHOULD BE NOTED THAT THE UMATILLA FOREST LIES PARTLY IN OREGON AND PARTLY IN WASHINGTON.