

FOREST STATISTICS FOR SAN JUAN COUNTY, WASHINGTON

Resulting from the Inventory Phase of the Forest Survey
of the United States, Conducted for the States of Washington and Oregon
by the Pacific Northwest Forest Experiment Station,
Forest Service, U. S. Dept. of Agriculture
Data as of May 1, 1932

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Portland, Oregon

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FOREST STATISTICS FOR SAN JUAN COUNTY, WASHINGTON
FROM INVENTORY PHASE OF FOREST SURVEY

TABLE I. VOLUME OF TIMBER BY SPECIES FOR EACH OWNERSHIP CLASS
IN THOUSANDS OF BOARD FEET, LOG SCALE, SCRIBNER RULE
DATA CORRECTED TO MAY 1, 1932

SUR- VEY SYM- BOL	SPECIES	P U B L I C O W N E R S H I P S					
		PRIVATE OWNERSHIP	STATE, AVAIL-	STATE, RESERVED	COUNTY	FEDERAL, OTHER THAN NAT. FOR., INDIAN AND REVESTED LAND GRANTS	TOTAL FOR COUNTY
			ABLE FOR CUTTING	FROM CUTTING			
DB	OLD GROWTH DOUGLAS FIR, TREES 20-40" DBH	2,250	-	1,500	-	-	3,750
DD	SECOND GROWTH DOUGLAS FIR, TREES 16-20"	19,842	403	788	25	494	21,552
HB	SMALL WESTERN HEMLOCK, TREES 16-20" DBH	648	-	-	-	-	648
WF	WHITE FIR AND LOWLAND WHITE FIR, TREES OVER 16" DBH	680	-	-	-	-	680
RA	RED ALDER, TREES OVER 12" DBH	450	-	-	-	-	450
	TOTAL	23,870	403	2,288	25	494	27,080

NOTE - IN ADDITION TO THE ABOVE MERCHANTABLE TIMBER IN SAN JUAN COUNTY THERE ARE 202,900 CORDS OF DOUGLAS FIR OF SUCH LOW QUALITY AND POOR FORM AS TO BE SUITABLE ONLY FOR CORDWOOD. THIS TIMBER OCCURS ON 19,660 ACRES OF STERILE AND WINDSWEPT LAND.

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TABLE 2. AREA IN ACRES OF ALL FOREST COVER TYPES, BY OWNERSHIP CLASSES
DATA CORRECTED TO MAY 1, 1932

SUR- VEY TYPE: NO. :	DEFINITION OF TYPES	P U B L I C O W N E R S H I P S						
		PRIVATE OWNERSHIP	STATE, AVAIL- ABLE FOR CUTTING	STATE, RESERVED FROM CUTTING	COUNTY	FEDERAL, OTHER THAN NAT. FOR., INDIAN AND REVESTED LAND GRANTS:		TOTAL FOR COUNTY
2 :	NONFOREST LAND OTHER THAN AGRICULTURAL	4,690 :	10 :	195 :	20 :	185 :	5,100	
3 :	AGRICULTURAL: CULTIVATED, AND CLEARED PASTURES ON OPERATED FARMS:	29,565 :	60 :	- :	- :	475 :	30,100	
4 :	OAK-MADRONE: A FOREST CONTAINING OVER 60% OAKS OR MADRONE	100 :	- :	- :	- :	- :	100	
	DOUGLAS FIR: A FOREST CONTAINING OVER 60% DOUGLAS FIR							
7 :	DOUGLAS FIR, SMALL OLD GROWTH, 20-40" DBH	150 :	- :	85 :	- :	- :	235	
9 :	DOUGLAS FIR, SMALL SECOND GROWTH, 6-20" DBH	33,580 :	770 :	1,790 :	50 :	1,325 :	37,515	
10 :	DOUGLAS FIR, SEEDLINGS AND SAPLINGS, 0-6" DBH	15,445 :	405 :	- :	- :	605 :	16,455	
19 :	CEDAR, SMALL: A FOREST CONTAINING 40% OR MORE OF WESTERN RED							
	CEDAR, AND UNDER 24" DBH	50 :	- :	- :	- :	- :	50	
26 :	LODGEPOLE PINE, SMALL: A FOREST CONTAINING OVER 50% LODGEPOLE							
	PINE, AND UNDER 12" DBH	860 :	- :	295 :	- :	25 :	1,180	
31 :	HARDWOODS: ALDER, MAPLE, ASH, AND/OR COTTONWOOD PREDOMINATING	805 :	45 :	35 :	- :	35 :	920	
35 :	OLD CUTOVERS, NOT RESTOCKED: CLEAR CUT PRIOR TO 1920	385 :	60 :	- :	- :	- :	445	
36 :	RECENT CUTOVERS: CLEAR CUT SINCE JANUARY 1920	40 :	- :	- :	- :	- :	40	
38 :	NONCOMMERCIAL ROCKY AREAS	15,845 :	455 :	1,695 :	10 :	1,655 :	19,660	
	TOTAL	101,515 :	1,805 :	4,095 :	80 :	4,305 :	111,800	

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TABLE 3. AREA IN ACRES OF GENERALIZED FOREST TYPES, BY OWNERSHIP CLASSES
DATA CORRECTED TO MAY 1, 1932

DEFINITION OF TYPES	PUBLIC OWNERSHIPS						TOTAL FOR COUNTY
	PRIVATE OWNERSHIP	STATE, AVAIL- ABLE FOR CUTTING	STATE, RESERVED FROM CUTTING	COUNTY	FEDERAL, OTHER THAN NAT. FOR., INDIAN AND REVESTED LAND GRANTS		
NONFOREST LAND TYPES							
SURVEY TYPES 2 AND 3	34,255	70	195	20	660		35,200
HARDWOODS: ALDER, MAPLE, ASH, AND/OR COTTONWOOD PREDOMINATING							
SURVEY TYPE 31	805	45	35	-	35		920
CONIFEROUS TIMBER TYPES OVER 20" DBH							
SURVEY TYPE 7	150	-	85	-	-		235
CONIFEROUS TIMBER TYPES FROM 6-20" DBH							
ON CUTOVER AREAS	8,965	155	-	-	40		9,160
SURVEY TYPE 9	24,615	615	1,790	50	1,285		28,355
TOTAL	33,580	770	1,790	50	1,325		37,515
CONIFEROUS TIMBER TYPES FROM 0-6" DBH							
ON CUTOVER AREAS	14,785	405	-	-	605		15,795
SURVEY TYPE 10	660	-	-	-	-		660
TOTAL	15,445	405	-	-	605		16,455
CONIFEROUS TIMBER TYPES FROM 0-24" DBH							
ON CUTOVER AREAS	50	-	-	-	-		50
SURVEY TYPE 19	-	-	-	-	-		-
TOTAL	50	-	-	-	-		50
NONCOMMERCIAL TYPES							
SURVEY TYPES 4, 26, AND 38	16,805	455	1,990	10	1,680		20,940
RECENT CUTOVERS: CLEAR CUT SINCE JANUARY 1920							
SURVEY TYPE 36	40	-	-	-	-		40
OLD CUTOVERS NONRESTOCKED, AND DEFORESTED BURNS							
SURVEY TYPES 35 AND 37	385	60	-	-	-		445
TOTAL	101,515	1,805	4,095	80	4,305		111,800

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TABLE 4. AREA OF CERTAIN IMMATURE CONIFEROUS FOREST TYPES SUBDIVIDED INTO AGE AND STOCKING CLASSES
DATA CORRECTED TO MAY 1, 1932

		TYPE NUMBER AND NAME				
		10	9	19		
AGE	DEGREE OF					
CLASS	STOCKING	DOUGLAS FIR	SECOND GROWTH	DOUGLAS FIR	DOUGLAS FIR	TOTAL
		SEEDLINGS & SAPLINGS 0"-6" DBH	SMALL 6"-20" DBH	CEGAR 0"-24" DBH		
		ACRES	ACRES	ACRES	ACRES	
10	GOOD	480	-	-	480	
YEAR	MEDIUM	4,345	-	50	4,395	
	POOR	1,965	-	-	1,965	
	TOTAL	6,790	-	50	6,840	
	GOOD	4,615	425	-	5,040	
20	MEDIUM	4,235	1,135	-	5,370	
YEAR	POOR	815	480	-	1,295	
	TOTAL	9,665	2,040	-	11,705	
	GOOD	-	2,470	-	2,470	
30	MEDIUM	-	5,900	-	5,900	
YEAR	POOR	-	345	-	345	
	TOTAL	-	8,715	-	8,715	
	GOOD	-	1,755	-	1,755	
40	MEDIUM	-	1,925	-	1,925	
YEAR	POOR	-	-	-	-	
	TOTAL	-	3,680	-	3,680	
	GOOD	-	1,260	-	1,260	
50	MEDIUM	-	2,635	-	2,635	
YEAR	POOR	-	30	-	30	
	TOTAL	-	3,925	-	3,925	
	GOOD	-	55	-	55	
60	MEDIUM	-	2,100	-	2,100	
YEAR	POOR	-	135	-	135	
	TOTAL	-	2,290	-	2,290	
	GOOD	-	725	-	725	
70	MEDIUM	-	13,795	-	13,795	
YEAR	POOR	-	180	-	180	
	TOTAL	-	14,700	-	14,700	
	GOOD	-	365	-	365	
80	MEDIUM	-	1,800	-	1,800	
YEAR	POOR	-	-	-	-	
	TOTAL	-	2,165	-	2,165	
	TOTAL	16,455	37,515	50	54,020	

NOTE - IN ADDITION TO THE IMMATURE TYPES RECOGNIZED ABOVE THERE ARE OTHER TYPES IN WHICH NET GROWTH IS TAKING PLACE, BUT WHICH WERE NOT SUBDIVIDED INTO AGE AND STOCKING CLASSES.

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TABLE 5. AREA OF FOREST LAND BY SITE QUALITY CLASSES
DATA CORRECTED TO MAY 1, 1932

SITE CLASSIFICATION		AREA IN ACRES	PERCENT OF COM- MERCIAL CONIFER- OUS FOR- EST LAND	PERCENT OF TOTAL FOREST LAND	PERCENT OF TOTAL AREA OF COUNTY
TYPE OF LAND	SITE QUALITY CLASS				
CONIFEROUS FOREST LAND EXCLUS- IVE OF LODGEPOLE TYPE AND NONCOMMERCIAL ROCKY AREAS	I	-			
	II	-			
	III	657	1.2	0.9	0.6
	IV	43,792	80.0	57.2	39.2
	V	10,291	18.8	13.4	9.2
TOTAL CONIFEROUS FOREST SITES (COMMERCIAL):		54,740	100.0		
LODGEPOLE PINE LAND		1,180		1.5	1.1
NONCOMMERCIAL ROCKY AREAS		19,600		25.7	17.6
OAK-MADRONE LAND		100		0.1	0.1
HARDWOOD LAND		920		1.2	0.8
TOTAL		21,860			
TOTAL FOREST LAND IN COUNTY		76,600		100.0	
NONFOREST LAND		35,200	35,200		31.4
TOTAL AREA OF COUNTY		111,800	111,800		100.0

NOTE - THE TERM "SITE QUALITY" DENOTES THE FOREST PRODUCTIVE CAPACITY OF AN AREA AND IS A REFLECTION OF THE COMPOSITE EFFECT OF ALL CLIMATIC AND SOIL CONDITIONS.

THE TERM "SITE QUALITY" FOLLOWED BY ROMAN NUMERALS I TO V DESIGNATES THE RELATIVE PRODUCTIVE CAPACITY, "SITE QUALITY I" BEING THE BEST AND "SITE QUALITY V" THE POOREST SITE QUALITY RECOGNIZED. THE HEIGHT OF THE TREES AT A GIVEN AGE IS USED AS A STANDARD OF CLASSIFICATION.

THE SITE QUALITY CLASSIFICATION DESIGNED FOR THE DOUGLAS FIR TYPE HAS BEEN EMPLOYED FOR THAT AND ALL OTHER TYPES IN THIS COUNTY EXCEPT LODGEPOLE PINE, OAK-MADRONE, HARDWOODS AND NONCOMMERCIAL ROCKY AREAS, FOR WHICH THERE HAS BEEN NO DIFFERENTIATION INTO SITE QUALITY CLASSES.

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FIGURE 1. OWNERSHIP OF FOREST LAND (FROM TABLE 2)

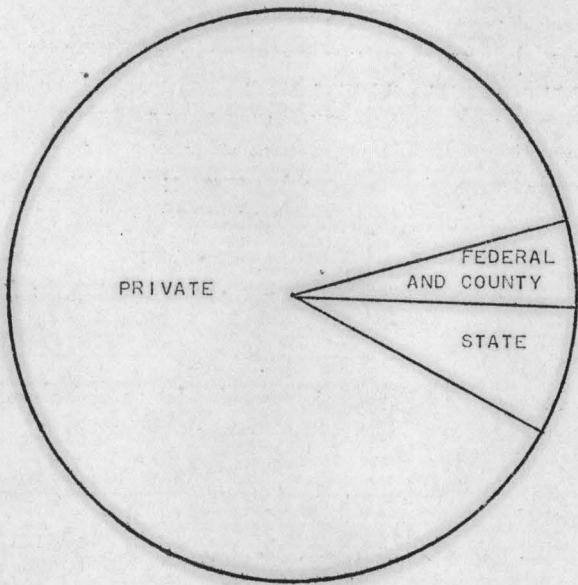


FIGURE 2. DISTRIBUTION OF SAWTIMBER VOLUME BY SPECIES, ALL OWNERSHIPS (FROM TABLE 1)

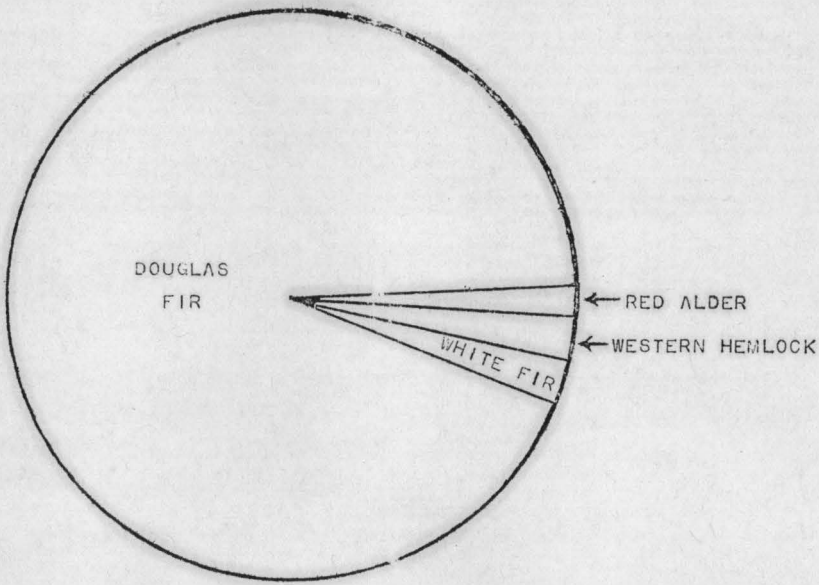


FIG. 3. DISTRIBUTION OF COUNTY AREA BY GENERALIZED TYPES, ALL OWNERSHIPS (FROM TABLES 3 AND 4)

