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# Volume and Average Stumpage Price of Selected Species on the National Forests of the Pacific Northwest Region, 1973 to 1984

Florence K. Ruderman and Richard W. Haynes

## Abstract

Stumpage prices have been compiled for major species for each National Forest of the Pacific Northwest Region of the USDA Forest Service for 1973-84.

Keywords: Stumpage prices, National Forests, Pacific Northwest.

Average stumpage prices from USDA Forest Service timber sales for major species in the Pacific Northwest Region have been published quarterly by the Pacific Northwest Research Station since 1963 (see, for example, Ruderman and Warren 1985). These prices have been widely used as standard measures of timber values in the Pacific Northwest. Beginning in 1977, stumpage price data for the 19 National Forests (fig. 1) in the Pacific Northwest Region were also included. The reason for adding these data was to provide forest planners and others with prices specific to geographic areas that were comparable to those published quarterly by the Pacific Northwest Research Station as regionwide averages. The available historical data and annual summaries for selected areas for 1977-80 have never been published. The purpose of this note is to present the 1973 through 1984 stumpage price data for each National Forest of the Pacific Northwest Region. Some of the more important trends in the data will also be summarized for the two subregions (the east side and the west side of the Cascade Range) that comprise the Pacific Northwest Region.

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FLORENCE K. RUDERMAN (retired) was a statistical assistant and RICHARD W. HAYNES is a research forester at the Pacific Northwest Research Station, Forestry Sciences Laboratory, P.O. Box 3890, Portland, Oregon 97208.

Briefly, these stumpage prices are volume-weighted averages of bid prices minus credits for road costs, and they include an allowance (Knutson-Vandenburg (KV) funds) for improving a sale area after timber harvest. The resulting series of prices have been called the statistical high bid value or, more commonly, sold prices. Until 1984, this series was the most common definition of stumpage prices. There are two other measures of Forest Service stumpage prices. The least commonly used are the prices paid for timber harvested from Forest Service sales. This price is called the cut price and for an individual sale is the adjusted high bid price when the logs are scaled after harvest. This latter series is available only as an "all species" average, whereas sold prices are available for the principal species and all species averages. The second measure which in 1984 became the common measure of value is the high bid price. This series is another form of the sold price but is not adjusted for reimbursed road costs. It purports to represent total returns to the U.S. Treasury.

The major distinction between cut and sold prices is that the cut price represents the current value of timber being harvested, whereas the sold price represents the price paid for timber for future harvest.

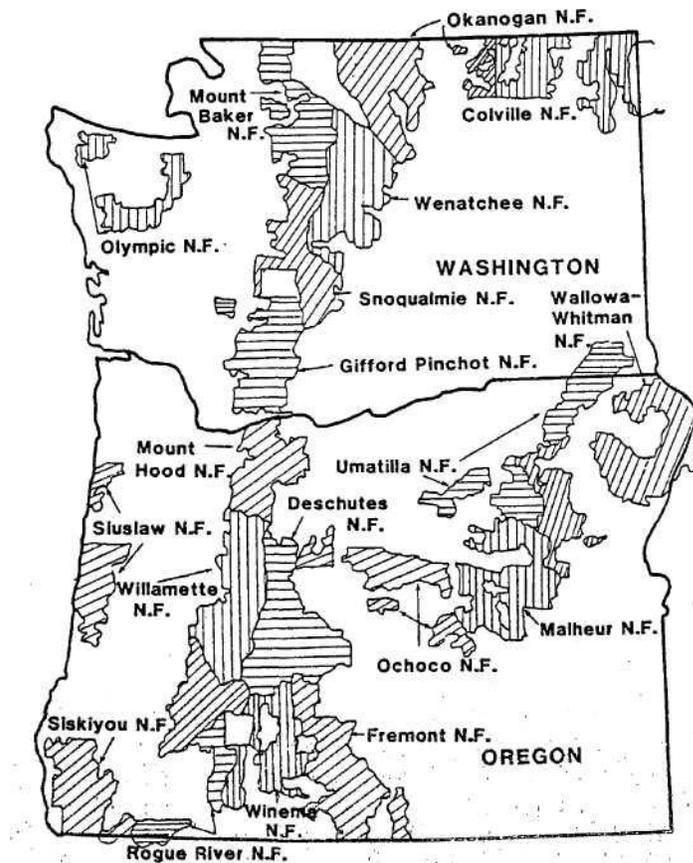


Figure 1—Names and locations of the National Forests (NF) in the Pacific Northwest Region.

## **Forest by Forest Stumpage Prices**

Quarterly stumpage price series for each of the 19 National Forests in the Pacific Northwest Region are given in appendix tables 2 through 29. The price series in the tables were compiled from individual timber sale records. In the quarterly series, these prices have always been reported as preliminary in the sense that they do not include sales with a total value less than \$2,000. Official sales records do include all sales but in the past have not been available in time for publication. All reported series are volume-weighted averages and are expressed in nominal dollars per thousand board feet, Scribner scale; that is, they have not been adjusted for inflation. Tables 2 through 29 are summaries of volume and average stumpage prices for the various National Forests in the Pacific Northwest Region as they now exist. This means that data for the Snoqualmie National Forest for 1973 and 1974 were combined with the data for the Mount Baker National Forest. The Mount Hood National Forest is treated as a west-side Forest in tables 2 and 13 even though two Districts contain east-side timber types. Finally, data for the Colville National Forest start in the fourth quarter of 1974 when that Forest was transferred from the Rocky Mountain Region to the Pacific Northwest Region.

## **Price Trends Summarized**

Figures 2 to 8 summarize some of the price series. These figures show two trends. First, there is much intraregional variation in stumpage prices even for the same species, such as Douglas-fir in the west side.<sup>1/</sup> Second, there is much variation among prices for various species, which raises questions about how good all species averages are in some applications. One concern is that these all species averages are greatly influenced by the major species in an area. To illustrate the extent to which the all species averages are influenced by Douglas-fir in the west side and ponderosa pine in the east side, we have computed "other species" averages for these regions.

Figure 2 shows the relationships among the stumpage prices for the east-side National Forests, west-side National Forests, and the entire Region. For the most part, price patterns are the same for both east-side and west-side Forests. Figure 3 shows stumpage prices for the major west-side species and figure 4 for the major east-side species. In the east side the sharp increase in prices after 1977 were attributable to both the use of sealed bidding during 1977 (Haynes 1980) and the high levels of housing starts in the late seventies. The increase in west-side prices reflects the bidding frenzy in the late 1970's as firms tried to position themselves for what was expected to be sustained high levels of housing starts in the 1980's as the World War II baby boom moved into the housing market. The lower prices since 1982 reflect a realignment of expectations about the future and the effects of increased lumber production in Canada and the South.

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<sup>1/</sup> For scientific names, see "Common and Scientific Names."

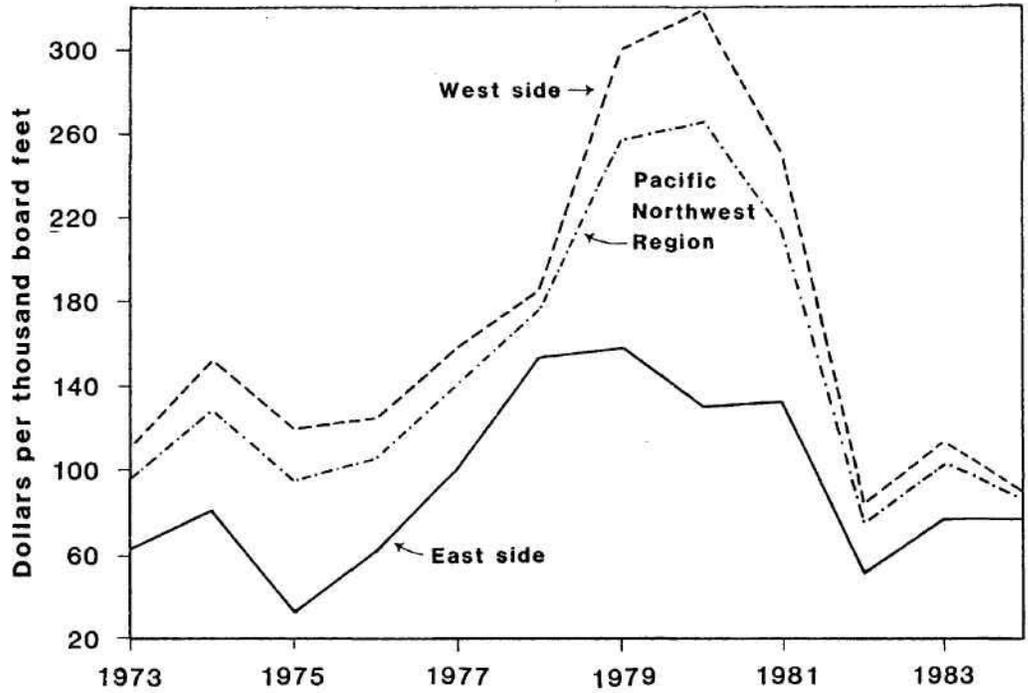


Figure 2—Average stumpage price of all species in east-side and west-side National Forests and the Pacific Northwest Region.

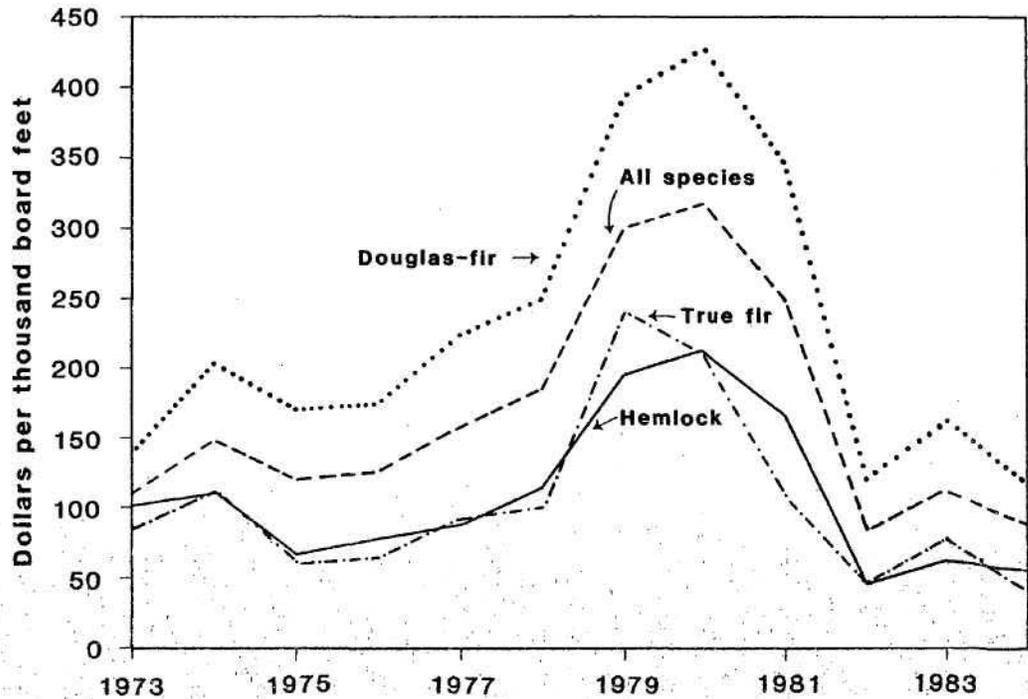


Figure 3—Stumpage prices for major west-side species, Pacific Northwest Region.

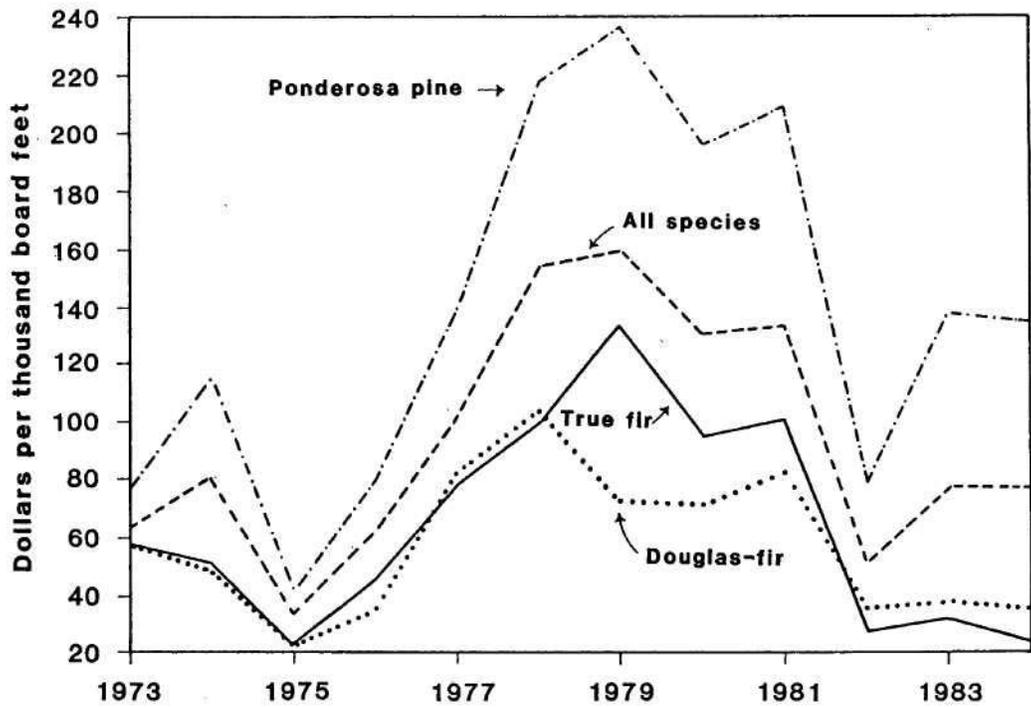


Figure 4—Stumpage prices for major east-side species, Pacific Northwest Region.

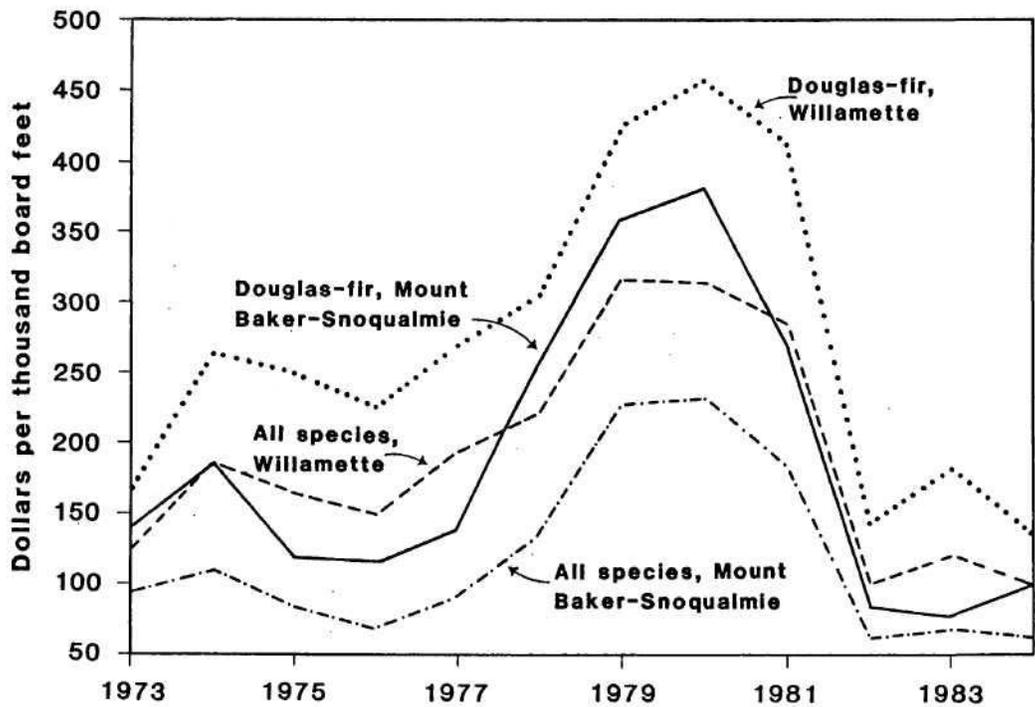


Figure 5—Stumpage prices on the Willamette and Mount Baker-Snoqualmie National Forests.

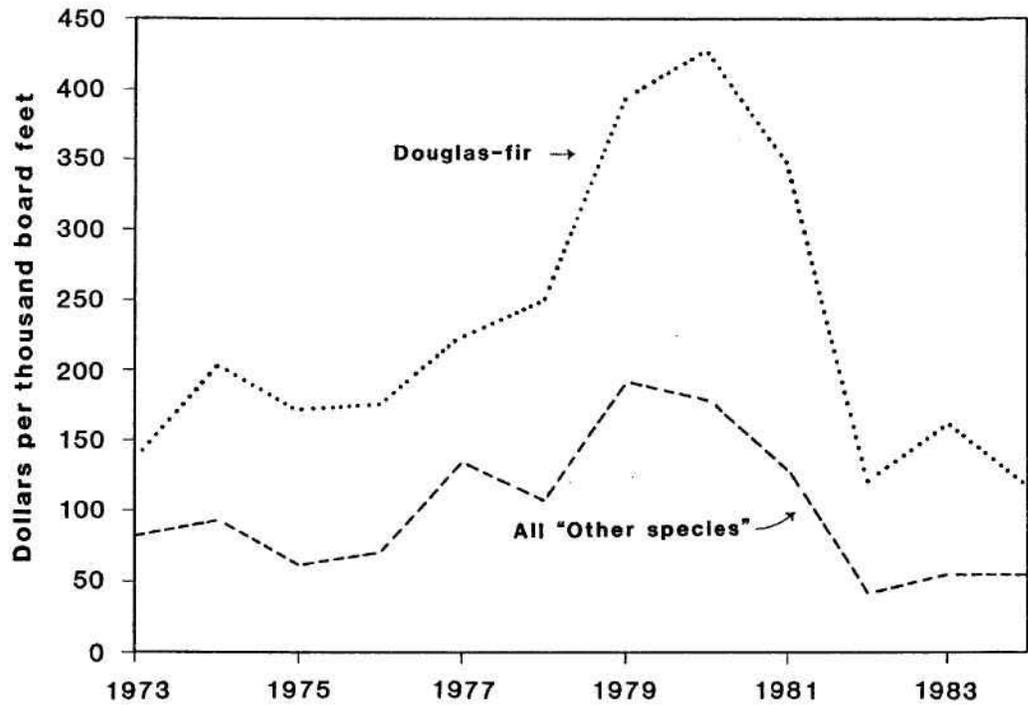


Figure 6—Stumpage prices for Douglas-fir and all other species, Pacific Northwest Region, west side.

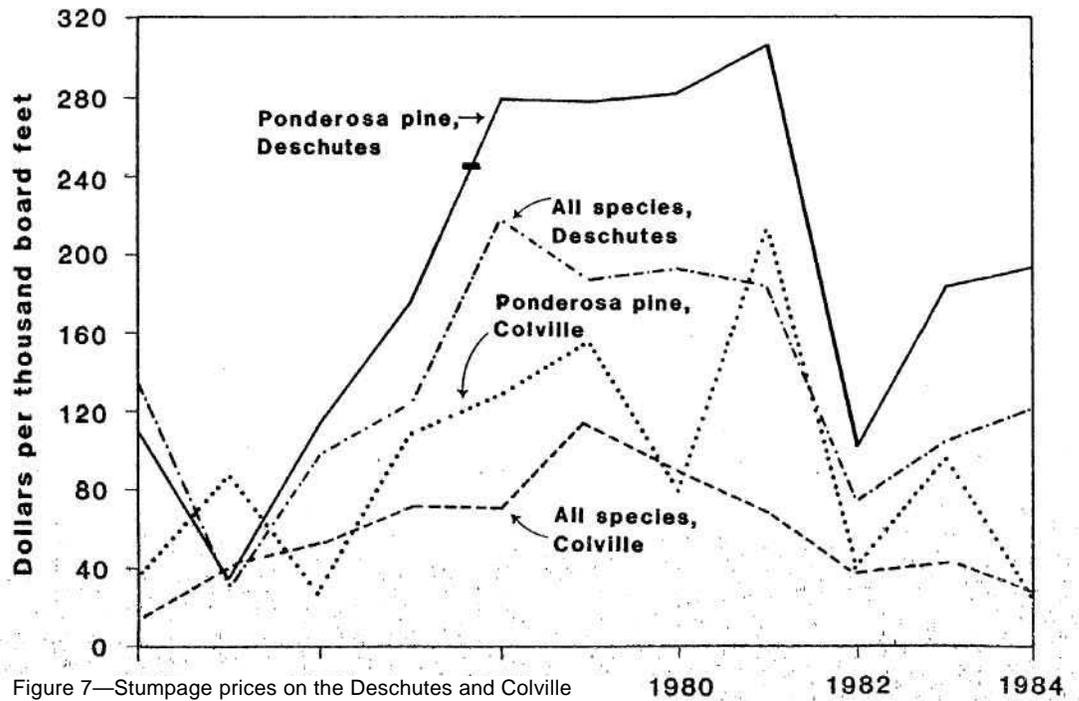


Figure 7—Stumpage prices on the Deschutes and Colville National Forests.

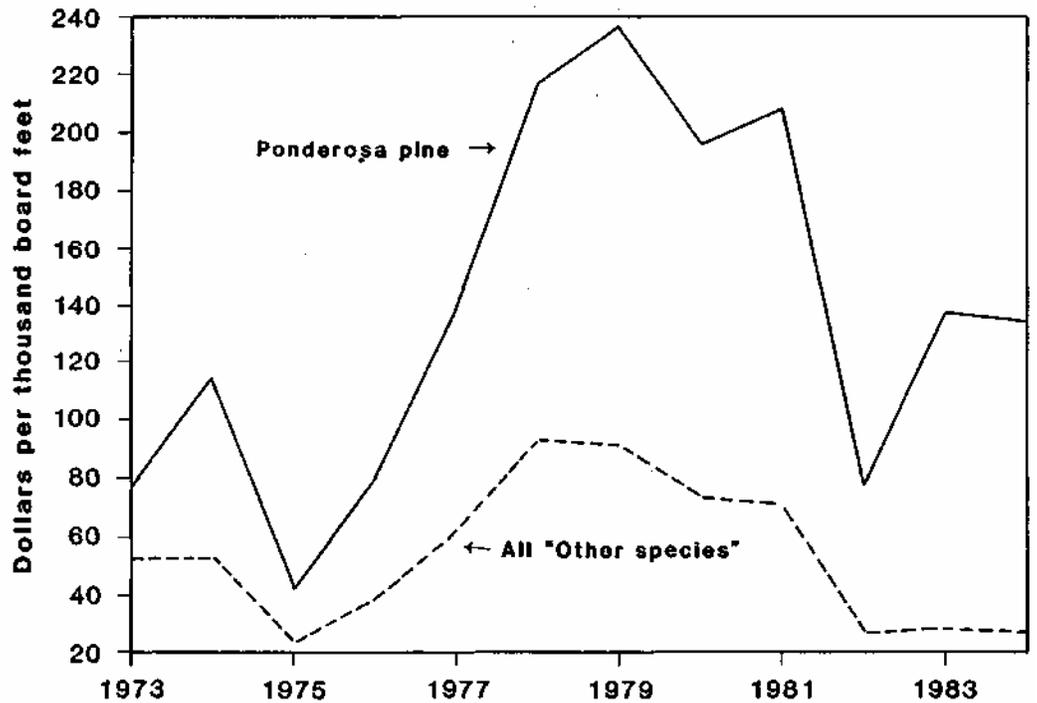


Figure 8—Stumpage prices for ponderosa pine and all other species.

Figure 5 illustrates the range in prices for Douglas-fir in the west side. During 1980, for example, there was a \$75 difference in Douglas-fir prices between the Willamette and Mount Baker-Snoqualmie National Forests. The difference in the all species average is even larger, reflecting the smaller proportion of Douglas-fir in the Mount Baker-Snoqualmie and a larger proportion of species of low value. The influence of these species can be illustrated by recomputing the all species average without Douglas-fir. For the Region as a whole, this difference is shown in figure 6 and is summarized in table 1. Excluding Douglas-fir while lowering the value of the all species average does not alter the trend of sharp rises in prices during the early and the late 1970's. Prices of other species have, however, been almost constant since 1982.

Figure 7 illustrates the range in prices found in the east side for ponderosa pines. These prices vary throughout the east side; the highest prices are in eastern Oregon. Recomputing the all species average for the east side shows the extent to which the increases in stumpage values during the late 1970's were shared by all species (fig. 8). It also shows how the prices for other species have not recovered since 1982 to the levels observed during the late 1970's.

**Table 1—Ponderosa pine, Douglas-fir, other species, and all species stumpage prices for the east side and west side of the Pacific Northwest Region**

(In dollars per thousand board feet)

Year	East side			West side		
	Ponderosa pine	Other species	All species	Douglas-fir	Other species	All species
1973	76.44	52.79	62.74	139.52	81.16	111.10
1974	114.94	52.84	80.33	202.67	94.01	151.49
1975	41.95	23.81	33.60	170.99	62.75	119.39
1976	80.25	39.04	61.70	176.10	71.30	125.06
1977	138.68	61.81	100.49	224.67	134.10	158.54
1978	217.47	92.86	153.33	249.98	108.36	185.92
1979	236.54	90.45	159.09	394.40	192.19	300.31
1980	196.47	73.22	130.45	428.58	178.29	318.63
1981	208.57	71.67	133.50	348.02	129.62	249.54
1982	78.18	27.33	51.47	121.14	42.58	84.53
1983	137.50	29.02	77.29	163.01	55.21	113.48
1984	134.83	27.35	77.07	118.90	54.81	90.28

**Common and Scientific Names**

**Common name**

**Scientific name**

Douglas-fir  
Ponderosa pine

*Pseudotsuga menziesii* (Mirb.) Franco  
*Pinus ponderosa* Dougl. ex Laws.

Spruce:  
Engelmann spruce  
Sitka spruce

*Picea engelmannii* Parry ex Engelm.  
*Picea sitchensis* (Bong.) Carr.

True firs:  
California red fir  
Grand fir  
Noble fir  
Pacific silver fir  
Shasta red fir  
Subalpine fir  
White fir

*Abies magnifica* A. Murr.  
*Abies grandis* (Dougl. ex D. Don) Lindl.  
*Abies procera* Rehd.  
*Abies amabilis* Dougl. ex Forbes  
*Abies magnifica* var. *shastensis* Lemm.  
*Abies lasiocarpa* (Hook.) Nutt.  
*Abies concolor* (Gord. & Glend.) Lindl.  
ex Hildebr.

Western hemlock

*Tsuga heterophylla* (Raf.) Sarg.

**Acknowledgment**

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**Ruderman, Florence K., Warren, Debra D.** Production, prices, employment, and trade in Northwest forest industries, first quarter 1985. Resour. Bull. PNW-126. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station; **1985**. 49 p.

Appendix

**Table 2—Volume and average stumpage price of selected species on the Mount Hood National Forest of the Pacific Northwest Region, 1973-84<sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PODEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
<b>1973:</b>												
1st quarter	8,617	76.49	300	45.55	330	63.98	7,950	77.51	4,535	45.62	24,954	62.09
2d quarter	91,948	142.94	--	--	--	--	41,022	74.60	1,200	13.86	165,811	99.52
3d quarter	64,742	130.93	5,100	65.95	9,000	76.04	23,120	86.36	4,000	56.76	124,202	99.97
4th quarter	60,300	166.14	10,990	118.83	2,915	72.74	34,465	153.65	5,350	79.08	126,365	137.53
<b>Total or average</b>	<b>225,607</b>	<b>143.15</b>	<b>16,390</b>	<b>101.04</b>	<b>13,045</b>	<b>75.00</b>	<b>106,557</b>	<b>102.94</b>	<b>15,035</b>	<b>57.91</b>	<b>441,332</b>	<b>100.41</b>
<b>1974:</b>												
1st quarter	18,780	200.03	18,700	147.07	7,700	92.25	7,980	118.49	9,800	70.88	75,245	119.21
2d quarter	26,140	243.76	8,800	162.56	4,000	83.02	9,970	100.69	3,100	65.56	56,400	156.77
3d quarter	25,837	240.85	7,850	194.23	1,560	86.10	11,370	179.15	--	--	53,149	188.28
4th quarter	20,370	177.00	28,925	121.08	4,800	57.98	11,070	55.61	5,205	20.03	88,860	109.94
<b>Total or average</b>	<b>99,127</b>	<b>215.61</b>	<b>64,275</b>	<b>142.03</b>	<b>18,060</b>	<b>76.30</b>	<b>39,390</b>	<b>114.28</b>	<b>17,105</b>	<b>54.45</b>	<b>273,654</b>	<b>139.42</b>
<b>1975:</b>												
1st quarter	45,250	171.04	1,230	70.00	--	--	15,120	92.32	--	--	78,945	124.93
2d quarter	82,760	165.11	21,660	125.96	920	10.87	47,763	45.34	--	--	181,069	119.86
3d quarter	32,360	191.14	5,350	27.05	4,940	12.85	12,913	46.19	3,850	57.43	72,565	110.81
4th quarter	50,160	172.58	26,360	64.34	3,310	32.99	33,765	73.66	12,340	35.89	140,260	99.13
<b>Total or average</b>	<b>210,530</b>	<b>172.16</b>	<b>54,620</b>	<b>85.25</b>	<b>9,170</b>	<b>19.92</b>	<b>109,561</b>	<b>60.65</b>	<b>16,190</b>	<b>41.01</b>	<b>472,839</b>	<b>113.17</b>
<b>1976:</b>												
1st quarter	9,005	145.19	980	46.35	490	22.17	5,025	124.90	1,370	26.66	19,094	109.92
2d quarter	46,185	185.82	10,200	110.52	1,134	47.51	29,850	107.49	5,660	26.76	129,671	127.96
3d quarter	17,845	93.71	2,400	95.62	3,100	122.95	21,445	29.67	220	46.19	51,378	59.61
4th quarter	11,041	214.32	250	41.71	170	109.09	4,500	126.96	90	45.68	20,281	187.87
<b>Total or average</b>	<b>84,076</b>	<b>165.66</b>	<b>13,830</b>	<b>102.15</b>	<b>4,894</b>	<b>94.92</b>	<b>60,020</b>	<b>82.93</b>	<b>7,340</b>	<b>27.56</b>	<b>220,424</b>	<b>115.98</b>
<b>1977:</b>												
1st quarter	40,840	198.66	16,100	224.13	9,500	92.51	28,060	145.68	5,300	48.06	122,452	177.50
2d quarter	60,145	209.91	5,500	87.80	--	--	21,305	116.60	770	69.34	107,759	166.46
3d quarter	33,475	197.36	10,620	79.59	5,510	59.01	16,780	86.73	1,020	52.07	72,237	130.37
4th quarter	73	189.74	--	--	1,000	88.83	31	56.35	--	--	1,104	94.59
<b>Total or average</b>	<b>134,533</b>	<b>203.36</b>	<b>32,220</b>	<b>153.22</b>	<b>16,010</b>	<b>80.75</b>	<b>66,176</b>	<b>121.41</b>	<b>7,090</b>	<b>51.54</b>	<b>303,552</b>	<b>148.93</b>
<b>1978:</b>												
1st quarter	72,558	234.07	17,506	184.52	4,900	158.61	37,534	132.83	--	--	155,108	176.32
2d quarter	4,180	218.52	11,830	105.99	3,310	151.88	3,580	113.93	2,085	96.90	27,661	126.17
3d quarter	70,920	167.04	5,051	62.64	1,640	171.63	46,055	208.75	19,839	72.97	167,157	145.46
4th quarter	12,900	240.73	2,530	75.57	3,700	157.77	13,950	198.58	2,360	56.76	37,870	180.96
<b>Total or average</b>	<b>160,558</b>	<b>204.59</b>	<b>36,917</b>	<b>135.21</b>	<b>13,450</b>	<b>158.31</b>	<b>101,119</b>	<b>175.81</b>	<b>24,204</b>	<b>73.45</b>	<b>387,796</b>	<b>161.62</b>
<b>1979:</b>												
1st quarter	84,306	361.74	18,130	202.53	--	--	39,860	183.71	3,000	127.76	164,381	261.75
2d quarter	26,337	372.91	17,410	174.80	5,873	179.75	23,790	149.81	9,201	68.05	95,222	212.99
3d quarter	58,743	416.90	4,574	213.69	1,407	162.35	34,155	294.93	7,985	177.77	110,441	336.15
4th quarter	32,431	558.79	4,700	389.97	2,200	189.53	5,314	72.96	2,400	100.00	60,765	383.17
<b>Total or average</b>	<b>203,817</b>	<b>410.54</b>	<b>44,814</b>	<b>212.55</b>	<b>9,480</b>	<b>179.44</b>	<b>103,119</b>	<b>203.71</b>	<b>22,586</b>	<b>118.17</b>	<b>430,809</b>	<b>287.17</b>
<b>1980:</b>												
1st quarter	66,294	372.19	6,880	175.11	5,650	95.82	28,543	232.60	8,375	159.47	129,480	301.00
2d quarter	45,751	201.12	3,250	14.30	--	--	26,718	400.54	9,812	244.71	95,223	244.70
3d quarter	45,895	189.77	8,470	135.65	--	--	37,640	352.69	9,230	189.66	117,976	224.63
4th quarter	37,005	530.73	1,667	27.61	1,600	429.00	13,001	35.12	55	174.57	60,871	345.98
<b>Total or average</b>	<b>194,945</b>	<b>319.19</b>	<b>20,267</b>	<b>120.71</b>	<b>7,250</b>	<b>169.35</b>	<b>105,902</b>	<b>293.41</b>	<b>27,472</b>	<b>199.92</b>	<b>403,559</b>	<b>272.17</b>
<b>1981:</b>												
1st quarter	40,070	461.08	13,700	315.91	2,100	13.45	22,540	139.28	5,860	133.85	99,321	294.97
2d quarter	36,818	318.02	7,170	245.92	330	35.38	18,684	137.69	2,138	34.75	77,169	213.96
3d quarter	92,045	259.88	3,160	56.71	2,850	523.09	37,770	207.09	12,826	44.52	189,162	192.48
4th quarter	19,857	441.86	7,300	27.96	7,400	204.71	5,380	33.64	8,978	69.12	57,545	199.25
<b>Total or average</b>	<b>188,790</b>	<b>333.06</b>	<b>31,330</b>	<b>206.66</b>	<b>12,680</b>	<b>240.19</b>	<b>84,374</b>	<b>162.55</b>	<b>29,802</b>	<b>68.83</b>	<b>423,197</b>	<b>221.35</b>
<b>1982:</b>												
1st quarter	58,930	161.54	990	46.72	2,380	44.56	18,387	24.72	3,050	71.29	98,044	106.29
2d quarter	39,047	74.77	9,700	10.47	2,300	10.47	15,329	38.08	--	--	74,064	53.20
3d quarter	75,990	84.92	2,190	84.30	200	13.23	33,554	50.98	11,783	18.28	148,240	60.70
4th quarter	11,240	36.30	12,900	30.44	560	27.67	12,150	17.81	3,080	16.56	51,302	25.61
<b>Total or average</b>	<b>185,207</b>	<b>104.21</b>	<b>25,780</b>	<b>28.13</b>	<b>5,440</b>	<b>27.26</b>	<b>79,419</b>	<b>37.33</b>	<b>17,913</b>	<b>27.01</b>	<b>371,650</b>	<b>66.39</b>
<b>1983:</b>												
1st quarter	96,955	207.60	4,120	27.70	1,480	17.28	42,635	73.30	210	7.37	190,449	126.51
2d quarter	23,639	196.75	1,150	21.91	1,090	93.23	8,240	121.90	1,310	3.39	41,954	142.02
3d quarter	28,252	174.36	11,400	49.78	1,000	20.33	19,315	99.67	10,280	16.32	82,539	97.96
4th quarter	33,418	136.56	6,350	38.53	5,160	88.56	14,657	182.83	8,030	34.01	80,853	105.02
<b>Total or average</b>	<b>182,264</b>	<b>188.01</b>	<b>23,020</b>	<b>41.33</b>	<b>8,730</b>	<b>69.24</b>	<b>84,547</b>	<b>102.96</b>	<b>19,630</b>	<b>22.53</b>	<b>325,845</b>	<b>119.01</b>
<b>1984:</b>												
1st quarter	54,226	150.24	4,300	31.28	3,920	42.50	36,413	125.74	4,210	53.95	131,257	105.72
2d quarter	22,297	133.12	9,680	78.73	1,600	14.67	14,141	31.83	2,140	26.27	63,516	98.14
3d quarter	49,778	121.98	8,500	26.17	3,650	36.74	21,230	87.59	500	46.18	103,737	85.25
4th quarter	19,995	73.25	4,855	105.42	470	45.81	17,325	25.29	2,470	12.64	52,750	46.56
<b>Total or average</b>	<b>146,296</b>	<b>127.83</b>	<b>27,335</b>	<b>59.66</b>	<b>9,590</b>	<b>38.86</b>	<b>89,109</b>	<b>90.14</b>	<b>9,320</b>	<b>36.18</b>	<b>351,260</b>	<b>89.79</b>

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 3—Volume and average stumpage price of selected species on the Rogue River National Forest of the Pacific Northwest Region, 1973-84<sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				POHDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	16,785	77.60	--	--	721	62.76	--	--	17,010	48.63	50,890	53.62
2d quarter	37,925	112.15	--	--	3,985	40.19	--	--	9,485	47.67	62,820	84.87
3d quarter	9,950	144.44	--	--	3,595	86.31	1,120	54.24	5,495	93.65	25,800	169.59
4th quarter	25,456	120.66	--	--	4,780	84.13	50	4.03	18,289	70.35	55,205	92.89
Total or average	90,116	111.68	--	--	13,081	70.16	1,170	52.09	50,279	60.19	194,715	90.21
1974:												
1st quarter	4,674	225.84	--	--	983	166.53	--	--	9,325	131.35	17,340	155.14
2d quarter	39,699	244.95	--	--	10,478	238.77	--	--	2,367	14.68	92,814	187.10
3d quarter	1,707	173.21	--	--	--	--	--	--	1,013	99.55	3,351	146.48
4th quarter	37,361	112.26	--	--	6,855	59.98	670	27.03	31,309	44.67	95,401	70.21
Total or average	83,441	183.00	--	--	18,316	167.98	670	27.03	44,014	62.69	208,906	130.42
1975:												
1st quarter	2,321	107.70	--	--	--	--	--	--	--	--	6,553	113.71
2d quarter	47,438	135.42	--	--	10,324	75.63	--	--	27,678	68.53	118,104	95.46
3d quarter	14,727	103.49	--	--	--	--	--	--	13,390	36.83	39,532	61.81
4th quarter	31,930	147.25	--	--	4,274	38.45	--	--	26,152	67.05	79,414	94.55
Total or average	96,416	133.79	--	--	14,598	68.75	--	--	67,220	61.64	243,603	90.20
1976:												
1st quarter	2,375	157.01	--	--	1,045	155.41	--	--	603	84.90	4,345	139.26
2d quarter	38,420	153.04	--	--	1,732	56.39	--	--	20,135	89.65	70,659	116.49
3d quarter	16,188	116.52	--	--	2,529	87.88	--	--	9,794	91.37	48,348	103.47
4th quarter	2,470	124.72	--	--	40	102.35	--	--	1,360	77.25	5,277	95.17
Total or average	59,453	142.08	--	--	5,346	90.98	--	--	31,892	89.56	128,629	111.49
1977:												
1st quarter	33,257	212.00	--	--	1,450	90.52	--	--	25,613	140.85	81,127	151.16
2d quarter	21,430	226.31	--	--	1,630	133.21	--	--	10,790	93.00	51,205	184.50
3d quarter	18,595	169.65	--	--	3,540	83.18	--	--	23,400	136.31	53,380	137.15
4th quarter	6,825	305.63	--	--	--	--	--	--	4,170	124.75	12,890	217.70
Total or average	80,107	213.97	--	--	6,620	97.12	--	--	63,973	130.07	198,602	160.31
1978:												
1st quarter	27,865	230.99	--	--	2,566	77.25	--	--	19,995	96.20	59,961	162.22
2d quarter	25,237	225.90	--	--	1,409	164.49	--	--	7,800	216.04	50,501	201.98
3d quarter	26,223	200.11	--	--	1,997	176.64	--	--	17,020	218.98	60,975	193.72
4th quarter	7,872	262.37	--	--	1,060	132.52	--	--	3,117	244.55	13,563	228.25
Total or average	87,197	223.06	--	--	7,032	131.29	--	--	47,932	168.96	185,000	188.10
1979:												
1st quarter	39,919	244.31	--	--	2,697	196.54	--	--	31,805	523.60	85,828	338.70
2d quarter	11,832	266.79	--	--	498	171.13	--	--	12,390	345.42	28,035	293.49
3d quarter	53,730	373.05	--	--	--	--	600	163.83	16,450	267.71	95,240	327.11
4th quarter	964	286.29	--	--	6	158.20	--	--	405	157.12	1,425	245.45
Total or average	106,445	312.17	--	--	3,201	192.51	600	163.83	61,050	416.06	210,528	326.80
1980:												
1st quarter	40,873	407.58	--	--	1,250	103.66	--	--	28,420	384.85	97,843	337.52
2d quarter	8,580	140.94	--	--	120	75.23	--	--	4,980	822.17	21,730	379.89
3d quarter	53,470	391.01	--	--	9,862	101.15	--	--	14,795	560.28	103,401	328.20
4th quarter	8,280	324.72	--	--	1,230	433.76	--	--	2,730	199.39	14,340	284.14
Total or average	111,203	372.87	--	--	12,462	133.98	--	--	50,925	468.64	237,314	333.61
1981:												
1st quarter	12,930	245.61	--	--	80	83.11	125	275.00	11,140	194.60	33,680	220.55
2d quarter	25,790	392.10	--	--	590	230.25	--	--	15,575	129.69	59,750	267.40
3d quarter	65,595	324.77	--	--	2,790	76.06	165	51.36	15,800	36.95	110,280	234.13
4th quarter	10,805	390.19	--	--	580	41.96	--	--	7,710	45.00	28,785	175.64
Total or average	115,120	337.10	--	--	4,040	93.82	290	147.76	50,225	101.91	232,495	233.47
1982:												
1st quarter	40,500	179.33	--	--	4,625	29.62	480	15.31	26,495	97.10	79,767	140.49
2d quarter	1,980	75.67	--	--	495	54.19	--	--	1,115	120.06	4,880	69.33
3d quarter	36,345	89.48	--	--	4,370	98.74	--	--	24,290	36.11	73,835	70.41
4th quarter	18,970	157.77	--	--	540	69.69	--	--	4,840	99.99	33,915	142.85
Total or average	97,795	139.66	--	--	10,030	63.10	480	15.31	56,740	71.69	192,397	12.21
1983:												
1st quarter	24,750	204.44	--	--	3,850	70.71	110	14.13	10,570	164.63	48,810	157.15
2d quarter	22,775	159.25	--	--	520	27.05	--	--	16,755	97.87	44,841	117.49
3d quarter	29,665	105.60	--	--	1,067	54.21	--	--	19,405	159.47	57,797	114.85
4th quarter	22,675	209.96	--	--	1,205	147.22	--	--	11,330	108.55	41,890	161.45
Total or average	99,865	166.02	--	--	6,642	78.52	110	14.13	58,060	132.70	193,338	137.05
1984:												
1st quarter	31,190	196.47	--	--	2,145	119.01	--	--	5,175	89.05	61,275	146.69
2d quarter	23,646	134.24	--	--	930	59.47	1,750	15.75	8,940	28.68	45,036	106.19
3d quarter	32,360	113.12	--	--	45	82.70	--	--	19,460	74.58	63,805	114.17
4th quarter	21,571	138.69	--	--	590	47.57	--	--	15,075	49.92	44,649	98.82
Total or average	108,767	146.97	--	--	3,710	92.28	1,750	15.75	48,650	60.04	214,765	118.58

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in National Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source--U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 4—Volume and average stumpage price of selected species on the Siskiyou National Forest of the Pacific Northwest Region, 1973-84**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				POINDEROSA AND JEFFREY PINES		WESTERN HETLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	6,100	24.39	--	--	--	--	40	2.00	--	--	6,320	25.05
2d quarter	116,925	113.35	--	--	--	--	2,120	45.35	2,800	8.43	153,135	125.20
3d quarter	5,710	125.81	--	--	--	--	70	91.66	--	--	7,342	113.04
4th quarter	73,250	121.63	--	--	--	--	755	42.53	830	34.96	91,953	159.99
Total or average	201,985	114.02	--	--	--	--	2,985	45.14	3,630	14.49	258,750	134.77
1974:												
1st quarter	5,739	205.46	--	--	--	--	130	74.11	70	17.46	7,656	227.66
2d quarter	83,860	192.26	--	--	900	46.62	1,620	36.84	940	9.32	107,625	226.96
3d quarter	11,724	116.92	--	--	20	112.45	50	79.62	190	39.49	14,878	116.75
4th quarter	67,796	127.12	--	--	--	--	643	19.23	3,530	286.13	88,229	125.18
Total or average	169,119	161.37	--	--	920	48.05	2,643	33.87	4,730	217.23	218,368	170.36
1975:												
1st quarter	5,430	185.14	--	--	--	--	20	2.24	--	--	7,440	161.05
2d quarter	70,125	141.06	--	--	130	12.30	1,100	4.93	2,850	208.00	90,285	178.09
3d quarter	14,625	144.50	--	--	--	--	90	24.52	320	81.19	18,670	188.09
4th quarter	61,880	126.68	--	--	--	--	940	16.18	1,400	17.74	76,950	120.71
Total or average	150,060	138.94	--	--	130	12.30	2,150	10.65	4,570	140.86	193,345	155.56
1976:												
1st quarter	10,916	121.36	--	--	430	20.55	123	58.11	--	--	17,484	267.96
2d quarter	61,950	150.41	--	--	--	--	880	18.29	2,930	20.22	87,140	166.60
3d quarter	25,240	142.70	--	--	--	--	240	67.68	260	23.40	32,905	152.18
4th quarter	14,021	144.38	--	--	95	135.00	--	--	300	21.95	18,840	128.55
Total or average	112,127	145.09	--	--	525	41.26	1,243	31.76	3,490	20.61	156,369	170.32
1977:												
1st quarter	47,790	212.88	--	--	1,000	113.01	1,750	104.11	355	66.95	63,540	198.00
2d quarter	17,730	170.05	--	--	480	55.17	10	2.00	--	--	28,740	120.78
3d quarter	49,450	229.48	--	--	850	90.06	1,130	39.95	1,840	293.65	70,490	239.33
4th quarter	18,865	195.08	--	--	210	102.16	400	48.44	150	93.46	23,365	183.28
Total or average	133,835	210.83	--	--	2,540	93.50	3,290	74.99	2,345	246.53	186,135	199.88
1978:												
1st quarter	52,470	264.95	--	--	--	--	890	57.79	860	280.75	66,990	252.24
2d quarter	14,860	259.31	--	--	20	134.05	440	153.86	280	59.56	19,670	255.08
3d quarter	77,620	217.93	--	--	290	139.85	1,200	35.35	1,690	20.96	93,070	265.87
4th quarter	7,941	319.14	--	--	--	--	240	6.99	20	59.65	9,445	285.06
Total or average	152,900	243.33	--	--	310	136.67	2,770	46.47	2,850	103.41	189,175	260.88
1979:												
1st quarter	55,536	331.81	--	--	--	--	1,330	49.67	740	54.88	69,390	429.61
2d quarter	14,850	386.96	--	--	--	--	450	48.00	--	--	18,240	403.68
3d quarter	76,530	450.02	--	--	421	67.11	1,490	35.81	5,130	371.33	102,700	481.45
4th quarter	7,534	462.22	--	--	10	105.62	50	49.32	500	121.34	9,328	403.42
Total or average	154,450	402.05	--	--	431	68.01	3,320	43.22	6,370	314.94	199,658	452.68
1980:												
1st quarter	67,739	735.53	--	--	--	--	1,150	55.43	240	26.10	84,249	705.34
2d quarter	31,955	580.38	--	--	1,290	11.31	--	--	2,040	39.09	44,365	445.04
3d quarter	65,680	588.35	--	--	320	49.27	130	17.00	60	33.03	83,538	493.96
4th quarter	46,610	590.48	--	--	190	71.58	1,900	19.34	305	23.59	56,720	651.48
Total or average	211,984	615.69	--	--	1,800	24.42	3,180	32.29	2,645	35.95	268,872	585.35
1981:												
1st quarter	53,458	584.80	--	--	--	--	960	18.12	140	9.15	63,662	523.91
2d quarter	30,470	481.51	--	--	--	--	780	22.27	350	17.07	38,628	426.51
3d quarter	53,130	213.01	--	--	--	--	1,760	21.28	2,280	166.12	68,678	208.37
4th quarter	25,815	166.91	--	--	160	50.27	2,250	25.46	2,210	19.39	38,620	218.23
Total or average	162,873	377.96	--	--	160	50.27	5,750	22.52	4,980	86.12	209,588	346.24
1982:												
1st quarter	21,948	122.84	--	--	40	131.13	40	6.02	230	38.72	25,923	133.89
2d quarter	35,067	79.20	--	--	50	20.16	960	23.08	430	14.39	44,546	97.43
3d quarter	48,550	86.02	--	--	60	38.96	540	23.78	3,110	45.28	60,083	103.97
4th quarter	53,725	98.31	--	--	--	--	530	11.89	10	6.00	63,332	105.22
Total or average	159,290	93.74	--	--	150	67.27	2,070	20.07	3,780	41.39	193,884	106.88
1983:												
1st quarter	33,305	205.84	--	--	110	45.98	1,460	8.92	200	11.92	40,870	182.95
2d quarter	37,750	133.89	--	--	860	24.16	40	33.38	530	12.76	49,450	122.69
3d quarter	36,560	167.95	--	--	150	102.11	2,300	12.86	880	42.49	45,527	162.97
4th quarter	16,110	161.83	--	--	290	48.12	490	24.10	--	--	20,700	194.58
Total or average	123,725	167.47	--	--	1,410	35.82	4,290	13.00	1,610	28.91	156,547	159.64
1984:												
1st quarter	25,394	94.22	--	--	60	47.93	250	33.67	830	42.89	31,523	103.12
2d quarter	11,765	54.28	--	--	10	50.36	506	9.94	130	11.27	16,680	254.51
3d quarter	44,320	66.76	--	--	--	--	65	8.50	705	18.39	53,275	74.64
4th quarter	26,540	76.58	--	--	480	123.42	790	15.78	690	28.82	37,510	77.49
Total or average	108,019	74.27	--	--	550	113.86	1,605	16.45	2,355	33.19	138,988	103.45

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in National Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source--U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 5—Volume and average stumpage price of selected species on the Siuslaw National Forest of the Pacific Northwest Region, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	29,610	109.15	--	--	--	--	10,319	72.21	--	--	47,853	85.15
2d quarter	101,782	133.73	--	--	--	--	22,710	133.12	--	--	143,191	121.71
3d quarter	19,824	146.59	--	--	--	--	629	89.91	--	--	22,341	134.43
4th quarter	66,018	148.38	--	--	--	--	9,081	99.34	--	--	85,563	128.05
Total or average	217,234	136.00	--	--	--	--	42,739	110.60	--	--	298,948	118.62
1974:												
1st quarter	42,548	168.52	--	--	--	--	4,636	134.37	--	--	55,340	150.60
2d quarter	93,036	233.74	--	--	--	--	21,289	163.51	--	--	128,043	204.02
3d quarter	11,731	268.17	--	--	--	--	3,242	85.10	--	--	15,812	222.11
4th quarter	104,818	125.36	--	--	--	--	18,028	53.64	--	--	136,570	107.29
Total or average	252,133	179.28	--	--	--	--	47,195	113.29	--	--	335,765	156.72
1975:												
1st quarter	560	116.35	--	--	--	--	810	28.17	--	--	2,890	76.32
2d quarter	119,302	94.82	--	--	--	--	9,719	106.66	--	--	148,290	89.42
3d quarter	39,527	141.37	--	--	--	--	7,282	46.60	--	--	58,130	115.30
4th quarter	98,457	172.66	--	--	--	--	22,760	152.09	--	--	135,118	156.05
Total or average	257,846	131.73	--	--	--	--	40,571	119.80	--	--	344,428	119.82
1976:												
1st quarter	14,692	189.94	--	--	--	--	--	--	--	--	16,058	175.52
2d quarter	94,403	172.10	--	--	--	--	9,100	103.50	--	--	116,890	153.20
3d quarter	21,100	144.70	--	--	--	--	664	29.82	--	--	23,132	135.00
4th quarter	25,530	227.26	--	--	--	--	5,310	174.24	--	--	32,840	207.50
Total or average	155,725	179.11	--	--	--	--	15,074	125.17	--	--	188,920	162.31
1977:												
1st quarter	76,857	246.75	--	--	--	--	10,450	103.63	--	--	102,075	210.33
2d quarter	61,475	240.42	--	--	--	--	3,490	67.41	--	--	72,268	212.98
3d quarter	52,628	245.14	--	--	--	--	11,710	283.78	--	--	71,574	236.43
4th quarter	40,602	261.08	--	--	--	--	5,681	131.89	--	--	51,389	226.42
Total or average	231,562	247.21	--	--	--	--	31,331	172.05	--	--	297,326	220.03
1978:												
1st quarter	104,572	254.04	--	--	--	--	13,178	171.26	--	--	134,933	222.94
2d quarter	54,680	257.49	--	--	--	--	5,530	153.86	--	--	68,640	230.45
3d quarter	94,515	295.30	--	--	--	--	9,790	114.67	--	--	111,512	263.55
4th quarter	16,335	252.21	--	--	--	--	7,237	160.41	--	--	24,811	219.25
Total or average	270,102	269.07	--	--	--	--	35,735	150.87	--	--	339,896	237.51
1979:												
1st quarter	79,741	338.92	--	--	--	--	10,776	197.75	--	--	99,559	298.31
2d quarter	44,410	394.38	--	--	--	--	3,470	237.13	--	--	54,253	347.69
3d quarter	151,138	476.47	--	--	--	--	28,382	272.12	--	--	192,473	422.78
4th quarter	24,814	447.17	--	--	--	--	9,050	368.09	--	--	36,961	399.43
Total or average	300,103	425.36	--	--	--	--	51,678	271.07	--	--	383,246	377.56
1980:												
1st quarter	90,218	468.10	--	--	--	--	16,000	338.69	--	--	117,017	427.43
2d quarter	48,200	453.05	--	--	--	--	4,150	205.41	--	--	54,521	419.59
3d quarter	160,070	448.08	--	--	--	--	11,139	210.38	--	--	183,744	413.71
4th quarter	30,430	481.26	--	--	--	--	1,200	55.96	--	--	32,403	456.67
Total or average	328,918	457.37	--	--	--	--	32,489	267.23	--	--	387,685	422.27
1981:												
1st quarter	164,660	444.38	--	--	--	--	16,986	187.79	--	--	192,240	403.16
2d quarter	71,746	378.44	--	--	--	--	12,322	140.47	--	--	94,133	327.58
3d quarter	64,699	312.77	--	--	--	--	13,711	185.39	100	54.51	88,186	272.74
4th quarter	75,268	236.19	--	--	--	--	4,302	53.47	--	--	84,905	214.65
Total or average	376,373	367.55	--	--	--	--	47,321	162.56	100	54.51	459,464	327.81
1982:												
1st quarter	84,360	132.20	--	--	--	--	8,671	26.50	--	--	100,769	117.48
2d quarter	38,514	85.94	--	--	--	--	7,800	30.33	--	--	48,586	76.35
3d quarter	101,920	119.41	--	--	--	--	18,650	21.04	--	--	133,194	70.42
4th quarter	63,290	100.53	--	--	--	--	10,540	70.96	--	--	81,495	91.21
Total or average	288,084	114.53	--	--	--	--	45,661	35.19	--	--	364,044	88.89
1983:												
1st quarter	118,891	168.04	--	--	--	--	14,160	84.68	--	--	150,423	145.39
2d quarter	55,931	169.09	--	--	--	--	9,320	114.63	--	--	70,127	151.61
3d quarter	49,228	124.96	--	--	--	--	5,330	38.27	--	--	62,375	106.88
4th quarter	48,216	147.33	--	--	--	--	3,060	63.55	100	43.97	55,930	133.35
Total or average	272,266	156.80	--	--	--	--	31,870	83.65	100	43.97	338,855	137.60
1984:												
1st quarter	82,871	173.78	--	--	--	--	17,712	89.85	--	--	109,600	151.00
2d quarter	52,585	132.15	--	--	--	--	5,750	74.94	--	--	61,398	123.19
3d quarter	45,520	101.91	--	--	--	--	2,670	58.38	--	--	57,458	85.97
4th quarter	71,022	109.14	--	--	--	--	3,720	41.85	--	--	84,976	100.72
Total or average	251,998	133.89	--	--	--	--	29,852	78.18	--	--	313,432	120.00

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

**Table 6—Volume and average stumpage price of selected species on the Umpqua National Forest of the Pacific Northwest Region, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	30,470	86.62	--	--	1,900	39.37	2,100	26.55	700	42.70	61,295	52.20
2d quarter	36,670	124.29	--	--	2,300	39.76	2,540	31.81	2,400	24.48	52,090	95.21
3d quarter	80,630	145.93	--	--	1,300	75.69	7,520	65.81	2,000	77.08	123,725	113.69
4th quarter	87,590	123.32	--	--	530	49.79	7,410	58.56	8,400	50.74	127,090	98.26
Total or average	235,360	126.47	--	--	6,030	48.27	19,570	54.44	13,500	49.56	364,200	95.31
1974:												
1st quarter	51,860	247.64	--	--	--	--	10,730	60.12	1,400	81.87	95,565	161.96
2d quarter	30,874	212.50	--	--	--	--	5,860	69.60	3,035	52.82	52,574	167.57
3d quarter	68,031	200.98	--	--	75	72.45	8,010	58.99	13,035	105.12	115,856	153.19
4th quarter	80,086	160.59	--	--	--	--	16,200	54.68	5,407	60.69	129,665	111.27
Total or average	230,851	198.99	--	--	75	72.45	40,800	59.10	22,877	86.26	393,660	143.43
1975:												
1st quarter	48,535	239.43	--	--	--	--	3,040	48.82	--	--	87,700	146.35
2d quarter	37,750	180.77	--	--	80	32.15	9,260	26.60	--	--	57,958	130.04
3d quarter	74,414	137.49	--	--	900	57.92	9,710	20.25	3,519	11.24	122,468	107.37
4th quarter	81,361	172.48	--	--	1,300	40.87	11,890	16.67	8,300	21.12	121,175	125.55
Total or average	242,060	174.95	--	--	2,280	47.29	33,900	23.29	11,819	18.18	389,309	125.19
1976:												
1st quarter	37,521	196.92	--	--	320	67.48	6,830	121.87	667	4.15	56,356	151.26
2d quarter	66,030	175.29	--	--	2,500	72.82	5,800	26.15	1,420	39.00	101,855	133.47
3d quarter	27,130	124.74	--	--	--	--	4,540	52.03	560	33.13	43,643	95.37
4th quarter	48,440	172.28	--	--	--	--	4,250	54.16	1,800	41.58	69,875	139.52
Total or average	179,121	171.35	--	--	2,820	72.21	21,420	67.71	4,447	34.07	271,729	132.60
1977:												
1st quarter	110,470	222.37	--	--	2,200	78.99	9,190	53.03	9,270	50.00	166,600	169.69
2d quarter	66,660	243.92	--	--	2,000	83.80	380	74.17	7,160	69.97	87,721	203.41
3d quarter	81,540	239.60	--	--	--	--	5,720	59.25	300	41.66	108,250	196.96
4th quarter	29,910	196.58	--	--	--	--	2,620	58.39	1,200	50.73	43,070	166.34
Total or average	288,580	229.54	--	--	4,200	81.28	17,910	56.25	17,930	57.88	405,641	194.35
1978:												
1st quarter	105,416	207.24	--	--	2,220	63.90	5,445	53.45	5,200	50.08	144,147	170.17
2d quarter	47,558	245.32	--	--	--	--	2,497	70.63	4,120	56.89	65,325	199.03
3d quarter	97,890	280.49	--	--	--	--	9,460	63.65	5,630	60.01	134,065	250.97
4th quarter	40,590	322.24	--	--	160	131.36	4,720	86.58	690	46.75	50,380	275.13
Total or average	291,454	254.07	--	--	2,380	68.43	23,122	66.24	15,640	55.30	393,917	215.88
1979:												
1st quarter	107,814	376.41	--	--	1,585	134.24	14,213	71.45	1,316	113.87	147,535	340.02
2d quarter	60,155	370.95	--	--	--	--	7,340	78.68	4,315	618.46	90,430	314.39
3d quarter	62,170	460.46	--	--	1,900	72.94	2,710	29.99	5,080	68.13	92,564	369.49
4th quarter	45,230	580.67	--	--	40	219.27	2,810	80.52	7,250	66.14	65,956	425.60
Total or average	275,369	428.07	--	--	3,526	102.17	27,073	70.20	17,961	202.89	396,485	342.64
1980:												
1st quarter	99,935	510.89	--	--	505	90.59	9,480	345.42	15,480	89.58	142,240	399.36
2d quarter	55,480	494.79	--	--	--	--	5,180	63.27	3,230	17.59	82,805	352.64
3d quarter	82,320	487.81	--	--	600	43.62	6,750	14.31	3,160	17.41	114,570	368.31
4th quarter	58,940	477.14	1,600	11.69	400	67.53	3,920	28.44	4,830	11.63	89,070	352.72
Total or average	296,675	494.77	1,600	11.69	1,505	68.42	25,330	150.43	26,700	24.92	428,685	372.35
1981:												
1st quarter	77,420	445.54	--	--	700	128.60	5,700	60.07	4,510	27.56	116,535	313.80
2d quarter	28,356	338.96	--	--	140	216.44	1,050	30.95	1,750	21.61	38,717	265.74
3d quarter	99,150	362.79	--	--	--	--	9,700	24.32	4,440	35.68	154,373	260.04
4th quarter	28,255	362.74	--	--	--	--	2,460	44.82	600	25.46	35,572	278.27
Total or average	233,181	387.36	--	--	840	143.24	18,910	38.13	11,300	29.72	345,197	283.13
1982:												
1st quarter	79,930	171.06	--	--	290	10.00	8,260	15.65	5,180	9.94	122,140	120.00
2d quarter	75,040	84.02	--	--	--	--	2,720	23.05	2,940	15.44	108,005	69.34
3d quarter	75,100	95.76	--	--	100	10.00	4,090	15.20	4,300	7.63	114,510	74.43
4th quarter	36,240	193.24	--	--	--	--	2,750	6.02	4,900	10.31	53,660	137.29
Total or average	266,310	128.32	--	--	390	10.00	17,820	15.19	17,320	10.41	398,315	95.49
1983:												
1st quarter	123,411	221.48	--	--	--	--	5,900	19.97	12,600	10.44	167,911	168.46
2d quarter	47,893	203.88	--	--	--	--	2,500	18.96	--	--	58,931	168.97
3d quarter	60,640	162.88	--	--	1,390	123.59	800	45.70	1,270	7.35	81,230	137.43
4th quarter	44,850	142.15	--	--	--	--	--	--	--	--	50,890	135.45
Total or average	276,794	192.74	--	--	1,390	123.59	9,200	21.93	13,870	10.16	358,962	156.84
1984:												
1st quarter	100,233	160.61	--	--	--	--	--	--	--	--	120,593	145.73
2d quarter	51,180	106.21	--	--	--	--	800	15.04	--	--	68,150	92.76
3d quarter	109,430	49.32	--	--	--	--	2,260	18.64	10,990	13.67	157,840	50.36
4th quarter	44,160	109.04	--	--	900	51.41	--	--	4,620	21.32	64,178	70.49
Total or average	305,003	102.78	--	--	900	51.41	3,060	17.85	15,600	15.51	410,761	80.62

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source--U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 7—Volume and average stumpage price of selected species on the Willamette National Forest of the Pacific Northwest Region, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
<b>1973:</b>												
1st quarter	48,920	153.38	--	--	--	--	17,365	93.58	650	4.28	78,060	119.31
2d quarter	106,036	146.71	--	--	--	--	24,640	68.27	10,830	159.23	174,460	112.71
3d quarter	43,520	173.00	--	--	--	--	11,710	74.61	--	--	67,720	127.25
4th quarter	143,010	177.55	--	--	--	--	20,760	65.49	20,490	57.22	215,490	135.12
Total or average	341,486	163.96	--	--	--	--	74,475	74.39	31,970	90.70	535,730	124.52
<b>1974:</b>												
1st quarter	56,621	244.51	--	--	7,200	65.05	--	--	9,600	143.09	87,801	185.04
2d quarter	247,063	295.69	--	--	--	--	73,130	133.58	2,407	52.26	375,840	224.87
3d quarter	64,181	273.02	--	--	--	--	20,440	48.52	1,600	78.76	108,721	176.08
4th quarter	172,930	219.02	--	--	--	--	53,170	56.81	3,330	58.23	301,340	139.88
Total or average	540,795	263.13	--	--	7,200	65.05	146,740	93.91	16,937	107.42	873,702	185.48
<b>1975:</b>												
1st quarter	35,880	238.27	--	--	--	--	11,030	19.78	--	--	70,520	139.64
2d quarter	170,820	246.71	--	--	1,500	26.74	46,530	54.73	4,500	6.40	287,990	157.73
3d quarter	61,732	282.85	--	--	--	--	9,680	24.47	--	--	94,060	191.52
4th quarter	182,585	243.35	--	--	1,700	41.29	50,040	66.82	3,450	27.38	293,630	165.84
Total or average	451,017	249.63	--	--	3,200	34.47	117,280	54.10	7,950	15.50	746,200	163.47
<b>1976:</b>												
1st quarter	68,670	270.78	--	--	--	--	8,420	33.36	5,600	31.62	120,050	162.52
2d quarter	190,915	222.54	--	--	--	--	59,905	60.28	3,770	9.12	320,940	147.78
3d quarter	49,196	175.79	--	--	--	--	14,560	34.84	--	--	84,175	117.74
4th quarter	58,400	222.93	--	--	--	--	18,700	135.48	--	--	100,900	163.78
Total or average	367,181	225.36	--	--	--	--	101,585	68.25	9,370	22.57	626,065	149.15
<b>1977:</b>												
1st quarter	208,723	279.47	--	--	--	--	60,800	100.90	2,470	154.01	352,128	194.35
2d quarter	90,260	270.40	--	--	--	--	24,263	103.01	200	27.25	139,110	197.17
3d quarter	91,270	237.48	--	--	--	--	21,826	65.77	4,010	21.76	137,869	170.79
4th quarter	44,430	290.58	--	--	100	21.10	4,150	66.44	--	--	61,210	230.12
Total or average	434,683	269.90	--	--	100	21.10	111,039	93.74	6,680	70.83	690,317	193.39
<b>1978:</b>												
1st quarter	87,394	316.93	--	--	13	194.15	30,645	66.86	400	26.07	143,512	213.50
2d quarter	103,680	263.12	--	--	20	183.47	29,655	103.54	1,200	16.71	164,815	191.30
3d quarter	252,639	320.26	--	--	420	131.65	54,624	72.42	942	52.01	378,074	235.05
4th quarter	29,690	321.44	--	--	--	--	7,930	213.31	435	41.34	46,480	233.42
Total or average	473,403	307.20	--	--	453	135.82	122,854	87.64	2,977	32.74	732,881	220.89
<b>1979:</b>												
1st quarter	193,414	385.94	--	--	--	--	31,864	114.55	300	50.00	283,936	287.29
2d quarter	96,492	478.22	--	--	--	--	22,611	100.07	910	66.07	145,909	350.25
3d quarter	195,351	452.46	--	--	590	107.62	70,448	182.46	2,400	90.90	319,418	339.43
4th quarter	28,672	345.40	--	--	--	--	6,493	70.38	--	--	45,308	240.50
Total or average	513,929	426.23	--	--	590	107.62	131,416	146.28	3,610	81.24	794,571	317.17
<b>1980:</b>												
1st quarter	223,143	496.60	--	--	--	--	51,570	109.65	14,370	62.21	357,265	338.35
2d quarter	127,629	366.30	--	--	--	--	19,650	230.10	2,256	24.64	194,842	281.00
3d quarter	95,625	435.31	--	--	--	--	25,265	77.60	1,730	40.98	163,888	281.77
4th quarter	85,489	511.23	--	--	--	--	9,960	39.31	--	--	135,165	342.05
Total or average	531,886	456.67	--	--	--	--	106,445	117.70	18,356	55.59	851,160	314.91
<b>1981:</b>												
1st quarter	196,469	493.53	--	--	--	--	30,361	117.61	90	104.96	290,440	349.46
2d quarter	59,265	354.77	--	--	--	--	13,825	140.15	1,195	177.97	95,462	253.22
3d quarter	170,633	395.95	--	--	600	38.04	32,350	20.40	2,611	60.38	272,395	239.98
4th quarter	28,041	268.58	--	--	--	--	8,650	54.33	720	19.06	43,691	191.82
Total or average	454,408	411.39	--	--	600	38.04	85,186	77.93	4,616	85.25	701,988	284.00
<b>1982:</b>												
1st quarter	130,735	176.69	--	--	--	--	34,340	32.68	1,760	38.42	218,886	121.16
2d quarter	123,220	124.03	--	--	--	--	16,410	13.36	2,160	10.46	188,055	93.50
3d quarter	154,710	127.06	--	--	--	--	28,580	47.53	530	10.20	269,840	88.04
4th quarter	104,120	146.11	--	--	--	--	23,580	85.58	540	226.67	168,950	109.11
Total or average	512,785	142.86	--	--	--	--	102,910	45.84	4,990	43.69	845,731	102.04
<b>1983:</b>												
1st quarter	179,580	193.90	--	--	500	34.13	30,760	13.10	8,660	19.68	301,018	119.98
2d quarter	66,320	147.59	--	--	--	--	10,730	84.17	1,440	23.79	103,322	111.70
3d quarter	84,610	194.59	--	--	1,300	137.97	19,690	33.75	940	59.40	138,995	130.50
4th quarter	91,215	172.10	--	--	--	--	17,840	48.31	2,300	11.05	149,255	119.77
Total or average	421,725	182.04	--	--	1,800	109.13	79,020	35.84	13,340	21.44	692,590	120.81
<b>1984:</b>												
1st quarter	128,986	170.66	--	--	300	234.72	27,715	33.94	360	12.62	214,576	116.06
2d quarter	46,665	150.85	--	--	500	286.01	10,107	40.82	680	15.83	78,897	108.04
3d quarter	245,407	118.84	--	--	--	--	37,688	54.78	4,830	27.19	354,229	93.07
4th quarter	75,230	123.86	--	--	--	--	14,870	29.54	800	22.59	116,480	89.39
Total or average	496,288	136.08	--	--	800	266.78	90,380	42.68	6,670	24.69	764,182	100.51

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 8—Volume and average stumpage price of selected species on the National Forests of western Oregon, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				POUDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIR <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	140,502	110.28	300	45.55	2,951	47.84	37,774	80.54	22,895	46.63	269,372	78.05
2d quarter	491,286	131.03	--	--	5,285	40.04	93,032	85.37	26,715	85.18	751,507	110.52
3d quarter	224,376	146.33	5,100	65.95	14,695	78.52	44,169	78.99	11,495	73.15	371,130	116.69
4th quarter	455,624	149.22	10,990	118.83	8,225	77.88	72,521	110.63	53,359	62.55	701,666	127.95
Total or average	1,311,788	137.24	16,390	101.04	32,156	68.02	247,496	90.90	114,464	65.71	2,093,675	113.28
1974:												
1st quarter	180,222	221.11	18,700	147.07	15,883	79.67	23,476	94.70	29,195	114.34	338,947	157.73
2d quarter	520,672	256.55	8,800	162.56	15,378	187.01	110,869	131.87	11,849	44.97	813,296	209.82
3d quarter	183,211	230.51	7,850	184.23	1,655	85.80	43,112	87.70	15,838	101.32	311,767	168.84
4th quarter	491,361	166.29	28,925	121.08	11,655	59.16	99,981	55.25	48,781	62.22	840,065	117.54
Total or average	1,375,466	216.20	64,275	142.03	44,571	111.57	277,438	94.25	105,663	80.55	2,304,075	162.97
1975:												
1st quarter	137,976	211.85	1,230	70.00	--	--	30,020	59.54	--	--	252,056	137.71
2d quarter	526,195	170.85	21,660	125.96	12,954	64.67	114,372	52.46	35,028	71.90	879,696	129.47
3d quarter	237,253	181.67	5,350	27.05	5,840	19.79	39,675	34.57	21,569	36.15	405,119	127.92
4th quarter	516,176	189.30	26,380	64.34	10,584	37.50	119,345	76.14	51,322	52.64	860,498	140.02
Total or average	1,417,600	183.37	54,620	85.25	29,378	45.87	303,412	89.70	107,919	55.60	2,397,369	133.86
1976:												
1st quarter	143,179	221.95	980	46.35	2,285	89.14	20,398	85.70	8,240	32.47	233,387	163.86
2d quarter	497,903	188.96	10,200	110.52	5,366	62.17	105,535	75.13	33,915	62.08	827,155	142.99
3d quarter	156,699	141.97	2,400	95.62	5,629	107.19	41,449	34.16	10,834	85.81	283,581	106.74
4th quarter	159,902	199.28	250	41.71	305	116.72	32,760	128.39	3,550	53.69	248,013	160.57
Total or average	957,683	187.93	13,830	102.15	13,585	86.59	200,142	76.71	56,539	61.79	1,592,136	142.33
1977:												
1st quarter	517,937	245.59	16,100	224.13	14,150	91.66	110,250	108.39	43,008	110.08	887,922	181.06
2d quarter	317,700	239.02	5,500	87.80	4,110	100.07	49,448	106.11	18,920	83.62	406,823	188.00
3d quarter	326,958	230.07	10,620	79.59	9,900	70.32	57,166	115.42	30,570	127.02	513,800	185.67
4th quarter	140,705	245.95	--	--	1,310	85.79	12,882	93.08	5,520	107.81	193,028	207.63
Total or average	1,303,300	240.56	32,220	153.22	29,470	85.40	229,746	109.79	98,018	109.90	2,081,573	186.29
1978:												
1st quarter	450,284	251.91	17,506	184.52	9,599	115.00	88,692	109.22	26,455	92.08	704,651	197.58
2d quarter	250,195	253.78	11,830	105.99	4,759	155.68	41,702	108.84	15,485	139.38	396,612	199.33
3d quarter	619,807	274.74	5,051	62.64	4,347	167.75	121,129	126.62	45,121	124.05	944,853	225.86
4th quarter	115,328	298.70	2,530	75.57	4,920	151.48	34,077	177.04	6,622	143.11	182,549	234.41
Total or average	1,435,614	265.85	36,917	135.21	23,625	140.50	285,600	124.64	93,683	118.90	2,228,665	212.90
1979:												
1st quarter	560,730	358.24	18,130	202.53	4,283	173.47	98,043	144.68	37,161	463.98	850,629	303.71
2d quarter	255,076	411.77	17,410	174.80	6,371	179.08	57,661	125.71	26,816	284.70	432,089	310.75
3d quarter	597,662	448.37	4,574	213.69	4,318	106.19	137,785	221.67	37,045	223.85	912,836	374.35
4th quarter	139,645	495.79	4,700	389.97	2,256	189.60	23,717	185.71	10,555	79.94	219,743	369.19
Total or average	1,554,113	414.11	44,814	212.55	17,228	160.79	317,206	177.74	111,577	304.86	2,415,297	337.63
1980:												
1st quarter	588,202	498.21	6,880	175.11	7,405	97.33	106,743	197.21	66,885	204.29	928,103	386.95
2d quarter	317,595	373.47	3,250	14.38	1,410	16.75	55,698	294.51	22,318	299.94	493,486	320.43
3d quarter	503,060	440.84	8,470	135.65	10,782	96.41	80,924	218.45	28,975	350.76	767,117	367.72
4th quarter	266,754	504.40	3,267	19.81	3,420	366.58	29,981	35.47	7,920	77.94	388,569	397.70
Total or average	1,675,611	462.14	21,867	112.73	23,017	132.27	273,346	205.59	126,098	246.94	2,577,275	363.86
1981:												
1st quarter	545,007	472.55	13,700	315.91	2,880	43.38	76,672	134.26	21,740	142.00	795,878	358.91
2d quarter	252,445	373.47	7,170	245.92	1,060	167.76	46,661	134.82	21,008	111.90	403,859	282.91
3d quarter	545,252	319.43	3,160	56.71	6,240	276.58	95,456	118.44	38,057	48.75	803,074	233.34
4th quarter	188,041	281.09	7,300	27.96	8,140	190.08	23,042	45.51	20,218	51.41	289,118	215.44
Total or average	1,530,745	378.15	31,330	206.66	18,320	195.19	241,831	119.67	101,023	82.48	2,371,929	281.73
1982:												
1st quarter	416,403	161.87	990	46.72	7,335	34.24	70,178	27.69	36,715	79.48	645,529	121.00
2d quarter	312,868	98.27	9,700	10.47	2,845	18.25	43,218	26.01	6,645	31.31	468,136	79.89
3d quarter	492,615	107.39	2,190	84.30	4,730	92.49	85,414	41.40	44,013	28.89	799,702	77.66
4th quarter	287,585	129.57	12,900	30.44	1,100	48.30	49,550	60.65	13,370	52.99	452,654	101.74
Total or average	1,509,471	124.75	25,780	28.13	16,010	49.58	248,360	38.69	100,743	50.69	2,366,021	94.54
1983:												
1st quarter	576,892	197.91	4,120	27.70	5,940	53.09	95,025	51.14	32,240	63.46	899,481	139.11
2d quarter	208,138	166.50	1,150	21.91	2,470	55.25	30,830	98.11	20,035	84.11	368,625	134.09
3d quarter	288,955	161.59	11,400	49.78	4,907	90.62	47,135	60.04	32,775	102.67	468,513	124.05
4th quarter	256,484	160.52	6,350	38.53	6,655	97.42	36,047	103.97	21,760	70.44	399,518	129.32
Total or average	1,376,629	177.52	23,020	41.33	19,972	77.35	209,037	69.18	106,810	80.79	2,136,137	133.33
1984:												
1st quarter	422,900	163.59	4,300	31.28	6,425	77.07	82,090	66.73	10,575	63.81	668,824	127.68
2d quarter	208,138	125.98	9,680	78.73	3,040	73.12	33,048	61.89	11,990	27.32	333,677	112.88
3d quarter	526,615	92.55	8,500	26.17	3,645	37.31	63,913	64.51	36,485	48.30	790,344	83.46
4th quarter	257,518	108.35	4,855	105.42	2,440	63.56	35,705	28.44	23,645	39.26	407,543	83.06
Total or average	1,415,371	123.80	27,335	59.65	15,550	64.86	215,756	66.43	82,595	45.32	2,193,388	101.35

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 9—Volume and average stumpage price of selected species on the Gifford Pinchot National Forest of the Pacific Northwest Region, 1973-84<sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	27,370	161.05	--	--	--	--	24,590	187.47	8,280	179.79	73,380	152.24
2d quarter	58,145	155.81	--	--	--	--	14,345	101.81	2,500	63.19	102,889	129.98
3d quarter	43,970	158.84	--	--	--	--	21,990	158.17	10,222	221.51	96,480	134.81
4th quarter	44,538	186.83	--	--	--	--	33,635	135.83	7,410	118.53	105,517	133.11
Total or average	174,023	165.34	--	--	--	--	94,560	149.29	28,412	168.56	378,266	136.40
1974:												
1st quarter	34,790	117.26	--	--	--	--	15,740	99.64	7,070	153.66	62,710	131.22
2d quarter	73,430	232.25	--	--	--	--	42,850	191.05	33,710	191.56	180,675	182.43
3d quarter	24,458	173.61	--	--	600	3.19	15,690	336.97	4,127	92.12	51,954	194.24
4th quarter	115,925	124.89	--	--	1,600	126.50	31,010	140.32	39,130	123.74	216,235	117.00
Total or average	248,603	160.35	--	--	2,200	92.87	105,290	184.34	84,037	151.91	511,574	146.69
1975:												
1st quarter	41,440	152.96	--	--	--	--	4,570	17.74	--	--	59,280	111.56
2d quarter	99,407	157.61	--	--	--	--	34,535	128.55	16,706	77.18	184,143	126.50
3d quarter	26,809	237.96	--	--	1,100	44.55	7,200	114.48	4,310	101.09	48,622	164.72
4th quarter	69,300	190.33	--	--	4,400	34.70	43,800	118.16	15,100	135.03	147,790	141.18
Total or average	236,956	175.45	--	--	5,500	36.67	90,105	116.76	36,116	104.22	439,835	133.65
1976:												
1st quarter	12,400	159.12	--	--	--	--	2,780	163.46	2,230	111.54	20,550	136.49
2d quarter	92,422	150.52	--	--	1,400	50.51	65,593	132.71	26,340	61.45	219,530	115.10
3d quarter	15,270	141.40	--	--	--	--	6,200	62.09	--	--	25,903	108.02
4th quarter	48,960	184.36	--	--	--	--	23,950	80.27	7,500	110.33	89,313	133.67
Total or average	169,052	160.13	--	--	1,400	50.51	98,523	116.38	36,070	74.71	355,296	120.49
1977:												
1st quarter	30,740	217.04	--	--	--	--	17,920	111.76	12,500	115.08	87,080	131.51
2d quarter	99,980	185.13	--	--	--	--	16,520	85.36	22,830	67.64	106,405	121.64
3d quarter	94,020	180.58	--	--	2,800	94.71	66,630	111.34	26,460	69.86	223,619	127.25
4th quarter	21,600	195.97	--	--	400	89.42	11,000	70.28	5,650	100.88	44,080	132.37
Total or average	196,340	189.14	--	--	3,200	94.05	112,070	103.54	67,460	80.09	461,184	127.25
1978:												
1st quarter	14,158	224.35	--	--	--	--	10,760	135.67	--	--	29,218	165.58
2d quarter	55,035	199.01	--	--	5,600	175.00	17,760	82.43	14,010	77.31	119,305	134.20
3d quarter	131,160	181.08	--	--	3,200	246.73	43,030	282.03	75,800	105.93	295,670	159.36
4th quarter	15,130	285.93	--	--	--	--	14,520	115.92	1,200	58.28	34,210	180.18
Total or average	215,483	195.87	--	--	8,800	200.97	86,070	194.55	91,010	100.90	478,403	154.96
1979:												
1st quarter	67,460	315.12	--	--	1,000	296.00	36,830	215.41	40,000	183.49	167,220	224.86
2d quarter	30,140	281.47	--	--	500	103.40	21,340	298.76	15,280	195.74	79,265	231.55
3d quarter	114,587	433.03	--	--	3,300	272.17	51,131	418.86	30,660	346.95	242,994	352.13
4th quarter	14,727	344.76	--	--	--	--	6,265	471.10	780	198.36	25,587	325.79
Total or average	227,194	372.22	--	--	4,800	280.39	115,566	334.68	86,720	243.57	515,066	290.95
1980:												
1st quarter	29,220	376.01	--	--	1,400	88.94	12,120	214.02	7,800	226.49	60,150	273.45
2d quarter	43,160	336.67	--	--	--	--	32,221	337.22	6,900	342.30	97,290	291.05
3d quarter	82,216	303.28	--	--	--	--	42,160	432.16	15,870	64.25	138,809	272.51
4th quarter	56,180	257.81	--	--	--	--	20,870	203.49	23,000	249.32	115,989	213.36
Total or average	210,776	308.08	--	--	1,400	88.94	107,371	334.60	53,570	203.15	412,238	260.38
1981:												
1st quarter	18,900	582.42	--	--	--	--	2,200	27.80	6,600	12.58	29,670	378.09
2d quarter	39,377	170.32	--	--	--	--	32,260	374.97	6,100	55.32	86,807	226.19
3d quarter	213,035	226.55	--	--	--	--	139,765	198.60	34,165	159.07	439,526	188.55
4th quarter	25,150	139.95	--	--	--	--	29,410	101.00	3,840	147.10	71,145	101.32
Total or average	296,462	234.42	--	--	--	--	203,635	210.60	50,705	126.62	627,148	192.83
1982:												
1st quarter	56,670	123.90	--	--	--	--	84,510	44.00	--	--	176,330	64.72
2d quarter	31,790	114.83	--	--	15,080	20.09	--	--	270	6.83	61,764	67.80
3d quarter	49,754	54.70	--	--	--	--	44,830	49.16	740	99.96	111,039	48.07
4th quarter	59,010	171.80	--	--	--	--	25,680	105.06	4,450	18.75	105,630	124.10
Total or average	197,224	119.31	--	--	15,080	20.09	155,020	55.61	5,460	29.17	454,763	74.87
1983:												
1st quarter	45,050	116.43	--	--	--	--	17,800	90.65	24,315	92.27	101,545	112.84
2d quarter	67,290	143.18	--	--	--	--	13,750	49.96	19,085	81.11	115,155	107.04
3d quarter	40,881	113.83	--	--	--	--	11,630	55.24	36,690	57.15	104,881	71.24
4th quarter	64,534	158.46	--	--	--	--	10,253	56.35	16,060	103.94	103,814	125.71
Total or average	217,755	147.01	--	--	--	--	53,433	65.89	96,150	78.61	425,395	104.15
1984:												
1st quarter	51,530	87.98	--	--	--	--	5,890	36.15	14,920	64.06	82,660	69.97
2d quarter	38,345	130.06	--	--	--	--	18,813	89.94	11,300	76.43	79,423	98.06
3d quarter	58,310	100.03	--	--	--	--	31,360	46.72	9,600	93.06	116,919	76.49
4th quarter	59,015	119.91	--	--	--	--	40,885	71.74	12,395	26.49	125,570	86.21
Total or average	207,200	108.25	--	--	--	--	96,948	64.27	48,215	63.07	404,572	82.35

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source--U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 10—Volume and average stumpage price of selected species on the Mount Baker-Snoqualmie National Forest of the Pacific Northwest Region, 1973-84<sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
<b>1973:<sup>3/</sup></b>												
1st quarter	11,050	99.23	9,600	41.15	6,360	125.26	28,390	125.89	6,400	127.75	72,045	97.92
2d quarter	19,758	176.93	11,440	65.46	7,060	70.55	34,155	105.37	29,480	74.52	124,217	88.81
3d quarter	10,305	114.74	4,060	76.96	3,120	94.51	56,405	119.99	8,180	120.55	99,695	99.42
4th quarter	7,865	141.75	1,000	63.27	8,200	92.60	23,120	116.19	10,105	114.59	61,175	95.95
Total or average	49,778	140.00	26,100	58.23	24,740	94.95	142,070	117.04	53,165	90.52	357,932	94.84
<b>1974:<sup>3/</sup></b>												
1st quarter	5,425	153.30	6,700	76.61	6,600	71.68	16,485	119.46	4,436	139.92	50,166	96.23
2d quarter	15,640	212.42	9,650	81.58	6,120	81.25	71,935	135.22	8,255	57.06	140,850	111.49
3d quarter	15,251	184.93	2,350	69.44	1,200	93.97	24,312	127.80	2,450	63.12	50,184	113.24
4th quarter	15,354	164.57	--	--	150	106.96	37,728	121.56	10,298	177.04	83,212	117.94
Total or average	51,670	183.88	18,700	80.66	14,070	78.26	150,460	128.93	25,439	120.66	324,412	111.05
<b>1975:</b>												
1st quarter	835	194.49	--	--	--	--	7,165	82.98	--	--	16,245	79.50
2d quarter	22,835	110.69	--	--	--	--	77,930	93.86	4,345	108.07	139,612	85.91
3d quarter	24,754	117.32	--	--	--	--	24,480	65.14	240	55.00	84,795	86.06
4th quarter	16,393	132.16	--	--	--	--	39,457	75.40	850	21.25	69,613	80.30
Total or average	64,817	119.73	--	--	--	--	149,032	83.73	5,435	92.15	310,265	84.36
<b>1976:</b>												
1st quarter	7,490	140.34	--	--	--	--	24,340	88.09	3,260	92.70	45,470	81.36
2d quarter	14,337	93.66	--	--	--	--	46,541	41.86	7,700	60.60	86,073	56.27
3d quarter	5,225	139.85	--	--	--	--	19,200	73.83	13,760	64.09	56,680	72.30
4th quarter	7,380	119.40	--	--	--	--	13,790	66.66	--	--	25,742	83.79
Total or average	34,432	116.34	--	--	--	--	103,871	61.91	24,720	66.79	213,965	69.16
<b>1977:</b>												
1st quarter	24,915	142.99	--	--	60,990	79.38	--	--	480	68.25	101,379	93.16
2d quarter	18,435	149.18	--	--	--	--	68,685	75.48	6,520	73.99	108,775	88.81
3d quarter	8,076	185.54	--	--	--	--	42,384	69.83	980	65.10	64,509	107.11
4th quarter	9,100	80.08	--	--	--	--	18,300	80.91	1,700	17.63	35,912	71.51
Total or average	60,526	141.09	--	--	60,990	79.38	129,369	74.40	9,680	62.91	310,575	92.03
<b>1978:</b>												
1st quarter	13,020	218.02	--	--	--	--	28,163	84.81	2,100	62.07	55,640	137.12
2d quarter	4,570	166.29	--	--	--	--	1,320	63.41	1,250	73.64	23,925	102.00
3d quarter	42,500	283.71	--	--	--	--	63,030	98.74	48,610	78.54	167,937	133.82
4th quarter	13,881	252.85	--	--	--	--	4,990	104.61	940	53.55	32,391	166.79
Total or average	73,971	259.10	--	--	--	--	97,503	102.04	52,900	77.33	279,894	135.57
<b>1979:</b>												
1st quarter	14,840	407.13	--	--	--	--	46,674	153.74	280	51.00	75,563	210.53
2d quarter	7,149	261.81	--	--	--	--	39,373	136.15	8,360	102.63	69,290	148.29
3d quarter	27,912	374.77	--	--	--	--	70,388	276.38	27,400	234.34	140,567	277.33
4th quarter	3,795	287.02	--	--	--	--	769	179.63	2,135	160.02	17,416	220.76
Total or average	53,696	362.47	--	--	--	--	157,204	204.37	38,175	199.99	302,836	227.88
<b>1980:</b>												
1st quarter	31,666	358.47	--	--	--	--	68,679	225.30	5,340	183.84	134,223	227.51
2d quarter	31,299	417.04	--	--	--	--	30,902	199.47	24,150	179.37	98,703	260.72
3d quarter	11,135	372.21	--	--	--	--	22,086	180.27	1,930	123.19	49,316	221.30
4th quarter	2,360	266.44	--	--	1,000	150.00	13,630	202.04	7,180	161.84	35,793	184.15
Total or average	76,460	381.60	--	--	1,000	150.00	135,297	209.70	38,600	173.92	318,035	231.89
<b>1981:</b>												
1st quarter	20,300	358.33	--	--	--	--	24,601	228.38	28,660	158.68	91,856	211.67
2d quarter	12,500	269.09	--	--	--	--	39,504	127.71	6,325	139.29	57,962	191.43
3d quarter	27,975	220.71	--	--	--	--	52,378	166.60	7,850	148.82	125,420	170.63
4th quarter	7,160	199.43	--	--	--	--	4,270	83.10	3,710	46.90	21,945	110.70
Total or average	67,935	268.49	--	--	--	--	111,753	190.96	46,545	145.47	297,183	182.94
<b>1982:</b>												
1st quarter	21,549	94.98	--	--	3,000	16.64	28,429	81.64	26,515	102.07	104,289	83.17
2d quarter	11,460	100.34	--	--	9,790	74.26	6,384	52.22	8,480	34.04	42,230	65.29
3d quarter	13,130	58.91	--	--	--	--	44,208	40.63	31,055	36.38	113,445	37.94
4th quarter	8,580	77.77	--	--	--	--	8,320	113.35	3,600	104.60	28,205	85.74
Total or average	54,719	84.75	--	--	12,790	60.75	87,341	61.75	69,650	64.63	288,169	63.00
<b>1983:</b>												
1st quarter	9,370	104.91	--	--	--	--	30,893	52.63	11,200	86.55	70,810	57.24
2d quarter	17,835	67.54	--	--	--	--	39,531	67.19	13,410	133.81	88,278	75.51
3d quarter	7,796	96.14	--	--	--	--	16,256	93.03	7,945	65.88	42,481	84.42
4th quarter	15,315	81.19	--	--	--	--	10,745	64.02	17,760	78.22	52,940	68.94
Total or average	50,316	78.90	--	--	--	--	97,425	66.53	50,315	92.96	254,509	70.55
<b>1984:</b>												
1st quarter	20,245	113.46	--	--	--	--	28,217	75.50	15,060	42.95	89,575	86.94
2d quarter	10,165	136.72	--	--	--	--	22,526	50.46	15,365	52.23	61,000	65.42
3d quarter	15,725	100.58	--	--	--	--	36,200	50.96	24,630	20.18	107,224	54.34
4th quarter	12,180	46.92	--	--	--	--	12,160	17.27	12,900	34.37	48,330	31.00
Total or average	62,315	100.17	--	--	--	--	99,103	53.70	67,955	35.17	305,129	62.40

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

<sup>3/</sup>Mount Baker National Forest combined with the Snoqualmie National Forest July 1 1974; however, for this report, the statistics have been combined for all of 1973 and the first 6 months of 1974.

Source--U.S. Department of Agriculture, Pacific Northwest Region includes Oregon and Washington.

**Table 11—Volume and average stumpage price of selected species on the Olympic National Forest of the Pacific Northwest Region, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	23,010	69.07	--	--	--	--	37,100	63.47	2,200	22.10	66,595	63.06
2d quarter	15,180	88.73	--	--	--	--	67,440	68.10	6,400	32.20	110,341	65.97
3d quarter	3,500	69.56	--	--	--	--	17,200	70.94	--	--	23,455	67.28
4th quarter	9,930	190.18	--	--	--	--	38,455	113.26	--	--	64,080	124.80
Total or average	51,620	98.18	--	--	--	--	160,195	78.17	8,600	29.61	264,471	79.61
1974:												
1st quarter	1,478	87.82	--	--	--	--	12,490	74.64	--	--	16,653	71.52
2d quarter	28,686	85.09	--	--	--	--	62,090	79.95	7,580	61.73	112,086	76.02
3d quarter	3,362	130.73	--	--	--	--	17,844	110.01	--	--	22,988	111.37
4th quarter	31,015	93.91	--	--	--	--	59,025	61.44	245	10.40	91,062	78.68
Total or average	64,541	91.77	--	--	--	--	151,449	75.84	7,825	60.12	242,791	80.06
1975:												
1st quarter	69,810	47.32	--	--	--	--	49,120	17.83	--	--	142,800	33.08
2d quarter	27,145	38.76	--	--	--	--	44,585	48.83	8,000	2.00	95,742	39.73
3d quarter	12,400	10.82	--	--	--	--	21,700	75.69	1,300	81.07	41,676	79.50
4th quarter	33,370	74.74	--	--	--	--	68,383	35.52	--	--	110,703	46.95
Total or average	142,725	57.39	--	--	--	--	183,788	38.76	9,300	13.05	390,921	43.58
1976:												
1st quarter	9,100	93.75	--	--	--	--	11,388	57.85	--	--	23,603	64.79
2d quarter	59,128	101.64	--	--	--	--	74,342	45.04	4,500	8.43	152,349	65.26
3d quarter	18,085	141.78	--	--	--	--	55,515	100.93	--	--	83,293	103.12
4th quarter	19,290	134.46	--	--	--	--	26,310	64.54	--	--	48,697	93.36
Total or average	105,603	113.83	--	--	--	--	167,555	67.49	4,500	8.43	307,942	79.91
1977:												
1st quarter	31,335	128.97	--	--	--	--	48,510	50.81	--	--	99,730	75.29
2d quarter	14,402	142.24	--	--	--	--	15,567	59.68	--	--	33,319	102.24
3d quarter	45,220	140.65	--	--	--	--	67,307	58.04	8,250	36.50	143,519	87.64
4th quarter	12,509	168.85	--	--	--	--	9,786	98.21	--	--	35,729	93.95
Total or average	103,466	140.74	--	--	--	--	141,170	58.52	8,250	36.50	312,297	85.97
1978:												
1st quarter	8,553	173.65	--	--	--	--	59,364	73.59	13,000	110.79	92,438	102.66
2d quarter	26,700	150.32	--	--	--	--	37,052	60.07	5,800	24.28	78,651	92.15
3d quarter	57,430	101.64	--	--	--	--	83,600	70.56	10,500	89.13	160,137	85.41
4th quarter	457	227.97	--	--	--	--	720	118.82	--	--	1,677	155.04
Total or average	93,140	123.21	--	--	--	--	180,736	69.60	29,300	85.90	332,903	92.14
1979:												
1st quarter	26,120	170.15	--	--	--	--	88,989	132.41	6,900	118.50	135,175	135.93
2d quarter	10,519	249.54	--	--	--	--	42,983	140.71	4,290	27.57	62,600	146.64
3d quarter	47,962	122.30	--	--	--	--	56,683	147.02	27,550	70.31	155,037	124.68
4th quarter	20,530	226.56	--	--	--	--	19,330	185.00	30	20.54	42,540	199.42
Total or average	105,131	167.28	--	--	--	--	207,985	143.00	38,770	74.12	395,352	140.05
1980:												
1st quarter	3,980	181.17	--	--	--	--	9,900	162.87	2,190	68.28	20,878	166.87
2d quarter	40,130	325.25	--	--	--	--	53,350	119.64	22,000	146.46	137,070	150.16
3d quarter	49,000	81.73	--	--	--	--	67,450	138.18	37,370	216.84	177,418	115.58
4th quarter	4,305	172.70	--	--	--	--	18,195	261.88	--	--	31,482	232.96
Total or average	97,415	148.93	--	--	--	--	148,895	148.29	61,560	165.27	366,848	141.49
1981:												
1st quarter	25,135	270.29	--	--	--	--	41,345	242.38	2,000	65.56	77,915	221.42
2d quarter	1,078	126.25	--	--	--	--	4,890	143.70	2,290	138.83	12,958	139.79
3d quarter	33,880	226.68	--	--	--	--	96,490	135.90	32,538	117.61	170,450	157.42
4th quarter	2,923	94.31	--	--	--	--	4,450	37.52	470	48.77	8,693	57.02
Total or average	63,016	236.21	--	--	--	--	147,175	163.10	37,298	115.23	270,016	171.81
1982:												
1st quarter	10,740	122.14	--	--	--	--	17,080	91.81	3,510	82.80	41,930	80.70
2d quarter	20,300	60.12	--	--	480	15.10	53,640	27.69	8,255	50.60	95,040	35.01
3d quarter	22,240	38.05	--	--	--	--	55,290	21.24	38,750	12.31	127,950	21.09
4th quarter	8,135	117.57	--	--	--	--	12,865	10.82	4,550	10.49	39,720	79.78
Total or average	61,415	70.58	--	--	480	15.10	138,875	31.45	55,065	20.16	304,640	41.60
1983:												
1st quarter	46,930	26.79	--	--	--	--	79,970	43.98	--	--	155,480	33.09
2d quarter	17,310	97.56	--	--	--	--	53,680	64.40	2,900	159.44	93,857	76.36
3d quarter	48,100	76.61	--	--	--	--	33,090	58.00	7,650	68.39	139,250	47.79
4th quarter	10,400	107.52	--	--	800	97.18	16,290	76.71	17,300	21.54	56,190	69.47
Total or average	122,740	63.16	--	--	800	97.18	183,030	55.71	28,050	48.91	444,777	51.64
1984:												
1st quarter	10,416	106.72	--	--	--	--	27,084	41.80	3,760	41.39	58,904	61.98
2d quarter	3,700	34.71	--	--	--	--	13,420	40.00	21,530	13.05	48,452	28.01
3d quarter	34,290	32.35	--	--	--	--	49,920	18.50	7,250	9.18	106,910	25.75
4th quarter	3,220	73.50	--	--	--	--	14,290	28.75	40	36.50	19,502	42.18
Total or average	51,626	50.09	--	--	--	--	104,714	28.68	32,580	15.55	233,768	36.72

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 12—Volume and average stumpage price of selected species on the National Forests of western Washington, 1973-84<sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	62,230	115.27	9,600	41.15	6,360	125.26	90,080	116.99	16,880	139.51	212,820	105.74
2d quarter	93,083	149.35	11,440	65.46	7,060	70.55	115,940	83.25	37,380	66.51	337,447	93.90
3d quarter	57,775	145.57	4,060	76.96	3,120	94.51	95,595	119.95	18,402	176.63	219,630	111.54
4th quarter	62,333	181.68	1,000	63.27	8,200	92.60	95,210	121.95	17,515	116.25	230,772	120.95
Total or average	275,421	148.17	26,100	58.23	24,740	94.95	396,825	109.04	90,177	112.31	1,000,669	106.53
1974:												
1st quarter	41,693	121.12	6,700	76.61	6,600	71.68	44,715	99.96	11,506	148.36	129,531	109.99
2d quarter	117,756	193.77	9,650	81.58	6,120	81.75	176,875	128.94	49,545	149.27	433,611	131.88
3d quarter	43,071	174.17	2,350	69.44	1,800	63.71	57,846	179.05	6,577	81.32	125,126	146.53
4th quarter	162,294	122.72	--	--	1,750	124.83	127,763	98.46	49,673	134.23	390,509	108.26
Total or average	364,814	151.56	18,700	80.66	16,270	80.24	407,199	123.31	117,301	139.02	967,767	123.40
1975:												
1st quarter	112,085	87.47	--	--	--	--	60,335	24.67	--	--	217,433	57.62
2d quarter	138,587	138.23	--	--	--	--	157,050	88.71	29,051	61.10	407,897	95.61
3d quarter	63,963	166.12	--	--	1,100	44.55	53,380	76.08	5,850	94.75	175,093	106.34
4th quarter	129,123	145.18	--	--	4,400	34.70	168,117	69.14	15,000	107.05	359,245	93.56
Total or average	443,758	131.45	--	--	5,500	36.67	438,882	70.78	49,901	78.84	1,159,668	89.47
1976:												
1st quarter	28,990	133.75	--	--	--	--	38,508	84.59	5,490	100.35	89,623	89.64
2d quarter	165,887	128.18	--	--	1,400	50.51	186,476	75.09	38,540	55.10	457,952	87.46
3d quarter	38,580	141.37	--	--	--	--	80,915	91.53	13,760	64.09	165,876	93.35
4th quarter	75,630	165.30	--	--	--	--	64,050	70.88	7,500	110.33	163,752	113.84
Total or average	309,087	139.43	--	--	1,400	50.51	369,949	78.94	65,290	67.14	877,203	93.72
1977:												
1st quarter	86,990	164.11	--	--	60,990	73.38	66,430	67.25	12,980	113.35	288,189	98.56
2d quarter	82,817	169.67	--	--	--	--	100,471	74.88	29,350	69.05	248,499	104.67
3d quarter	147,316	168.60	--	--	2,800	94.71	176,321	81.01	35,710	62.03	431,647	111.07
4th quarter	43,209	163.71	--	--	400	89.42	39,086	82.25	7,350	81.63	115,721	101.62
Total or average	360,332	167.17	--	--	64,190	80.11	382,308	77.14	85,390	73.93	1,084,056	105.27
1978:												
1st quarter	35,731	209.91	--	--	--	--	98,287	83.55	15,100	104.28	177,296	123.85
2d quarter	86,305	182.21	--	--	5,600	175.00	56,132	78.52	21,060	62.49	221,882	115.82
3d quarter	231,090	180.37	--	--	3,200	246.43	189,660	124.59	134,910	94.73	623,744	133.50
4th quarter	29,468	269.45	--	--	--	--	20,230	149.43	2,140	56.20	68,278	173.20
Total or average	382,594	190.41	--	--	8,800	200.95	364,309	107.80	173,210	91.16	1,091,200	130.82
1979:												
1st quarter	108,420	292.79	--	--	1,000	396.00	172,493	155.91	47,180	301.32	377,958	190.19
2d quarter	47,808	271.63	--	--	500	103.40	103,696	171.51	27,930	142.04	211,155	157.15
3d quarter	190,741	146.37	--	--	3,300	272.17	178,202	276.11	85,610	221.88	538,598	279.04
4th quarter	39,052	277.01	--	--	--	--	26,364	252.83	2,945	168.75	85,543	241.56
Total or average	386,021	315.05	--	--	4,800	280.39	480,755	209.14	163,665	193.27	1,213,254	226.03
1980:												
1st quarter	64,866	355.49	--	--	1,400	88.94	90,699	216.98	15,330	189.03	215,251	234.34
2d quarter	114,589	319.60	--	--	--	--	116,473	201.01	53,050	186.91	333,063	224.48
3d quarter	142,351	232.41	--	--	--	--	131,696	359.35	55,170	146.09	365,543	189.43
4th quarter	62,845	252.31	--	--	1,000	150.00	52,695	223.28	30,180	228.51	183,264	211.02
Total or average	384,651	282.39	--	--	2,400	114.38	391,563	220.60	153,730	180.64	1,097,121	212.37
1981:												
1st quarter	64,335	389.76	--	--	--	--	68,146	230.40	37,260	127.80	199,441	240.23
2d quarter	52,955	192.74	--	--	--	--	67,654	287.35	14,715	104.41	157,727	205.32
3d quarter	274,890	225.97	--	--	--	--	288,633	171.83	74,553	139.88	735,356	178.28
4th quarter	35,233	148.25	--	--	--	--	38,130	91.58	8,020	94.99	101,783	95.56
Total or average	427,413	240.10	--	--	--	--	462,563	190.74	134,548	129.98	1,194,347	185.62
1982:												
1st quarter	88,959	116.68	--	--	3,000	16.64	130,019	58.51	30,025	99.82	322,549	72.76
2d quarter	63,550	94.74	--	--	25,350	40.92	60,024	30.30	17,005	41.65	199,034	52.09
3d quarter	85,124	51.00	--	--	--	--	144,328	35.85	70,545	22.08	352,434	35.01
4th quarter	75,725	155.32	--	--	--	--	46,865	80.66	12,600	40.30	173,555	107.72
Total or average	313,358	103.73	--	--	28,350	38.35	381,236	48.22	130,175	44.33	1,047,572	61.93
1983:												
1st quarter	101,350	94.01	--	--	--	--	128,663	52.51	35,515	90.46	327,835	63.31
2d quarter	102,435	122.30	--	--	--	--	106,951	64.07	35,395	107.52	297,290	87.99
3d quarter	96,777	93.91	--	--	--	--	60,976	66.81	52,485	60.16	286,612	61.80
4th quarter	90,249	139.48	--	--	800	97.18	37,288	67.46	51,120	67.12	212,944	96.74
Total or average	390,811	111.90	--	--	800	97.18	333,830	60.50	174,515	77.97	1,124,681	75.83
1984:												
1st quarter	82,191	95.63	--	--	--	--	61,191	56.79	33,740	52.11	231,139	74.40
2d quarter	52,210	124.60	--	--	--	--	54,759	61.46	48,195	42.45	183,875	69.55
3d quarter	112,325	79.46	--	--	--	--	117,430	36.04	41,480	35.12	331,053	52.93
4th quarter	74,415	105.96	--	--	--	--	67,335	52.78	25,335	30.51	193,402	67.97
Total or average	321,141	97.33	--	--	--	--	300,765	48.64	148,750	39.92	934,469	64.59

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source--U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 13—Volume and average stumpage price of selected species on the National Forests of western Oregon and western Washington, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	202,732	111.81	9,900	41.29	9,311	100.72	127,854	106.22	42,575	80.39	482,192	90.27
2d quarter	584,369	133.95	11,440	65.46	13,345	56.18	208,972	84.20	61,295	77.69	1,088,954	105.37
3d quarter	282,151	146.17	9,160	70.83	17,815	81.32	139,764	107.00	29,897	136.84	590,760	114.78
4th quarter	517,957	153.13	11,990	114.20	16,425	85.23	167,731	117.05	70,874	75.82	932,438	126.22
Total or average	1,587,209	139.55	42,490	74.74	56,896	79.73	644,321	102.07	204,641	86.24	3,094,344	111.09
1974:												
1st quarter	221,915	202.32	25,400	128.49	22,483	77.32	68,191	98.15	40,701	123.96	460,478	144.53
2d quarter	638,428	246.22	18,450	122.62	21,478	157.00	287,744	130.07	61,394	129.15	1,246,907	182.72
3d quarter	226,282	219.80	10,200	157.79	3,455	74.29	100,958	140.04	22,415	95.45	436,893	162.45
4th quarter	653,655	155.48	28,925	121.08	13,405	67.73	227,744	79.49	98,454	98.55	1,230,574	114.60
Total or average	1,740,280	203.22	82,975	128.20	60,821	103.19	684,637	111.54	222,964	111.30	3,382,852	150.03
1975:												
1st quarter	250,061	156.10	1,230	70.00	--	--	90,355	35.81	--	--	469,489	100.62
2d quarter	664,782	164.05	21,660	125.96	12,954	64.47	271,422	26.85	64,079	67.00	1,287,593	118.75
3d quarter	301,646	178.11	5,350	27.05	6,940	23.72	93,055	58.38	27,419	48.65	580,212	121.41
4th quarter	645,299	180.47	26,380	64.34	14,984	36.75	287,462	72.05	66,322	64.93	1,219,743	126.33
Total or average	1,861,358	170.99	54,620	85.25	34,878	44.42	742,294	66.43	157,820	62.95	3,557,037	119.39
1976:												
1st quarter	172,169	207.10	980	46.35	2,285	89.14	58,906	84.97	13,730	59.61	323,010	143.27
2d quarter	663,790	173.77	10,200	110.52	6,766	59.75	292,011	75.10	72,455	58.37	1,295,107	123.20
3d quarter	195,279	141.85	2,400	95.62	5,629	107.19	122,364	72.10	24,594	73.66	449,457	101.80
4th quarter	235,532	188.37	250	41.71	305	116.72	96,810	90.90	11,050	92.13	411,765	141.99
Total or average	1,266,770	176.10	13,830	102.15	14,985	83.21	570,091	78.16	121,829	64.66	2,469,339	125.06
1977:												
1st quarter	604,927	233.87	16,100	224.13	75,140	81.69	176,680	92.92	55,988	110.84	1,176,111	160.85
2d quarter	400,517	224.68	5,500	87.80	4,110	100.07	149,919	85.18	48,270	74.37	735,322	159.84
3d quarter	474,274	210.97	10,620	79.59	12,700	75.69	233,487	89.43	66,280	92.00	945,447	151.61
4th quarter	183,914	229.69	--	--	1,710	86.64	51,968	84.94	12,870	92.86	308,749	167.89
Total or average	1,663,632	224.67	32,220	153.22	93,660	81.77	612,054	89.02	183,408	93.17	3,165,629	158.54
1978:												
1st quarter	486,015	248.82	17,506	104.52	9,599	115.00	186,979	95.73	41,555	96.51	881,947	182.76
2d quarter	336,500	235.42	11,830	105.99	10,359	166.12	97,834	91.44	36,545	95.07	618,494	169.37
3d quarter	850,897	249.11	5,051	62.64	7,547	201.11	310,789	125.38	180,031	102.07	1,568,597	189.13
4th quarter	144,796	292.74	2,530	75.57	4,920	151.48	54,307	166.76	8,762	121.88	250,827	217.75
Total or average	1,818,208	249.98	36,917	135.21	32,425	156.91	649,909	115.20	266,893	100.90	3,319,865	185.92
1979:												
1st quarter	669,150	347.72	18,130	202.53	5,283	215.59	270,536	151.84	84,341	301.32	1,228,587	268.79
2d quarter	303,884	389.72	17,410	174.80	6,871	173.57	161,357	155.14	54,746	211.92	643,244	267.52
3d quarter	788,403	423.69	4,574	213.69	7,618	178.09	315,987	252.37	122,655	222.48	1,451,434	334.57
4th quarter	178,697	280.09	4,700	389.97	2,256	189.60	50,081	221.05	13,500	99.32	305,286	333.43
Total or average	1,940,134	394.40	44,814	212.55	22,028	186.85	797,961	196.66	275,242	238.49	3,628,551	300.31
1980:												
1st quarter	653,068	484.04	6,880	175.11	8,805	96.00	197,442	206.29	82,215	201.45	1,143,354	358.22
2d quarter	432,184	373.96	3,250	14.38	1,410	16.75	172,171	231.25	75,368	220.38	826,549	281.60
3d quarter	645,411	394.87	8,470	135.68	10,782	96.41	212,620	231.40	84,145	216.56	1,132,660	295.96
4th quarter	329,599	456.33	3,267	19.81	4,420	319.13	82,676	155.17	38,100	197.21	571,833	337.87
Total or average	2,060,262	428.58	21,867	112.73	25,417	130.58	664,909	214.43	279,828	210.52	3,674,396	318.63
1981:												
1st quarter	609,342	463.81	13,700	315.91	2,880	43.38	144,818	179.50	59,000	133.03	995,319	335.13
2d quarter	305,400	342.13	7,170	245.92	1,060	167.76	114,315	225.09	35,723	108.80	561,586	261.40
3d quarter	820,142	288.10	3,160	56.71	6,240	276.58	384,089	158.56	112,610	109.08	1,618,470	208.32
4th quarter	223,274	260.13	7,300	27.96	8,140	190.08	61,172	74.23	28,238	63.78	390,901	185.27
Total or average	1,958,158	348.02	31,330	206.66	18,320	195.19	704,394	166.34	235,571	109.61	3,566,276	249.54
1982:												
1st quarter	505,362	153.92	990	46.72	10,335	29.14	200,197	47.71	66,740	88.63	968,078	104.93
2d quarter	376,418	97.67	9,700	10.47	28,195	38.63	103,242	28.51	23,650	38.74	667,170	71.60
3d quarter	577,739	99.00	2,190	84.30	4,730	92.49	229,742	37.92	114,558	24.70	1,152,136	64.61
4th quarter	363,310	134.94	12,900	30.44	1,100	48.30	96,415	70.38	25,970	46.83	626,209	103.40
Total or average	1,822,829	121.14	25,780	28.13	44,360	42.40	629,596	44.46	230,918	47.10	3,413,593	84.53
1983:												
1st quarter	678,242	182.39	4,120	27.70	5,940	53.09	223,688	51.93	67,755	77.62	1,227,316	119.31
2d quarter	356,733	153.81	1,150	21.91	2,470	55.25	137,791	71.69	55,430	99.06	665,915	113.50
3d quarter	385,732	144.61	11,400	49.78	4,907	90.62	108,111	63.86	85,260	76.50	755,125	100.42
4th quarter	346,733	155.05	6,350	38.53	7,455	97.39	73,335	85.40	72,880	68.11	612,462	117.87
Total or average	1,767,440	163.01	23,020	41.33	20,772	78.11	542,925	63.84	281,325	79.04	3,269,818	113.48
1984:												
1st quarter	505,091	152.69	4,300	31.28	6,425	77.07	143,281	73.94	44,315	56.10	899,963	114.00
2d quarter	260,348	125.70	9,680	70.73	3,040	73.12	87,807	61.62	60,085	37.85	522,552	97.21
3d quarter	639,140	95.19	8,500	26.17	3,645	37.31	181,393	46.07	77,965	41.29	1,121,397	74.45
4th quarter	331,933	107.82	4,055	105.42	2,440	63.56	104,040	44.19	48,980	34.74	593,945	78.15
Total or average	1,736,512	118.90	27,335	59.66	15,550	64.86	516,521	56.07	231,345	41.84	3,137,857	90.28

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture, Pacific Northwest Region includes Oregon and Washington.

**table 14—Volume and average stumpage price of selected species on the Deschutes National Forest of the Pacific Northwest Region, 1973-84<sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PUNDEPOSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	4,600	48.54	2,200	37.52	--	--	--	--	8,100	43.55	72,620	50.25
2d quarter	4,450	97.52	--	--	--	--	--	--	4,650	56.76	56,455	71.65
3d quarter	--	--	950	75.47	29,240	129.29	--	--	4,355	82.43	48,580	102.35
4th quarter	--	--	440	74.94	18,300	132.79	--	--	1,050	79.07	25,960	110.39
Total or average	9,050	72.62	3,600	52.21	48,630	127.96	--	--	18,165	58.82	203,625	76.28
1974:												
1st quarter	--	--	440	74.94	47,580	159.95	--	--	1,470	94.75	64,360	125.17
2d quarter	--	--	2,770	101.80	26,040	176.34	--	--	180	32.86	31,642	155.38
3d quarter	--	--	3,550	82.38	28,050	144.17	--	--	1,995	81.10	44,270	106.45
4th quarter	--	--	1,950	20.70	34,840	63.53	--	--	2,030	44.90	42,423	56.95
Total or average	--	--	8,710	74.37	136,510	135.23	--	--	5,675	70.16	182,695	110.02
1975:												
1st quarter	--	--	350	36.61	5,610	67.98	--	--	640	30.50	7,752	55.73
2d quarter	--	--	5,100	10.03	59,030	27.01	--	--	5,820	4.06	80,928	26.74
3d quarter	--	--	20	25.78	14,275	35.93	--	--	1,180	28.54	23,963	26.14
4th quarter	--	--	--	--	29,870	32.65	--	--	1,400	6.29	40,490	25.96
Total or average	--	--	5,470	11.79	104,785	32.03	--	--	9,040	9.47	153,133	27.91
1976:												
1st quarter	--	--	1,150	43.94	45,670	127.92	--	--	2,100	81.29	56,810	118.36
2d quarter	--	--	4,060	73.33	40,560	94.38	--	--	3,300	61.65	69,880	73.38
3d quarter	--	--	110	35.66	42,670	114.15	--	--	1,520	70.23	49,295	104.26
4th quarter	--	--	2,200	59.10	8,718	92.95	--	--	--	--	11,806	80.70
Total or average	--	--	7,520	64.12	137,618	111.55	--	--	6,920	69.50	187,791	95.56
1977:												
1st quarter	--	--	3,525	120.08	27,056	136.87	--	--	2,830	99.02	53,811	103.15
2d quarter	--	--	--	--	33,126	153.87	--	--	--	--	70,596	78.07
3d quarter	--	--	1,750	68.26	49,030	179.72	--	--	7,940	105.00	78,123	134.95
4th quarter	--	--	--	--	29,448	223.27	--	--	54	82.70	32,838	205.89
Total or average	--	--	5,275	102.92	138,660	174.50	--	--	10,824	107.04	235,368	120.52
1978:												
1st quarter	--	--	8,190	141.71	24,670	196.22	--	--	6,140	145.00	43,330	165.26
2d quarter	--	--	2,720	98.05	43,190	283.84	--	--	260	97.47	58,631	225.25
3d quarter	--	--	7,200	130.71	43,950	310.04	--	--	2,100	103.73	63,305	240.03
4th quarter	--	--	--	--	15,700	289.56	--	--	--	--	21,633	220.38
Total or average	--	--	18,110	130.78	127,510	276.62	--	--	8,500	133.35	186,899	215.70
1979:												
1st quarter	--	--	5,300	166.87	18,284	289.14	--	--	300	89.90	33,082	196.74
2d quarter	--	--	8,100	102.24	30,570	372.35	--	--	2,350	95.95	53,320	237.58
3d quarter	--	--	2,320	155.70	48,560	260.43	--	--	9,390	100.87	87,962	180.10
4th quarter	--	--	--	--	11,970	82.08	--	--	4,000	20.21	20,070	57.27
Total or average	--	--	16,720	134.01	109,384	277.00	--	--	16,040	79.83	194,434	186.00
1980:												
1st quarter	--	--	2,600	89.70	53,900	232.62	--	--	6,230	63.03	71,810	187.88
2d quarter	--	--	590	56.15	27,650	289.40	--	--	--	--	35,470	232.39
3d quarter	--	--	8,770	71.02	26,422	340.72	--	--	2,740	5.82	63,082	174.18
4th quarter	--	--	2,180	48.71	9,710	375.11	--	--	1,110	7.93	22,520	189.45
Total or average	--	--	14,140	70.41	117,682	281.93	--	--	10,080	41.41	192,882	191.77
1981:												
1st quarter	--	--	3,310	6.70	26,047	332.30	--	--	3,180	21.42	47,177	192.83
2d quarter	--	--	890	226.35	39,205	324.80	--	--	6,090	15.78	55,385	240.63
3d quarter	--	--	3,070	30.34	40,130	271.69	--	--	4,420	13.59	74,870	155.02
4th quarter	--	--	--	--	20	32.10	--	--	--	--	9,578	33.95
Total or average	--	--	7,270	43.57	105,402	305.38	--	--	13,690	16.38	187,010	183.71
1982:												
1st quarter	--	--	1,280	23.53	37,930	121.45	--	--	2,040	13.62	45,960	104.15
2d quarter	--	--	300	117.00	30,653	93.92	--	--	1,137	2.18	53,372	61.38
3d quarter	--	--	9,210	43.10	31,930	76.11	--	--	5,140	31.63	63,260	50.28
4th quarter	--	--	2,360	13.16	30,560	109.76	--	--	3,310	7.30	36,350	95.17
Total or average	--	--	9,150	35.52	131,013	101.24	--	--	11,627	18.66	198,942	73.90
1983:												
1st quarter	--	--	--	--	28,160	144.71	--	--	130	3.68	40,710	104.32
2d quarter	--	--	1,720	117.09	9,813	228.70	--	--	197	20.00	25,049	112.34
3d quarter	--	--	430	33.21	27,207	175.42	--	--	4,100	18.37	72,047	77.75
4th quarter	--	--	--	--	10,040	271.06	--	--	50	1.00	10,583	268.45
Total or average	--	--	2,150	147.43	75,320	183.75	--	--	4,477	17.82	148,397	103.77
1984:												
1st quarter	--	--	1,940	301.66	20,300	180.27	--	--	2,980	30.17	31,260	144.65
2d quarter	--	--	620	24.6	18,386	235.39	--	--	1,155	28.42	25,255	174.50
3d quarter	--	--	7,420	29.14	40,737	193.70	--	--	1,673	22.59	76,842	109.41
4th quarter	--	--	--	--	15,887	182.63	--	--	1,537	13.59	31,871	82.09
Total or average	--	--	9,980	54.55	85,303	192.49	--	--	7,345	24.66	165,171	120.30

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source--U.S. Department of Agriculture, Pacific Northwest Region includes Oregon and Washington.

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**Table 15—Volume and average stumpage price of selected species on the Fremont National Forest of the Pacific Northwest Region, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	--	--	--	--	--	--	--	--	8,160	51.53	30,750	62.17
2d quarter	--	--	--	--	--	--	--	--	6,930	76.73	32,173	83.31
3d quarter	--	--	--	--	37,501	108.26	--	--	1,235	84.47	43,436	97.24
4th quarter	--	--	--	--	24,380	93.52	--	--	3,970	66.60	31,110	83.89
Total or average	--	--	--	--	61,881	102.45	--	--	20,295	65.09	137,469	83.11
1974:												
1st quarter	--	--	--	--	43,700	206.51	--	--	4,900	102.80	50,700	188.49
2d quarter	--	--	--	--	1,650	142.77	--	--	--	--	13,075	24.47
3d quarter	--	--	--	--	130	91.80	--	--	--	--	1,130	11.00
4th quarter	--	--	--	--	49,990	92.77	--	--	1,700	17.90	82,000	58.00
Total or average	--	--	--	--	95,470	145.70	--	--	6,600	80.93	146,905	99.69
1975:												
1st quarter	--	--	20,200	110.47	--	--	--	--	--	--	21,240	105.77
2d quarter	--	--	--	--	29,250	44.87	--	--	34,600	10.06	86,702	23.59
3d quarter	--	--	--	--	20,250	42.66	--	--	2,700	11.80	29,079	35.73
4th quarter	--	--	--	--	58,780	33.10	--	--	10,250	11.01	80,495	28.87
Total or average	--	--	20,200	110.47	108,280	38.07	--	--	47,550	10.37	217,516	35.19
1976:												
1st quarter	--	--	--	--	11,500	109.51	--	--	3,200	20.93	14,700	90.23
2d quarter	--	--	--	--	28,210	76.43	--	--	2,300	17.31	32,210	68.99
3d quarter	--	--	--	--	12,200	70.49	--	--	--	--	12,200	70.49
4th quarter	--	--	--	--	36,570	91.31	--	--	600	33.30	37,370	90.16
Total or average	--	--	--	--	88,480	86.06	--	--	6,100	20.78	96,480	80.61
1977:												
1st quarter	--	--	--	--	23,800	170.62	--	--	10,350	65.87	40,550	134.72
2d quarter	--	--	--	--	29,800	138.07	--	--	7,700	106.45	47,247	114.18
3d quarter	--	--	--	--	31,300	160.18	--	--	1,400	70.60	32,710	156.33
4th quarter	--	--	--	--	18,700	77.57	--	--	--	--	18,700	77.57
Total or average	--	--	--	--	103,600	141.31	--	--	19,450	82.27	139,207	125.15
1978:												
1st quarter	--	--	--	--	29,500	109.08	--	--	7,250	69.17	36,850	101.32
2d quarter	--	--	--	--	--	--	--	--	--	--	--	--
3d quarter	--	--	--	--	85,329	248.78	--	--	14,980	78.52	102,345	220.86
4th quarter	--	--	--	--	1,130	122.13	--	--	3	1.00	1,184	122.41
Total or average	--	--	--	--	115,959	212.01	--	--	22,233	75.46	140,379	188.65
1979:												
1st quarter	--	--	--	--	38,320	205.51	--	--	10,200	76.12	51,020	172.92
2d quarter	--	--	--	--	16,150	149.26	--	--	2,200	44.52	18,450	137.09
3d quarter	--	--	--	--	31,053	183.35	--	--	17,602	164.11	57,029	187.44
4th quarter	--	--	--	--	9,190	449.79	--	--	7,600	35.28	19,277	241.37
Total or average	--	--	--	--	94,713	212.36	--	--	37,602	107.20	145,776	183.12
1980:												
1st quarter	--	--	--	--	32,610	206.24	--	--	9,800	362.94	53,243	201.28
2d quarter	--	--	--	--	4,806	174.63	--	--	850	34.36	5,646	155.15
3d quarter	--	--	--	--	43,545	278.92	--	--	13,670	21.68	69,298	184.15
4th quarter	--	--	--	--	967	115.70	--	--	--	--	2,177	89.85
Total or average	--	--	--	--	81,928	241.94	--	--	24,020	161.16	130,364	188.32
1981:												
1st quarter	--	--	--	--	18,400	296.02	--	--	6,900	22.69	30,106	230.49
2d quarter	--	--	--	--	18,800	166.51	--	--	11,700	135.62	39,300	131.27
3d quarter	--	--	--	--	58,353	162.16	--	--	12,680	323.35	75,503	187.22
4th quarter	--	--	--	--	9,530	167.31	--	--	650	15.25	10,180	157.60
Total or average	--	--	--	--	105,083	186.84	--	--	31,930	183.32	155,089	179.52
1982:												
1st quarter	--	--	--	--	36,720	107.60	--	--	6,920	15.38	48,390	85.25
2d quarter	--	--	--	--	32,820	96.55	--	--	5,800	17.79	42,120	78.90
3d quarter	--	--	--	--	18,980	39.98	--	--	12,970	15.47	32,080	29.95
4th quarter	--	--	--	--	13,740	80.19	--	--	5,220	28.36	26,460	53.57
Total or average	--	--	--	--	102,260	87.82	--	--	30,910	18.06	149,050	65.93
1983:												
1st quarter	--	--	--	--	12,290	67.24	--	--	3,750	11.24	25,455	45.33
2d quarter	--	--	--	--	22,450	196.39	--	--	1,300	10.93	23,950	184.69
3d quarter	--	--	--	--	51,943	125.27	--	--	9,320	41.25	66,698	106.60
4th quarter	--	--	--	--	7,580	137.02	--	--	5,400	28.89	12,980	92.03
Total or average	--	--	--	--	94,263	135.60	--	--	19,770	30.19	129,083	107.54
1984:												
1st quarter	--	--	--	--	13,910	104.15	--	--	9,920	44.34	24,980	76.03
2d quarter	--	--	--	--	24,070	127.08	--	--	6,100	11.60	36,870	86.57
3d quarter	--	--	--	--	45,782	90.69	--	--	12,303	21.28	58,985	75.02
4th quarter	--	--	--	--	11,490	79.49	--	--	970	14.74	20,440	52.60
Total or average	--	--	--	--	95,252	103.75	--	--	29,293	26.87	141,275	74.97

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 16—Volume and average stumpage price of selected species on the Malheur National Forest of the Pacific Northwest Region, 1973-84<sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	--	--	6,990	33.79	54,930	51.53	--	--	4,900	34.47	80,555	41.06
2d quarter	--	--	5,620	49.56	54,610	56.10	--	--	3,370	60.94	72,034	49.93
3d quarter	--	--	50	85.00	1,140	104.36	--	--	--	--	2,114	67.81
4th quarter	--	--	3,340	50.38	16,680	72.79	--	--	1,990	71.37	24,126	65.71
Total or average	--	--	16,010	44.65	127,360	56.75	--	--	10,260	50.32	178,829	49.95
1974:												
1st quarter	--	--	9,090	78.25	67,200	84.54	--	--	5,340	74.79	95,705	77.09
2d quarter	--	--	15,800	50.52	22,600	101.47	--	--	8,200	62.60	57,190	63.30
3d quarter	--	--	3,581	41.34	19,365	104.84	--	--	2,140	50.27	27,171	86.06
4th quarter	--	--	3,900	46.00	25,400	89.55	--	--	2,000	42.12	33,400	79.17
Total or average	--	--	32,371	56.74	134,565	91.25	--	--	17,680	62.47	213,466	74.86
1975:												
1st quarter	--	--	2,503	2.58	12,290	8.54	--	--	--	--	18,960	6.76
2d quarter	--	--	3,943	2.84	41,815	12.57	--	--	435	3.73	56,230	10.24
3d quarter	--	--	1,095	28.12	30,950	33.82	--	--	490	27.69	34,805	33.36
4th quarter	--	--	11,990	2.82	48,509	12.67	--	--	6,870	1.86	74,164	9.23
Total or average	--	--	19,531	4.21	133,564	17.16	--	--	7,795	3.59	184,159	13.84
1976:												
1st quarter	--	--	--	--	80	42.25	--	--	--	--	90	37.67
2d quarter	--	--	7,690	9.30	47,050	50.01	--	--	5,230	3.21	67,680	39.12
3d quarter	--	--	3,400	31.71	30,200	65.39	--	--	1,000	44.20	35,500	60.67
4th quarter	--	--	730	45.53	8,200	75.38	--	--	210	57.04	9,700	70.12
Total or average	--	--	11,820	17.98	85,530	57.87	--	--	6,440	11.33	112,970	48.55
1977:												
1st quarter	--	--	615	45.98	3,595	108.54	--	--	715	62.15	9,520	58.58
2d quarter	--	--	10,084	50.91	77,000	101.28	--	--	8,800	60.20	98,600	91.50
3d quarter	--	--	5,583	51.44	26,452	145.86	--	--	5,492	72.71	52,900	97.76
4th quarter	--	--	5,080	62.91	29,250	185.67	--	--	6,805	62.93	42,385	146.90
Total or average	--	--	21,362	53.76	136,297	128.23	--	--	21,812	64.26	203,405	103.14
1978:												
1st quarter	--	--	4,785	61.25	29,820	217.12	--	--	7,080	49.99	46,095	157.41
2d quarter	--	--	3,270	78.69	18,720	240.76	--	--	3,160	96.92	27,120	191.22
3d quarter	--	--	10,769	57.94	37,835	191.88	--	--	14,481	58.54	71,000	127.84
4th quarter	--	--	135	78.06	445	199.00	--	--	2,860	190.97	3,741	175.58
Total or average	--	--	18,959	62.50	86,820	211.13	--	--	27,581	74.48	147,956	149.88
1979:												
1st quarter	--	--	364	85.37	3,759	128.46	--	--	80	12.35	4,253	121.23
2d quarter	--	--	3,710	20.57	21,780	221.01	--	--	3,615	21.90	30,787	162.42
3d quarter	--	--	11,355	26.35	87,765	208.69	--	--	7,700	24.57	110,500	170.76
4th quarter	--	--	6,070	7.82	37,230	210.72	--	--	3,540	10.20	56,350	141.01
Total or average	--	--	21,499	21.12	150,534	208.97	--	--	14,935	20.45	201,890	160.14
1980:												
1st quarter	--	--	4,156	12.23	19,966	159.17	--	--	970	20.35	26,792	122.04
2d quarter	--	--	6,840	14.81	61,200	120.38	--	--	8,250	53.69	80,650	101.57
3d quarter	--	--	3,800	2.59	28,000	86.42	--	--	7,600	108.30	45,930	92.36
4th quarter	--	--	1,860	21.04	9,180	111.29	--	--	3,820	7.40	18,670	58.93
Total or average	--	--	16,656	12.08	118,346	118.19	--	--	20,640	63.64	172,042	97.67
1981:												
1st quarter	--	--	9,400	48.90	36,850	221.74	--	--	7,150	13.28	66,800	148.88
2d quarter	--	--	--	--	89	122.10	--	--	--	--	89	122.10
3d quarter	--	--	12,682	15.62	75,927	157.23	--	--	8,317	19.55	105,656	117.52
4th quarter	--	--	4,385	7.76	24,913	92.37	--	--	8,360	169.78	46,158	82.02
Total or average	--	--	26,467	26.14	137,779	162.73	--	--	23,827	70.38	218,703	119.61
1982:												
1st quarter	--	--	1,970	8.77	25,270	87.45	--	--	2,235	4.52	30,290	74.12
2d quarter	--	--	3,910	13.18	14,600	19.14	--	--	1,165	14.39	21,810	16.24
3d quarter	--	--	3,290	6.00	65,280	52.99	--	--	1,300	1.00	71,620	48.72
4th quarter	--	--	2,875	10.74	28,260	28.03	--	--	885	8.66	33,075	25.35
Total or average	--	--	12,045	9.91	133,410	50.53	--	--	5,585	6.42	156,795	44.18
1983:												
1st quarter	--	--	5,815	11.71	62,330	117.01	--	--	4,635	2.58	75,845	99.54
2d quarter	--	--	1,630	9.50	27,930	133.96	--	--	1,155	8.75	30,975	123.68
3d quarter	--	--	7,141	8.82	34,929	171.37	--	--	3,510	8.38	50,800	121.82
4th quarter	--	--	6,295	19.80	23,260	137.77	--	--	4,158	18.35	39,250	87.22
Total or average	--	--	20,881	12.99	148,449	135.93	--	--	13,458	9.51	196,870	106.63
1984:												
1st quarter	--	--	8,920	7.83	57,880	172.39	--	--	11,300	3.77	79,350	127.19
2d quarter	--	--	9,040	15.68	38,125	177.63	--	--	6,090	1.60	55,295	128.00
3d quarter	--	--	11,340	6.09	48,650	128.68	--	--	8,720	2.14	76,594	83.31
4th quarter	--	--	5,830	6.16	26,600	77.19	--	--	6,600	1.13	40,570	52.64
Total or average	--	--	35,130	9.21	171,255	146.35	--	--	32,710	2.20	251,809	102.01

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 17—Volume and average stumpage price of selected species on the Ochoco National Forest of the Pacific Northwest Region, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	--	--	8,600	63.63	27,930	64.57	--	--	--	--	41,470	56.78
2d quarter	--	--	5,600	109.59	32,200	70.54	--	--	--	--	48,374	84.71
3d quarter	--	--	6,715	73.26	37,030	96.84	--	--	2,000	115.89	51,320	63.28
4th quarter	--	--	4,070	70.62	28,075	94.97	--	--	3,250	79.62	45,990	72.80
Total or average	--	--	24,986	77.69	125,235	82.46	--	--	5,250	93.44	187,154	69.72
1974:												
1st quarter	--	--	--	--	--	--	--	--	--	--	--	--
2d quarter	--	--	954	51.22	25,035	84.64	--	--	255	11.63	33,977	64.07
3d quarter	--	--	3,000	62.88	27,850	106.04	--	--	1,400	67.53	35,214	93.30
4th quarter	--	--	4,872	2.81	15,528	53.04	--	--	700	1.00	23,654	35.88
Total or average	--	--	8,826	28.46	68,413	86.18	--	--	2,355	41.70	92,845	67.97
1975:												
1st quarter	--	--	--	--	8,450	11.41	--	--	--	--	12,450	8.20
2d quarter	--	--	2,900	29.13	43,600	99.29	--	--	--	--	49,380	90.20
3d quarter	--	--	885	2.00	25,207	66.72	--	--	300	1.00	28,077	60.53
4th quarter	--	--	630	11.80	51,990	39.39	--	--	--	--	53,400	38.54
Total or average	--	--	4,415	21.22	129,247	62.32	--	--	300	1.00	143,307	58.01
1976:												
1st quarter	--	--	--	--	3,700	72.25	--	--	--	--	4,700	60.71
2d quarter	--	--	7,590	7.94	37,280	62.85	--	--	950	13.15	46,800	53.02
3d quarter	--	--	1,384	30.11	21,683	74.36	--	--	1,000	32.14	24,638	69.74
4th quarter	--	--	500	47.01	22,550	91.89	--	--	--	--	23,150	90.54
Total or average	--	--	9,474	13.24	85,213	73.07	--	--	1,950	22.89	99,288	66.28
1977:												
1st quarter	--	--	--	--	3,050	100.61	--	--	--	--	3,050	100.61
2d quarter	--	--	2,400	84.61	42,200	140.89	--	--	700	84.23	45,800	135.85
3d quarter	--	--	9,300	94.40	44,000	222.86	--	--	4,700	99.71	58,000	192.24
4th quarter	--	--	1,650	28.77	6,000	116.20	--	--	3,300	104.20	10,950	99.41
Total or average	--	--	13,350	84.53	95,250	175.91	--	--	8,700	99.87	117,800	159.32
1978:												
1st quarter	--	--	9,700	140.04	34,400	244.75	--	--	3,900	149.21	50,600	212.52
2d quarter	--	--	--	--	--	--	--	--	--	--	--	--
3d quarter	--	--	11,830	124.42	78,660	316.49	--	--	1,500	165.03	91,990	289.32
4th quarter	--	--	1,700	52.75	3,000	167.14	--	--	800	62.32	6,000	110.95
Total or average	--	--	23,230	125.70	116,060	291.38	--	--	6,200	141.83	148,590	255.97
1979:												
1st quarter	--	--	3,100	122.55	39,550	301.90	--	--	200	78.88	43,250	288.18
2d quarter	--	--	12,200	267.27	--	--	--	--	--	--	12,200	267.27
3d quarter	--	--	15,400	85.74	48,800	347.10	--	--	5,200	94.36	71,100	264.67
4th quarter	--	--	300	41.29	7,900	225.78	--	--	--	--	8,200	219.03
Total or average	--	--	31,000	160.43	96,250	318.57	--	--	5,400	93.79	134,750	269.68
1980:												
1st quarter	--	--	6,080	33.86	24,520	221.40	--	--	1,600	18.30	33,900	187.87
2d quarter	--	--	2,563	21.45	33,906	193.90	--	--	835	20.59	39,606	187.19
3d quarter	--	--	11,100	28.23	35,140	137.39	--	--	6,300	34.07	52,540	101.91
4th quarter	--	--	2,020	102.21	15,220	211.62	--	--	--	--	17,840	200.56
Total or average	--	--	21,763	35.87	108,786	184.31	--	--	8,735	29.89	143,886	157.87
1981:												
1st quarter	--	--	--	--	--	--	--	--	--	--	--	--
2d quarter	--	--	7,580	19.95	70,690	278.33	--	--	1,600	8.46	79,870	248.40
3d quarter	--	--	8,300	158.28	29,120	237.27	--	--	--	--	37,420	219.75
4th quarter	--	--	1,400	15.79	20,800	156.46	--	--	1,000	13.41	23,200	141.80
Total or average	--	--	17,280	86.06	120,610	247.40	--	--	2,600	10.36	140,490	223.17
1982:												
1st quarter	--	--	--	--	5,750	72.64	--	--	--	--	5,750	72.64
2d quarter	--	--	11,100	20.66	37,490	43.68	--	--	800	20.62	50,290	37.59
3d quarter	--	--	1,400	9.43	25,732	60.20	--	--	551	7.07	59,578	28.27
4th quarter	--	--	5,500	22.44	16,300	18.90	--	--	4,400	20.24	26,200	19.87
Total or average	--	--	18,000	20.33	85,272	45.88	--	--	5,751	19.03	141,818	38.87
1983:												
1st quarter	--	--	2,400	16.29	44,170	77.54	--	--	--	--	46,570	74.38
2d quarter	--	--	4,250	27.83	18,120	91.60	--	--	1,700	24.29	24,070	75.59
3d quarter	--	--	4,770	8.88	31,347	109.82	--	--	--	--	36,117	96.47
4th quarter	--	--	2,350	18.86	27,420	139.01	--	--	1,665	15.82	33,685	115.38
Total or average	--	--	13,770	17.73	121,057	101.93	--	--	3,365	20.10	140,442	90.11
1984:												
1st quarter	--	--	3,400	20.07	23,890	112.50	--	--	2,300	15.07	29,560	94.40
2d quarter	--	--	5,150	21.79	53,650	133.34	--	--	2,050	7.56	61,200	118.99
3d quarter	--	--	3,500	8.82	10,470	132.09	--	--	41	5.04	20,185	72.81
4th quarter	--	--	5,300	30.98	11,020	77.89	--	--	2,900	35.44	19,220	58.55
Total or average	--	--	17,350	21.65	99,030	122.01	--	--	7,291	21.01	130,165	97.32

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source--U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 18—Volume and average stumpage price of selected species on the Umatilla National Forest of the Pacific Northwest Region, 1973-84<sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	--	--	480	17.21	540	11.67	--	--	3,920	16.33	5,000	15.73
2d quarter	--	--	27,330	52.08	44,680	57.43	--	--	27,000	50.97	127,890	49.13
3d quarter	--	--	5,800	55.94	6,750	74.98	--	--	2,850	53.78	17,000	60.90
4th quarter	--	--	27,500	54.20	21,200	72.85	--	--	44,600	39.49	106,200	46.25
Total or average	--	--	61,110	53.13	73,170	63.72	--	--	78,370	42.80	256,090	48.07
1974:												
1st quarter	--	--	2,830	70.20	70	28.19	--	--	51,220	40.19	61,940	36.48
2d quarter	22,840	52.62	--	--	9,330	119.94	3,200	122.47	71,140	47.25	115,250	55.62
3d quarter	3,220	46.21	--	--	6,200	106.69	--	--	6,860	68.10	74,890	23.39
4th quarter	--	--	4,800	16.79	10,500	28.86	--	--	1,500	18.61	17,900	23.66
Total or average	26,060	51.83	7,630	36.60	26,100	79.91	3,200	122.47	130,720	45.25	269,980	40.17
1975:												
1st quarter	--	--	6,400	4.44	9,000	5.44	--	--	--	--	15,400	5.02
2d quarter	--	--	16,600	2.32	20,800	9.47	--	--	6,100	2.34	56,600	10.10
3d quarter	--	--	530	7.47	2,100	6.37	--	--	390	25.81	3,420	10.77
4th quarter	--	--	1,785	7.23	9,900	13.60	--	--	200	1.00	13,065	12.57
Total or average	--	--	25,315	3.31	41,800	9.43	--	--	6,690	3.67	90,485	9.62
1976:												
1st quarter	--	--	1,000	5.98	700	42.13	--	--	--	--	3,500	14.48
2d quarter	--	--	27,100	21.43	41,800	52.31	--	--	16,800	10.15	123,060	27.92
3d quarter	--	--	1,720	30.88	2,950	96.74	--	--	400	43.06	5,150	69.65
4th quarter	--	--	6,020	50.52	4,465	51.72	--	--	1,790	52.66	16,020	40.06
Total or average	--	--	35,840	26.34	49,915	54.74	--	--	18,990	14.85	147,730	30.37
1977:												
1st quarter	--	--	10,800	99.92	9,670	132.49	--	--	1,720	80.06	32,190	112.57
2d quarter	--	--	13,075	83.88	2,100	94.48	--	--	13,825	92.56	30,200	85.72
3d quarter	--	--	18,555	60.96	27,860	79.83	--	--	15,300	41.95	71,110	54.60
4th quarter	--	--	3,800	48.58	2,500	34.52	--	--	--	--	19,875	13.97
Total or average	--	--	46,230	75.53	42,130	89.96	--	--	30,845	66.76	153,375	60.29
1978:												
1st quarter	--	--	12,200	132.26	16,100	101.60	--	--	3,900	88.28	37,600	104.81
2d quarter	--	--	3,450	71.71	7,760	158.82	--	--	5,140	52.87	24,390	92.23
3d quarter	--	--	10,800	111.91	21,480	214.08	--	--	15,200	75.63	80,138	111.52
4th quarter	--	--	--	--	270	256.67	--	--	--	--	570	160.80
Total or average	--	--	26,450	116.05	45,610	165.22	--	--	24,240	72.84	142,698	106.65
1979:												
1st quarter	--	--	11,500	58.72	20,900	250.89	--	--	4,500	105.56	38,900	169.44
2d quarter	--	--	5,600	91.16	--	--	5,650	207.95	10,000	71.05	24,650	115.41
3d quarter	--	--	13,600	52.00	11,600	318.60	--	--	11,100	20.83	48,500	108.22
4th quarter	--	--	10,500	138.52	18,500	231.17	--	--	1,100	73.26	41,580	141.97
Total or average	--	--	41,200	85.39	51,000	259.14	5,650	207.95	26,700	56.08	153,630	134.01
1980:												
1st quarter	--	--	2,600	120.59	5,830	37.53	--	--	9,300	19.56	32,480	40.58
2d quarter	--	--	3,800	6.03	23,400	87.27	--	--	--	--	32,284	64.67
3d quarter	--	--	16,700	41.76	18,200	179.65	--	--	31,300	68.74	83,180	76.93
4th quarter	--	--	600	9.64	400	9.64	--	--	500	9.64	12,127	13.92
Total or average	--	--	23,700	43.87	47,830	115.68	--	--	41,100	56.89	160,071	62.27
1981:												
1st quarter	--	--	7,400	171.95	16,200	179.07	--	--	4,500	17.20	30,000	142.99
2d quarter	--	--	9,300	50.06	4,300	256.17	--	--	23,500	40.08	51,420	55.14
3d quarter	--	--	18,000	144.91	13,600	172.06	--	--	23,300	140.28	69,700	118.86
4th quarter	--	--	800	15.81	900	232.15	--	--	--	--	9,516	30.24
Total or average	--	--	35,500	122.79	35,000	187.18	--	--	51,300	83.58	160,636	97.72
1982:												
1st quarter	--	--	5,400	37.99	13,800	129.82	--	--	4,120	1.20	26,640	79.51
2d quarter	--	--	--	--	--	--	--	--	8,200	18.93	19,200	46.09
3d quarter	--	--	6,030	14.44	10,280	21.37	--	--	12,440	16.85	60,030	10.75
4th quarter	--	--	4,300	32.57	4,800	36.57	--	--	3,900	27.57	15,700	27.04
Total or average	--	--	15,730	27.48	28,880	75.72	--	--	28,660	16.66	121,570	33.50
1983:												
1st quarter	--	--	7,000	27.90	6,000	120.39	--	--	13,500	19.39	40,770	29.23
2d quarter	--	--	1,000	9.65	1,300	13.65	--	--	4,800	28.57	10,100	17.58
3d quarter	--	--	4,600	10.57	4,710	63.06	--	--	21,600	23.79	48,560	27.63
4th quarter	--	--	5,420	26.09	3,570	32.93	--	--	21,170	28.73	49,900	17.88
Total or average	--	--	18,020	21.92	15,580	74.12	--	--	61,070	24.90	149,430	24.13
1984:												
1st quarter	--	--	--	--	--	--	--	--	6,180	53.25	16,070	24.39
2d quarter	--	--	--	--	--	--	--	--	--	--	--	--
3d quarter	--	--	--	--	--	--	--	--	12,550	15.82	48,630	20.50
4th quarter	--	--	2,800	18.91	1,900	22.91	--	--	7,600	13.91	16,000	12.30
Total or average	--	--	2,800	18.91	1,900	22.91	--	--	26,230	24.05	80,700	20.56

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 19—Volume and average stumpage price of selected species on the Wallowa-Whitman National Forest of the Pacific Northwest Region, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
<b>1973:</b>												
1st quarter	--	--	5,300	39.89	2,590	32.80	--	--	2,200	34.41	11,930	33.34
2d quarter	--	--	24,485	66.70	23,870	67.03	--	--	15,025	74.69	90,275	61.85
3d quarter	--	--	11,800	63.20	32,100	76.46	--	--	2,200	74.18	50,800	66.30
4th quarter	--	--	7,630	34.39	7,530	45.68	--	--	8,320	20.21	28,300	29.91
Total or average	--	--	49,215	57.97	66,090	67.99	--	--	27,745	55.12	181,305	56.24
<b>1974:</b>												
1st quarter	--	--	5,276	28.59	840	55.48	--	--	4,300	33.16	10,410	32.66
2d quarter	--	--	16,685	25.38	3,270	64.67	--	--	12,000	21.46	41,065	23.01
3d quarter	--	--	5,440	55.38	21,050	103.87	--	--	1,380	64.85	30,320	85.93
4th quarter	--	--	13,600	42.37	13,600	92.47	--	--	7,450	18.00	38,890	52.33
Total or average	--	--	41,001	35.41	38,760	95.51	--	--	25,130	24.82	120,685	49.10
<b>1975:</b>												
1st quarter	--	--	--	--	3,300	6.30	--	--	--	--	15,300	5.01
2d quarter	--	--	26,500	21.36	30,050	18.95	--	--	12,600	32.11	81,320	20.30
3d quarter	--	--	--	--	700	5.90	--	--	2,100	3.90	5,230	5.43
4th quarter	--	--	22,700	18.72	32,700	22.70	--	--	12,100	6.70	68,280	18.68
Total or average	--	--	49,200	20.15	66,750	21.16	--	--	26,800	18.43	170,130	17.82
<b>1976:</b>												
1st quarter	--	--	8,600	5.71	22,800	31.24	--	--	1,800	3.90	35,500	22.17
2d quarter	--	--	29,000	15.95	32,995	45.59	--	--	10,300	10.59	73,595	28.51
3d quarter	--	--	9,000	83.92	10,833	72.98	--	--	4,700	34.95	24,533	69.71
4th quarter	--	--	9,140	55.88	9,980	80.94	--	--	2,800	39.56	25,220	58.97
Total or average	--	--	55,740	31.91	76,608	49.79	--	--	19,600	19.96	158,848	38.29
<b>1977:</b>												
1st quarter	--	--	5,600	52.23	11,750	181.65	--	--	6,700	68.67	28,160	68.56
2d quarter	--	--	2,600	45.68	32,000	58.81	--	--	3,400	73.67	40,600	59.39
3d quarter	--	--	20,985	36.95	33,755	67.50	--	--	5,590	28.28	83,045	41.30
4th quarter	--	--	--	--	--	--	--	--	--	--	23,450	2.85
Total or average	--	--	29,185	40.67	77,505	66.06	--	--	15,690	55.36	175,255	44.72
<b>1978:</b>												
1st quarter	--	--	16,890	63.81	18,000	87.10	--	--	2,915	35.35	38,760	71.42
2d quarter	--	--	13,900	67.04	22,200	103.04	--	--	7,200	62.56	46,450	91.10
3d quarter	--	--	24,820	60.77	53,860	162.83	--	--	8,670	61.78	116,495	94.94
4th quarter	--	--	1,000	101.59	2,400	144.58	--	--	150	11.00	5,050	101.18
Total or average	--	--	56,610	63.94	96,460	134.48	--	--	18,935	57.61	206,755	89.82
<b>1979:</b>												
1st quarter	--	--	8,800	37.76	9,120	119.97	--	--	2,900	21.67	22,570	67.86
2d quarter	--	--	12,712	52.65	11,625	100.12	--	--	5,660	54.14	40,285	52.78
3d quarter	--	--	36,325	28.76	60,894	113.02	--	--	20,990	17.07	155,894	58.03
4th quarter	--	--	9,500	69.82	4,131	115.43	--	--	4,900	40.79	30,921	56.28
Total or average	--	--	67,337	40.24	85,770	112.13	--	--	34,450	26.92	249,670	57.85
<b>1980:</b>												
1st quarter	--	--	14,350	220.27	19,863	35.10	--	--	1,380	24.11	37,303	105.81
2d quarter	--	--	2,760	32.50	2,439	76.40	--	--	--	--	7,199	45.78
3d quarter	--	--	6,510	55.39	19,948	80.75	--	--	1,900	7.69	74,831	27.08
4th quarter	--	--	16,074	43.43	14,315	124.86	--	--	13,700	21.48	59,159	48.29
Total or average	--	--	39,694	108.56	56,565	75.77	--	--	16,980	20.15	178,492	51.19
<b>1981:</b>												
1st quarter	--	--	10,000	53.87	7,035	23.34	--	--	5,300	207.69	54,520	34.06
2d quarter	--	--	18,483	94.06	27,148	54.74	--	--	9,174	9.99	56,505	59.31
3d quarter	--	--	21,265	75.14	41,055	43.48	--	--	8,000	98.08	87,020	49.26
4th quarter	--	--	7,020	18.94	7,830	13.08	--	--	6,300	14.77	54,310	13.42
Total or average	--	--	56,768	71.20	83,068	42.59	--	--	28,774	71.94	252,355	40.51
<b>1982:</b>												
1st quarter	--	--	17,796	24.73	9,143	31.93	--	--	13,315	9.31	56,980	16.20
2d quarter	--	--	2,500	6.00	5,010	38.61	--	--	1,400	1.00	16,423	19.04
3d quarter	--	--	14,110	17.05	22,605	49.41	--	--	12,400	24.16	86,205	21.58
4th quarter	--	--	7,978	31.95	14,860	96.54	--	--	5,100	22.09	63,598	29.25
Total or average	--	--	42,384	12.99	51,618	58.85	--	--	32,215	16.69	223,206	22.20
<b>1983:</b>												
1st quarter	--	--	12,405	19.60	14,340	62.81	--	--	12,700	18.91	61,545	24.53
2d quarter	--	--	16,930	11.30	14,120	39.00	--	--	10,100	5.25	43,446	18.40
3d quarter	--	--	4,100	27.27	4,208	159.16	--	--	920	40.17	13,758	69.44
4th quarter	--	--	4,060	26.62	10,392	137.80	--	--	6,500	26.22	36,237	50.17
Total or average	--	--	37,495	17.45	43,060	82.53	--	--	30,220	16.57	154,986	32.79
<b>1984:</b>												
1st quarter	--	--	16,330	34.85	10,060	96.48	--	--	11,010	49.89	58,220	37.51
2d quarter	--	--	6,035	82.26	19,015	189.11	--	--	1,200	28.07	26,450	155.39
3d quarter	--	--	9,105	19.51	15,585	48.71	--	--	11,100	38.01	41,865	37.10
4th quarter	--	--	7,379	33.51	7,867	88.90	--	--	7,790	7.58	37,322	28.11
Total or average	--	--	38,849	38.36	52,527	114.70	--	--	31,100	34.20	163,857	54.46

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source--U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 20—Volume and average stumpage price of selected species on the Winema National Forest of the Pacific Northwest Region, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				POWDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	1,700	91.48	1,400	71.94	21,250	98.56	--	--	5,700	47.04	32,750	91.56
2d quarter	--	--	--	--	850	86.12	--	--	--	--	4,050	82.05
3d quarter	--	--	240	86.09	9,640	80.65	--	--	2,280	105.82	18,230	80.98
4th quarter	8,850	120.91	--	--	--	--	--	--	90	39.56	11,300	100.35
Total or average	10,550	116.16	1,640	74.01	31,740	92.79	--	--	8,070	63.56	66,330	82.80
1974:												
1st quarter	--	--	1,850	97.24	17,360	207.42	--	--	5,900	98.51	28,410	157.64
2d quarter	--	--	950	299.22	15,300	268.42	--	--	6,050	177.82	53,600	194.49
3d quarter	--	--	--	--	--	--	--	--	160	54.13	2,977	18.66
4th quarter	--	--	1,290	83.39	15,910	124.95	--	--	9,788	88.52	29,800	106.03
Total or average	--	--	4,090	139.79	48,570	199.62	--	--	21,898	115.66	114,787	157.85
1975:												
1st quarter	--	--	1,430	144.26	12,100	95.42	--	--	--	--	16,550	84.03
2d quarter	--	--	1,700	15.10	34,850	110.17	--	--	9,110	92.11	57,900	91.13
3d quarter	--	--	8,600	83.88	--	--	--	--	--	--	15,282	52.96
4th quarter	--	--	2,300	91.02	44,500	86.07	--	--	5,450	26.12	66,250	66.85
Total or average	--	--	14,030	82.87	91,450	96.49	--	--	14,560	67.41	155,982	76.32
1976:												
1st quarter	--	--	2,350	7.34	1,500	61.00	--	--	3,950	212.24	10,900	91.07
2d quarter	--	--	490	53.40	20,600	136.26	--	--	4,990	92.90	38,010	112.13
3d quarter	--	--	--	--	1,391	95.58	--	--	2,380	189.85	5,071	129.72
4th quarter	--	--	4,720	176.69	16,740	135.38	--	--	8,050	105.21	37,010	126.96
Total or average	--	--	7,560	116.06	40,311	131.69	--	--	19,370	134.26	90,991	116.62
1977:												
1st quarter	--	--	--	--	17,425	173.58	--	--	900	111.46	19,525	163.60
2d quarter	--	--	1,000	116.28	22,850	196.81	--	--	5,200	101.49	36,300	145.80
3d quarter	--	--	29,480	215.58	--	--	--	--	--	--	35,400	187.17
4th quarter	--	--	2,500	67.17	17,955	141.31	--	--	14,060	167.12	40,806	138.11
Total or average	--	--	32,980	201.32	58,230	172.75	--	--	20,160	147.71	132,031	157.14
1978:												
1st quarter	--	--	3,750	102.53	21,640	163.71	--	--	9,240	100.34	36,140	140.63
2d quarter	80	110.00	1,100	141.04	4,560	215.32	--	--	4,910	137.91	10,650	171.29
3d quarter	--	--	35,000	371.28	--	--	--	--	9,520	177.99	45,420	324.89
4th quarter	--	--	2,240	89.00	22,746	280.93	--	--	7,360	201.95	34,156	243.48
Total or average	80	110.00	42,090	326.29	48,946	223.02	--	--	31,030	154.21	126,366	237.24
1979:												
1st quarter	--	--	2,200	107.33	17,100	334.66	--	--	4,250	291.72	32,750	255.85
2d quarter	--	--	1,400	89.01	36,850	300.25	--	--	10,500	456.52	59,050	295.93
3d quarter	--	--	2,000	63.60	14,209	332.94	--	--	7,800	290.04	36,915	248.97
4th quarter	--	--	1,700	73.05	34,360	389.06	--	--	8,460	188.53	47,020	324.02
Total or average	--	--	7,300	83.85	102,519	341.00	--	--	31,110	319.39	175,735	286.11
1980:												
1st quarter	--	--	2,200	32.05	30,891	348.71	--	--	6,617	280.57	50,028	261.21
2d quarter	--	--	100	49.95	19,850	375.83	--	--	6,600	35.25	30,700	251.08
3d quarter	--	--	--	--	17,300	341.48	--	--	1,500	1.00	20,000	296.44
4th quarter	--	--	--	--	21,250	305.31	--	--	1,400	1.00	27,300	246.57
Total or average	--	--	2,300	32.83	88,991	342.90	--	--	16,117	129.81	128,028	261.16
1981:												
1st quarter	--	--	4,250	809.34	52,500	345.01	--	--	17,450	95.56	76,600	307.54
2d quarter	--	--	2,400	200.46	20,500	309.88	--	--	11,800	371.87	39,550	287.79
3d quarter	--	--	2,300	511.00	4,500	381.40	--	--	3,000	16.09	10,500	281.51
4th quarter	--	--	970	7.92	15,890	226.21	--	--	8,830	7.56	28,330	130.82
Total or average	--	--	9,920	548.77	93,490	318.83	--	--	41,080	150.21	155,070	268.45
1982:												
1st quarter	--	--	1,700	694.00	28,100	190.41	--	--	11,500	106.98	52,400	151.12
2d quarter	--	--	3,300	212.99	19,800	162.99	--	--	2,450	3.54	32,100	131.41
3d quarter	--	--	--	--	29,300	71.71	--	--	950	7.27	33,600	64.65
4th quarter	--	--	900	12.93	9,110	165.67	--	--	7,400	89.27	21,100	107.43
Total or average	--	--	5,900	321.07	86,110	141.17	--	--	22,300	85.51	139,200	121.34
1983:												
1st quarter	--	--	800	6.41	48,600	247.80	--	--	10,900	62.57	66,000	195.24
2d quarter	--	--	--	--	4,700	12.84	--	--	11,200	130.49	16,600	120.65
3d quarter	--	--	--	--	13,350	228.40	--	--	4,750	31.57	18,900	170.68
4th quarter	--	--	--	--	19,220	197.25	--	--	270	102.00	25,300	156.35
Total or average	--	--	800	6.41	85,870	225.50	--	--	27,120	85.59	126,800	174.06
1984:												
1st quarter	--	--	2,010	37.66	31,390	132.98	1,100	111.00	6,790	15.99	44,290	125.62
2d quarter	--	--	500	45.94	16,600	276.53	--	--	1,900	167.79	40,050	128.85
3d quarter	--	--	2,600	25.46	9,520	131.76	--	--	26,150	37.73	38,730	59.59
4th quarter	--	--	1,000	6.09	11,400	132.88	--	--	6,200	56.53	19,300	97.17
Total or average	--	--	6,110	27.96	68,910	167.20	1,100	111.00	41,050	40.15	142,670	103.75

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture, Pacific Northwest Region includes Oregon and Washington.

**Table 21—Volume and average stumpage price of selected species on the National Forests of eastern Oregon, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				POINDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	6,300	60.13	24,970	47.51	107,240	63.59	--	--	32,980	40.93	275,075	52.24
2d quarter	4,450	97.52	63,035	62.65	156,210	61.30	--	--	58,985	63.43	434,207	59.76
3d quarter	--	--	25,576	64.96	153,401	99.90	--	--	12,920	79.03	228,534	84.53
4th quarter	8,850	120.91	42,980	52.78	116,255	90.33	--	--	63,270	42.37	272,986	63.38
Total or average	19,600	96.06	156,561	57.90	533,106	79.19	--	--	168,155	52.29	1,210,802	63.54
1974:												
1st quarter	--	--	19,486	65.36	176,750	146.91	--	--	73,130	52.30	311,525	102.94
2d quarter	22,840	52.62	37,159	49.43	103,225	142.19	3,200	122.47	97,825	53.33	345,799	83.32
3d quarter	3,220	46.21	15,571	59.75	102,645	115.81	--	--	13,935	66.69	215,972	68.35
4th quarter	--	--	30,412	32.61	165,768	81.43	--	--	25,168	49.07	268,067	60.74
Total or average	26,060	51.83	102,628	49.10	548,388	120.40	3,200	122.47	210,058	53.35	1,141,363	80.54
1975:												
1st quarter	--	--	10,663	23.77	70,950	56.92	--	--	640	30.50	107,652	41.40
2d quarter	--	--	56,743	13.69	259,395	47.17	--	--	68,665	23.76	471,062	35.57
3d quarter	--	--	3,415	10.59	90,782	48.86	--	--	7,160	13.64	127,496	39.01
4th quarter	--	--	39,535	13.53	281,299	36.39	--	--	34,620	10.51	393,239	29.60
Total or average	--	--	110,376	14.52	702,426	44.05	--	--	110,085	19.19	1,099,449	34.41
1976:												
1st quarter	--	--	13,100	9.38	85,950	95.47	--	--	11,050	98.01	126,200	80.50
2d quarter	--	--	75,930	19.74	248,575	69.15	--	--	43,870	23.15	451,235	49.36
3d quarter	--	--	15,614	61.60	121,927	86.33	--	--	11,000	74.22	156,387	80.56
4th quarter	--	--	23,310	78.79	107,223	94.61	--	--	13,450	80.59	160,276	86.89
Total or average	--	--	127,954	34.54	563,675	81.72	--	--	79,370	50.38	894,098	65.95
1977:												
1st quarter	--	--	20,540	88.76	96,346	142.47	--	--	23,215	73.42	186,806	104.39
2d quarter	--	--	29,159	71.27	239,076	123.53	--	--	39,625	87.48	369,343	98.67
3d quarter	--	--	85,653	110.44	212,397	150.62	--	--	40,422	64.27	411,288	111.64
4th quarter	--	--	13,030	55.23	103,853	161.63	--	--	24,219	130.74	189,004	113.79
Total or average	--	--	148,382	95.50	651,672	141.19	--	--	127,481	85.78	1,156,441	106.68
1978:												
1st quarter	--	--	55,515	106.06	174,130	170.56	--	--	40,425	91.58	289,375	140.63
2d quarter	80	110.00	24,440	76.04	96,430	220.56	--	--	20,670	83.74	167,241	159.64
3d quarter	--	--	100,419	186.70	321,114	250.31	--	--	66,451	88.32	570,693	189.67
4th quarter	--	--	5,075	79.05	45,691	264.39	--	--	11,173	186.52	72,334	209.49
Total or average	80	110.00	185,449	145.03	637,365	225.03	--	--	138,719	96.50	1,099,643	173.50
1979:												
1st quarter	--	--	32,264	83.67	147,033	256.03	--	--	22,430	115.82	225,825	198.44
2d quarter	--	--	43,722	125.10	116,975	264.23	5,650	207.95	34,425	181.81	238,742	192.27
3d quarter	--	--	81,000	47.65	302,881	227.50	--	--	79,782	92.34	567,900	154.44
4th quarter	--	--	28,070	82.00	123,281	266.60	--	--	29,600	76.37	223,418	171.98
Total or average	--	--	185,056	77.48	690,170	246.79	5,650	207.95	166,237	111.19	1,255,885	172.66
1980:												
1st quarter	--	--	31,986	126.14	187,580	210.89	--	--	35,897	169.07	305,556	170.69
2d quarter	--	--	16,653	18.44	172,951	187.10	--	--	16,235	48.34	231,555	150.48
3d quarter	--	--	46,880	42.75	188,555	207.82	--	--	65,010	54.11	408,861	116.66
4th quarter	--	--	22,734	40.44	71,042	229.10	--	--	20,530	16.41	159,793	118.26
Total or average	--	--	118,253	62.59	620,128	205.41	--	--	137,672	77.25	1,105,765	138.91
1981:												
1st quarter	--	--	34,360	176.74	157,032	276.70	--	--	44,480	71.76	305,293	182.49
2d quarter	--	--	38,653	79.47	180,832	246.20	--	--	63,864	111.46	322,119	173.57
3d quarter	--	--	65,617	106.47	262,685	171.52	--	--	59,717	141.07	460,669	134.39
4th quarter	--	--	14,575	14.37	79,883	138.41	--	--	25,140	63.74	181,272	75.73
Total or average	--	--	153,205	106.66	680,432	211.75	--	--	193,201	105.12	1,269,353	147.52
1982:												
1st quarter	--	--	28,146	52.31	156,713	118.81	--	--	40,130	37.48	266,410	85.77
2d quarter	--	--	21,110	48.97	140,173	80.99	--	--	20,952	14.53	235,315	60.60
3d quarter	--	--	30,040	19.58	204,107	57.01	--	--	45,751	19.34	406,373	36.89
4th quarter	--	--	23,913	24.80	117,570	73.74	--	--	38,215	38.05	222,483	48.48
Total or average	--	--	103,209	35.73	618,563	81.28	--	--	137,048	28.04	1,130,581	55.62
1983:												
1st quarter	--	--	28,420	19.38	215,890	135.54	--	--	45,615	27.15	356,895	89.67
2d quarter	--	--	25,530	21.00	98,533	133.73	--	--	30,453	56.52	174,190	91.09
3d quarter	--	--	21,041	13.42	167,694	147.43	--	--	44,200	26.93	306,980	90.92
4th quarter	--	--	18,125	23.09	101,472	158.41	--	--	39,210	27.16	206,140	86.87
Total or average	--	--	93,116	19.20	583,589	142.63	--	--	159,478	32.70	1,046,005	89.57
1984:												
1st quarter	--	--	32,640	42.77	158,030	145.67	1,100	111.00	50,380	31.52	283,970	97.00
2d quarter	--	--	21,345	37.24	168,345	173.27	--	--	18,509	19.67	245,120	127.52
3d quarter	--	--	33,565	18.63	170,044	126.64	--	--	72,763	26.53	361,031	70.37
4th quarter	--	--	22,309	22.70	85,976	100.45	--	--	33,560	19.68	184,726	54.54
Total or average	--	--	109,859	30.24	582,395	141.42	1,100	111.00	175,212	25.93	1,075,647	87.71

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 22—Volume and average stumpage price of selected species on the Colville National Forest of the Pacific Northwest Region, 1974-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>3/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1974:												
1st quarter	--	--	--	--	--	--	--	--	--	--	--	--
2d quarter	--	--	--	--	--	--	--	--	--	--	--	--
3d quarter	--	--	--	--	--	--	--	--	--	--	--	--
4th quarter	--	--	17,850	12.21	4,930	33.66	--	--	5,465	2.37	57,170	10.50
Total or average	--	--	17,850	12.21	4,930	33.66	--	--	5,465	2.37	57,170	10.50
1975:												
1st quarter	--	--	--	--	--	--	--	--	--	--	135	59.93
2d quarter	--	--	5,750	2.83	1,975	155.72	1,960	1.00	415	6.51	24,540	50.06
3d quarter	--	--	--	--	--	--	--	--	--	--	--	--
4th quarter	--	--	10,395	36.65	3,710	49.91	--	--	360	19.45	22,625	28.42
Total or average	--	--	16,145	24.60	5,685	86.67	1,960	1.00	775	12.52	47,300	39.74
1976:												
1st quarter	--	--	34	11.41	--	--	--	--	5	10.91	78	42.26
2d quarter	--	--	13,145	38.62	668	27.27	2,480	21.63	2,810	10.43	25,995	35.59
3d quarter	--	--	--	--	--	--	--	--	1,900	1.00	31,980	62.27
4th quarter	--	--	--	--	--	--	--	--	665	46.00	845	46.46
Total or average	--	--	13,179	30.55	668	27.27	2,480	21.63	5,380	10.98	58,898	50.24
1977:												
1st quarter	--	--	5,500	44.76	300	124.77	700	68.88	1,300	62.41	17,600	58.89
2d quarter	--	--	2,990	54.43	--	--	2,600	133.06	40	40.30	9,400	78.08
3d quarter	--	--	14,121	69.66	4,100	105.72	6	65.00	5,700	56.44	42,400	72.42
4th quarter	--	--	18	84.79	13	67.82	--	--	6	79.48	55	74.58
Total or average	--	--	22,629	61.61	4,413	106.90	3,306	119.35	7,046	57.47	69,455	69.76
1978:												
1st quarter	--	--	5,891	83.80	530	97.07	--	--	28	25.91	8,916	70.61
2d quarter	--	--	204	102.85	--	--	--	--	115	62.96	369	83.18
3d quarter	--	--	17,080	76.15	1,230	139.79	4,750	31.71	9,913	61.23	63,526	69.71
4th quarter	--	--	516	58.08	--	--	--	--	15	91.76	1,240	45.05
Total or average	--	--	23,691	77.89	1,760	126.98	4,750	31.71	10,071	61.20	74,051	69.47
1979:												
1st quarter	--	--	93	112.05	209	92.54	--	--	700	87.03	3,647	81.24
2d quarter	--	--	656	23.45	693	68.74	1,700	7.88	374	26.45	4,369	79.02
3d quarter	--	--	13,907	144.99	1,603	200.41	410	29.62	6,595	48.25	66,110	116.32
4th quarter	--	--	340	95.00	--	--	--	--	--	--	4,150	161.29
Total or average	--	--	14,996	138.34	2,505	154.99	2,110	12.11	7,669	50.73	78,276	114.99
1980:												
1st quarter	--	--	5,636	86.40	1,060	268.13	--	--	2,500	18.79	12,896	68.02
2d quarter	--	--	10,600	110.92	--	--	80	68.06	800	46.77	14,775	110.69
3d quarter	--	--	12,360	181.64	3,115	14.43	6,590	27.33	3,950	74.24	54,145	87.40
4th quarter	--	--	1,051	233.33	55	25.12	--	--	1,115	14.71	2,483	107.53
Total or average	--	--	29,647	140.08	4,230	78.15	6,670	27.82	8,365	47.11	84,299	89.11
1981:												
1st quarter	--	--	8,055	124.62	--	--	--	--	1,200	14.93	12,275	106.05
2d quarter	--	--	2,951	50.46	500	41.88	--	--	742	43.12	19,330	28.54
3d quarter	--	--	10,091	78.13	365	445.00	980	44.25	8,210	70.39	59,336	73.05
4th quarter	--	--	--	--	--	--	--	--	--	--	--	--
Total or average	--	--	21,097	92.01	865	211.98	980	44.25	10,152	61.84	90,941	68.04
1982:												
1st quarter	--	--	7,248	87.32	2,885	44.06	450	39.50	1,320	21.88	16,261	68.63
2d quarter	--	--	2,901	31.39	115	13.36	850	34.05	3,345	21.89	32,415	20.40
3d quarter	--	--	2,900	47.87	--	--	--	--	--	--	3,900	43.52
4th quarter	--	--	7,109	38.45	400	17.55	--	--	918	8.58	11,238	36.20
Total or average	--	--	20,158	56.44	3,400	39.90	1,300	35.94	5,583	19.70	63,814	36.89
1983:												
1st quarter	--	--	77	80.89	700	24.04	176	50.25	2,300	12.95	30,600	20.29
2d quarter	--	--	3,998	150.63	--	--	74	65.82	3,905	16.83	14,935	58.10
3d quarter	--	--	7,000	51.29	3,300	96.79	1,792	6.94	110	47.53	31,210	39.78
4th quarter	--	--	772	108.97	750	151.97	--	--	7,380	53.53	20,494	69.90
Total or average	--	--	11,847	92.14	4,750	94.72	2,042	12.81	13,695	36.17	97,239	42.81
1984:												
1st quarter	--	--	539	124.68	73	81.59	--	--	2,526	22.22	19,309	36.85
2d quarter	--	--	349	75.00	1,000	19.35	--	--	242	45.95	13,471	18.32
3d quarter	--	--	592	68.07	20	73.01	--	--	902	29.42	8,226	32.16
4th quarter	--	--	15,465	27.44	--	--	120	10.88	4,217	15.30	30,283	24.13
Total or average	--	--	16,945	32.94	1,093	24.49	120	10.88	7,887	20.11	71,289	27.41

<sup>1/</sup>Colville National Forest transferred from Region 1 to the Pacific Northwest Region in October 1974.

<sup>2/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>3/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture, Pacific Northwest Region includes Oregon and Washington.

**Table 23—Volume and average stumpage price of selected species on the Okanogan National Forest of the Pacific Northwest Region, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				POINDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	--	--	8,020	40.92	3,890	42.07	--	--	--	--	12,350	39.86
2d quarter	--	--	11,590	64.18	17,650	43.82	--	--	--	--	31,755	49.57
3d quarter	--	--	13,670	70.14	23,300	64.81	--	--	--	--	40,690	60.78
4th quarter	--	--	700	97.00	100	90.64	--	--	--	--	1,100	96.82
Total or average	--	--	33,980	61.76	44,940	54.66	--	--	--	--	85,895	54.09
1974:												
1st quarter	--	--	8,600	60.50	20,700	61.05	--	--	--	--	32,500	54.93
2d quarter	--	--	17,565	59.11	13,110	96.97	--	--	--	--	31,975	72.27
3d quarter	--	--	10,460	69.27	4,890	89.45	--	--	--	--	16,640	74.75
4th quarter	--	--	10,720	63.32	4,700	94.46	--	--	--	--	15,480	72.67
Total or average	--	--	47,345	62.56	43,400	78.71	--	--	--	--	96,595	66.93
1975:												
1st quarter	--	--	--	--	3,400	17.38	--	--	--	--	11,600	15.24
2d quarter	--	--	22,300	18.75	29,000	15.45	--	--	--	--	52,500	16.52
3d quarter	--	--	12,000	8.83	--	--	--	--	--	--	21,600	63.58
4th quarter	--	--	18,800	75.20	2,200	60.69	--	--	--	--	11,000	142.57
Total or average	--	--	53,100	36.61	34,600	18.51	--	--	--	--	96,700	41.22
1976:												
1st quarter	--	--	--	--	--	--	--	--	--	--	--	--
2d quarter	--	--	21,100	28.93	20,600	40.50	--	--	--	--	41,700	34.65
3d quarter	--	--	60	2.00	160	43.35	--	--	--	--	220	32.29
4th quarter	--	--	9,300	64.64	2,700	44.38	--	--	--	--	12,320	59.91
Total or average	--	--	30,460	39.78	23,460	40.97	--	--	--	--	54,240	40.37
1977:												
1st quarter	--	--	--	--	--	--	--	--	--	--	--	--
2d quarter	--	--	3,600	62.77	700	96.35	--	--	--	--	4,300	68.24
3d quarter	--	--	19,900	89.96	5,100	86.01	--	--	--	--	25,000	89.15
4th quarter	--	--	107	67.15	82	98.24	--	--	--	--	320	80.71
Total or average	--	--	23,607	85.70	5,882	87.41	--	--	--	--	29,620	87.08
1978:												
1st quarter	--	--	10,100	134.91	--	--	--	--	--	--	10,100	134.91
2d quarter	--	--	19,600	37.85	9,900	58.49	--	--	--	--	30,300	45.44
3d quarter	--	--	58,090	51.66	7,120	218.46	--	--	--	--	70,510	66.03
4th quarter	--	--	--	--	--	--	--	--	--	--	--	--
Total or average	--	--	87,790	58.16	17,020	125.39	--	--	--	--	110,910	66.68
1979:												
1st quarter	--	--	11,853	19.84	4,800	60.29	--	--	--	--	17,453	34.91
2d quarter	--	--	4,000	54.60	3,420	82.76	--	--	--	--	7,720	66.14
3d quarter	--	--	40,965	37.13	19,220	214.24	--	--	--	--	64,465	87.76
4th quarter	--	--	2,600	54.78	2,300	299.55	--	--	--	--	4,900	169.67
Total or average	--	--	59,418	35.63	29,740	180.87	--	--	--	--	94,538	80.48
1980:												
1st quarter	--	--	15,490	134.52	4,300	354.09	--	--	--	--	21,190	171.31
2d quarter	--	--	1,060	11.82	--	--	--	--	--	--	1,200	10.78
3d quarter	--	--	11,980	20.21	7,220	64.61	--	--	--	--	20,860	32.22
4th quarter	--	--	16,000	145.04	--	--	--	--	--	--	16,300	142.45
Total or average	--	--	44,530	104.63	11,520	172.67	--	--	--	--	59,550	112.16
1981:												
1st quarter	--	--	18,421	14.62	7,529	104.91	--	--	--	--	25,950	40.82
2d quarter	--	--	3,600	102.00	--	--	--	--	--	--	13,100	116.50
3d quarter	--	--	9,350	57.89	13,435	69.06	--	--	--	--	24,085	61.75
4th quarter	--	--	--	--	--	--	--	--	--	--	--	--
Total or average	--	--	31,371	37.54	20,964	81.94	--	--	--	--	63,135	64.51
1982:												
1st quarter	--	--	5,300	17.17	8,550	40.52	--	--	--	--	13,850	31.58
2d quarter	--	--	15,140	63.95	--	--	--	--	--	--	15,140	63.95
3d quarter	--	--	8,908	16.19	2,780	44.00	--	--	--	--	11,760	22.91
4th quarter	--	--	160	21.00	--	--	--	--	--	--	690	11.70
Total or average	--	--	29,508	40.90	11,330	41.40	--	--	--	--	41,440	40.62
1983:												
1st quarter	--	--	20,300	27.56	9,200	141.17	--	--	--	--	31,300	61.09
2d quarter	--	--	22,000	67.45	1,935	71.00	--	--	--	--	23,935	67.74
3d quarter	--	--	16,500	40.22	7,054	13.72	--	--	--	--	24,754	32.22
4th quarter	--	--	16,300	64.71	1,200	115.00	--	--	--	--	18,800	64.22
Total or average	--	--	75,100	50.09	19,389	86.18	--	--	--	--	98,789	56.06
1984:												
1st quarter	--	--	7,191	86.27	120	25.37	--	--	--	--	8,111	86.44
2d quarter	--	--	8,020	29.88	3,100	16.59	--	--	--	--	11,120	26.17
3d quarter	--	--	10,800	23.65	6,000	13.12	--	--	--	--	16,800	19.89
4th quarter	--	--	16,617	21.27	3,683	26.23	--	--	--	--	22,600	38.40
Total or average	--	--	42,628	34.46	12,903	18.04	--	--	--	--	58,631	37.43

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 24—Volume and average stumpage price of selected species on the Wenatchee National Forest of the Pacific Northwest Region, 1973-84<sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				POUDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
<b>1973:</b>												
1st quarter	1,500	55.03	10,910	23.88	439	20.70	1,015	46.72	7,984	96.97	26,988	45.56
2d quarter	1,950	117.26	30,945	52.09	6,090	34.22	1,900	112.11	13,360	99.09	58,850	70.09
3d quarter	--	--	746	75.24	--	--	489	83.23	496	75.10	1,986	67.52
4th quarter	--	--	5,895	54.23	6,545	44.62	--	--	3,685	71.27	20,225	52.11
Total or average	3,450	90.20	49,496	52.77	13,074	38.98	3,404	88.46	26,125	94.06	108,059	60.55
<b>1974:</b>												
1st quarter	--	--	3,600	67.45	1,500	75.16	--	--	1,840	117.21	8,100	73.57
2d quarter	2,700	62.66	22,224	44.41	13,499	85.01	11,750	95.31	11,500	38.81	70,622	55.62
3d quarter	--	--	190	30.23	440	64.69	95	132.98	74	36.04	1,092	52.68
4th quarter	--	--	7,240	27.94	6,360	29.91	--	--	7,740	28.15	22,360	28.47
Total or average	2,700	62.66	33,254	43.23	21,798	67.85	11,845	95.62	21,154	41.72	102,174	51.07
<b>1975:</b>												
1st quarter	--	--	11,060	35.33	9,000	10.53	5,100	10.99	--	--	29,100	24.46
2d quarter	--	--	29,330	20.74	8,570	22.30	2,900	108.05	8,600	51.82	64,310	39.09
3d quarter	--	--	18,940	11.82	9,200	9.61	--	--	5,400	3.96	58,630	10.22
4th quarter	--	--	21,109	26.10	9,568	21.33	--	--	6,951	60.46	39,089	31.08
Total or average	--	--	80,439	22.05	35,438	16.14	7,400	46.67	21,021	42.39	191,120	26.37
<b>1976:</b>												
1st quarter	--	--	4,420	5.90	6,431	95.27	--	--	36	8.83	12,987	49.88
2d quarter	--	--	21,110	48.63	6,820	85.42	6,500	12.17	6,570	59.44	46,040	48.94
3d quarter	--	--	13,209	6.38	349	13.31	--	--	5,955	3.70	27,240	20.48
4th quarter	--	--	2,675	60.87	3,600	83.99	--	--	415	63.01	6,750	72.79
Total or average	--	--	41,414	30.47	17,199	87.39	6,500	12.17	12,974	33.84	93,017	40.49
<b>1977:</b>												
1st quarter	--	--	9,339	72.39	992	9.99	5,600	88.39	1,919	43.97	19,413	63.47
2d quarter	--	--	22,140	37.16	7,214	81.00	70	83.66	7,467	42.65	38,831	48.34
3d quarter	--	--	17,019	46.60	12,880	91.11	--	--	9,674	34.88	41,613	56.35
4th quarter	--	--	2,385	124.08	525	13.45	--	--	--	--	3,150	97.00
Total or average	--	--	51,683	50.79	21,611	82.13	5,670	88.33	19,060	38.84	103,007	56.00
<b>1978:</b>												
1st quarter	--	--	3,747	93.17	1,586	79.52	--	--	1,100	60.88	6,602	82.71
2d quarter	--	--	6,321	70.17	3,060	85.12	--	--	2,090	112.55	11,830	83.34
3d quarter	--	--	61,449	59.54	38,350	149.62	13,978	175.93	21,648	136.95	137,501	116.93
4th quarter	--	--	2,620	31.80	2,260	274.35	--	--	--	--	4,880	144.13
Total or average	--	--	74,137	61.17	45,256	149.20	13,978	175.93	24,838	131.53	160,813	113.82
<b>1979:</b>												
1st quarter	--	--	30,528	95.21	15,925	111.16	3,700	172.93	15,345	150.73	68,473	111.60
2d quarter	--	--	3,540	146.65	1,400	330.59	54	17.57	1,031	58.30	6,225	170.77
3d quarter	--	--	58,830	59.30	22,795	95.98	8,370	159.14	10,867	357.61	119,315	136.07
4th quarter	--	--	1,160	34.41	840	66.98	--	--	80	79.16	2,070	49.36
Total or average	--	--	94,051	74.25	40,960	109.30	12,124	300.79	35,323	258.36	196,083	127.71
<b>1980:</b>												
1st quarter	--	--	16,727	35.32	10,842	111.21	2,900	127.66	8,451	299.16	41,955	119.62
2d quarter	--	--	4,062	36.94	97	129.92	--	--	1,900	220.47	6,289	95.57
3d quarter	--	--	54,659	37.50	20,770	17.06	13,320	379.14	35,050	171.33	136,833	104.42
4th quarter	--	--	2,000	9.60	1,000	90.00	--	--	1,000	8.60	5,140	24.73
Total or average	--	--	77,448	36.34	32,709	50.83	16,220	334.18	46,481	155.47	190,217	105.33
<b>1981:</b>												
1st quarter	--	--	10,795	19.80	5,161	282.95	--	--	4,852	6.31	22,594	76.07
2d quarter	--	--	10,839	10.15	63,385	465.48	1,200	45.00	7,500	79.69	35,964	107.23
3d quarter	--	--	60,344	73.77	16,465	120.68	13,696	136.39	34,085	111.99	128,900	96.25
4th quarter	--	--	75	5.22	--	--	--	--	5,045	69.67	6,020	59.45
Total or average	--	--	90,053	53.90	28,011	229.17	14,796	128.98	51,782	93.08	193,478	94.79
<b>1982:</b>												
1st quarter	--	--	4,330	20.58	130	46.07	1,900	179.90	1,900	11.67	8,560	53.91
2d quarter	--	--	19,069	12.61	8,100	33.64	4,560	107.57	3,403	95.97	38,712	35.49
3d quarter	--	--	46,990	31.15	14,760	10.56	1,754	24.15	30,370	23.04	100,974	23.79
4th quarter	--	--	2,370	47.09	4,050	74.12	--	--	110	26.64	6,530	63.51
Total or average	--	--	72,539	26.34	27,040	27.15	8,214	106.49	35,783	29.39	154,776	30.06
<b>1983:</b>												
1st quarter	--	--	5,260	127.60	2,300	68.18	2,140	19.13	5,010	114.81	16,720	86.67
2d quarter	--	--	4,930	121.51	2,400	41.32	--	--	4,825	19.65	14,520	62.00
3d quarter	--	--	56,019	27.90	13,070	67.17	16,500	6.21	31,950	17.51	125,732	25.49
4th quarter	--	--	7,885	14.23	6,315	58.18	--	--	6,470	43.26	21,580	35.73
Total or average	--	--	73,894	39.82	23,885	62.29	18,640	7.70	47,455	31.46	178,352	35.40
<b>1984:</b>												
1st quarter	--	--	30,578	62.64	12,465	56.09	2,960	15.81	5,277	20.95	52,720	52.92
2d quarter	--	--	21,959	39.50	4,980	65.93	--	--	13,500	6.12	41,439	33.34
3d quarter	--	--	13,600	26.15	6,000	46.37	--	--	8,930	20.65	35,880	26.46
4th quarter	--	--	9,300	26.43	4,000	25.99	--	--	--	--	13,300	26.29
Total or average	--	--	75,437	44.67	27,635	55.00	2,960	15.81	27,707	13.63	143,389	38.17

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source--U.S. Department of Agriculture, Pacific Northwest Region includes Oregon and Washington.

**Table 25—Volume and average stumpage price of selected species on the National Forests of eastern Washington, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIR <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
<b>1973:</b>												
1st quarter	1,500	55.03	18,930	31.10	4,329	39.90	1,015	46.72	7,984	96.97	39,338	43.77
2d quarter	1,950	117.26	42,535	62.66	23,740	41.36	1,900	112.11	13,960	99.09	90,605	62.90
3d quarter	--	--	14,416	70.40	23,300	64.81	489	83.23	496	75.10	42,686	61.10
4th quarter	--	--	7,595	58.17	6,645	45.32	--	--	3,685	71.27	21,325	54.42
Total or average	3,450	90.20	83,476	56.43	58,014	51.13	3,404	88.46	26,125	94.06	193,954	57.69
<b>1974:</b>												
1st quarter	--	--	12,200	62.55	22,200	62.00	--	--	1,840	117.21	40,600	58.65
2d quarter	2,700	62.66	39,789	50.80	26,608	90.90	11,750	95.31	11,500	38.81	102,597	60.81
3d quarter	--	--	10,650	68.57	5,330	87.37	95	132.98	74	36.04	17,732	73.39
4th quarter	--	--	35,810	30.69	15,990	50.04	--	--	13,205	17.48	95,010	24.86
Total or average	2,700	62.66	98,449	46.90	70,128	72.17	11,845	95.62	26,619	33.64	256,939	47.99
<b>1975:</b>												
1st quarter	--	--	11,050	35.33	11,400	12.57	5,100	18.99	--	--	40,835	21.96
2d quarter	--	--	55,850	18.10	39,165	23.64	4,260	58.80	8,025	56.13	137,850	32.23
3d quarter	--	--	30,940	18.66	9,200	9.81	--	--	5,400	3.86	80,230	24.59
4th quarter	--	--	50,304	45.81	15,598	35.52	--	--	7,421	34.36	82,713	39.63
Total or average	--	--	147,954	27.26	75,363	22.32	9,360	37.11	20,846	34.86	341,628	31.00
<b>1976:</b>												
1st quarter	--	--	4,454	5.95	5,431	95.27	--	--	41	9.07	13,065	49.83
2d quarter	--	--	55,355	38.06	28,088	51.13	8,980	14.78	9,380	44.75	113,735	39.03
3d quarter	--	--	13,269	6.36	508	22.77	--	--	7,853	3.05	58,440	43.01
4th quarter	--	--	11,975	63.80	5,300	67.01	--	--	1,080	49.98	19,915	63.70
Total or average	--	--	85,053	35.05	41,327	60.07	8,980	14.78	18,254	27.14	206,155	43.24
<b>1977:</b>												
1st quarter	--	--	14,839	62.15	1,292	36.64	6,300	86.22	3,219	51.42	37,013	61.30
2d quarter	--	--	28,730	42.17	7,914	82.34	2,670	131.76	7,507	42.63	52,531	55.30
3d quarter	--	--	51,840	69.53	22,080	92.65	6	65.00	15,374	42.87	109,013	70.20
4th quarter	--	--	2,510	121.38	620	25.80	--	--	6	79.50	3,525	96.17
Total or average	--	--	97,919	61.71	31,906	86.53	8,976	99.75	26,106	43.67	202,082	65.13
<b>1978:</b>												
1st quarter	--	--	19,738	111.73	2,116	83.96	--	--	1,128	60.01	25,618	99.15
2d quarter	--	--	26,125	46.18	12,960	64.70	--	--	2,205	109.97	42,499	56.04
3d quarter	--	--	136,619	58.27	46,700	160.02	10,728	139.35	31,561	113.17	271,537	92.66
4th quarter	--	--	3,136	36.13	2,250	274.35	--	--	15	91.83	6,120	124.06
Total or average	--	--	185,618	61.88	64,036	142.27	10,728	139.35	34,909	111.24	345,774	89.20
<b>1979:</b>												
1st quarter	--	--	42,474	74.22	20,934	99.31	3,700	172.93	16,045	147.95	89,573	95.42
2d quarter	--	--	8,196	91.86	5,513	143.93	1,754	6.18	1,405	49.83	18,314	104.78
3d quarter	--	--	113,705	62.05	43,618	151.92	8,780	343.75	25,462	277.48	249,890	118.38
4th quarter	--	--	4,090	52.40	3,140	237.33	--	--	80	79.16	11,120	144.15
Total or average	--	--	168,465	66.33	73,205	139.94	14,234	258.00	42,992	221.33	368,897	112.91
<b>1980:</b>												
1st quarter	--	--	37,853	83.52	16,202	185.94	2,900	127.66	10,953	235.15	76,041	125.27
2d quarter	--	--	15,722	35.13	97	129.92	80	68.06	2,780	170.48	22,264	101.04
3d quarter	--	--	78,999	57.50	31,105	27.84	19,910	262.70	39,000	116.56	211,838	93.16
4th quarter	--	--	19,051	135.69	1,055	86.64	--	--	2,115	11.82	23,923	113.53
Total or average	--	--	151,625	76.68	48,459	82.16	22,890	244.91	54,846	138.93	334,066	102.45
<b>1981:</b>												
1st quarter	--	--	37,271	39.80	12,690	177.32	--	--	6,052	8.02	60,819	67.08
2d quarter	--	--	25,390	27.86	6,885	434.71	1,200	45.90	8,542	76.42	68,394	86.77
3d quarter	--	--	79,785	72.46	30,265	101.68	14,576	130.20	42,295	103.91	212,321	85.85
4th quarter	--	--	75	5.23	--	--	--	--	5,045	69.87	6,020	59.45
Total or average	--	--	142,521	55.94	49,840	165.94	15,776	123.72	61,934	87.96	347,554	82.29
<b>1982:</b>												
1st quarter	--	--	15,878	48.24	11,565	41.49	2,250	153.02	3,220	15.86	38,671	52.11
2d quarter	--	--	37,890	34.67	8,215	33.26	5,410	96.02	6,748	59.25	86,267	34.81
3d quarter	--	--	57,798	30.08	17,540	15.88	1,754	24.15	30,370	23.04	116,634	24.38
4th quarter	--	--	9,639	40.29	4,450	69.03	--	--	1,028	10.51	18,458	44.95
Total or average	--	--	122,205	34.82	41,770	32.05	9,514	96.85	41,366	28.08	260,030	33.42
<b>1983:</b>												
1st quarter	--	--	25,637	48.24	12,000	121.56	2,316	21.49	7,310	82.76	78,620	50.65
2d quarter	--	--	30,928	88.11	4,335	54.57	74	55.82	7,830	17.76	83,190	63.49
3d quarter	--	--	79,519	32.51	23,424	55.25	18,292	6.28	32,060	17.70	181,696	28.86
4th quarter	--	--	24,757	50.42	8,265	74.91	--	--	13,950	48.73	60,874	56.03
Total or average	--	--	160,841	48.47	48,024	75.14	20,682	8.20	61,150	32.51	374,380	42.77
<b>1984:</b>												
1st quarter	--	--	38,308	67.95	12,848	55.95	2,960	15.81	7,803	21.36	80,190	52.45
2d quarter	--	--	30,368	37.67	9,080	55.26	--	--	13,742	6.82	66,030	29.07
3d quarter	--	--	24,992	25.50	12,020	29.82	--	--	9,832	21.46	60,906	25.41
4th quarter	--	--	41,382	24.74	7,683	26.10	120	10.88	4,217	15.38	66,183	29.44
Total or average	--	--	135,050	39.98	41,631	42.75	3,080	15.62	35,594	15.07	273,309	35.20

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture, Pacific Northwest Region includes Oregon and Washington.

**Table 26—Volume and average stumpage price of selected species on the National Forests of eastern Oregon and eastern Washington, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PACIFIC DOUGLAS AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
<b>1973:</b>												
1st quarter	7,800	59.15	43,920	40.43	111,569	62.67	1,015	46.72	40,964	51.85	314,413	51.10
2d quarter	6,400	103.53	105,370	62.65	179,950	58.67	1,900	112.11	72,945	70.25	524,812	60.30
3d quarter	--	--	39,992	66.92	176,701	95.26	--	83.23	13,416	78.88	271,220	80.84
4th quarter	0,050	120.91	50,755	53.40	122,900	87.90	--	--	66,955	93.96	294,311	62.73
<b>Total or average</b>	<b>23,050</b>	<b>95.18</b>	<b>240,217</b>	<b>57.35</b>	<b>591,120</b>	<b>76.44</b>	<b>3,404</b>	<b>88.46</b>	<b>194,280</b>	<b>57.91</b>	<b>1,404,756</b>	<b>62.74</b>
<b>1974:</b>												
1st quarter	--	--	31,686	64.28	198,950	137.43	--	--	74,970	53.89	352,125	97.03
2d quarter	25,540	53.62	76,948	50.19	129,833	131.68	14,950	101.13	109,325	51.80	440,396	78.17
3d quarter	3,220	46.21	26,221	63.33	107,975	114.40	95	132.98	14,009	66.52	233,704	68.73
4th quarter	--	--	66,222	31.66	181,756	78.67	--	--	38,373	38.20	363,077	51.35
<b>Total or average</b>	<b>28,760</b>	<b>52.84</b>	<b>201,077</b>	<b>48.02</b>	<b>610,516</b>	<b>114.94</b>	<b>15,045</b>	<b>101.33</b>	<b>236,677</b>	<b>51.13</b>	<b>1,397,302</b>	<b>80.33</b>
<b>1975:</b>												
1st quarter	--	--	21,743	29.65	82,350	50.78	5,100	18.99	640	38.50	148,487	36.05
2d quarter	--	--	112,293	15.87	298,560	44.08	4,260	58.80	76,690	27.15	608,912	34.82
3d quarter	--	--	34,355	10.56	99,982	45.27	--	--	12,560	9.48	207,726	33.44
4th quarter	--	--	89,839	31.61	296,897	36.24	--	--	42,041	14.72	475,952	31.35
<b>Total or average</b>	<b>--</b>	<b>--</b>	<b>258,230</b>	<b>21.81</b>	<b>777,789</b>	<b>41.96</b>	<b>9,360</b>	<b>37.11</b>	<b>131,931</b>	<b>21.52</b>	<b>1,441,077</b>	<b>33.60</b>
<b>1976:</b>												
1st quarter	--	--	17,554	8.51	92,381	95.46	--	--	11,091	97.69	139,265	77.70
2d quarter	--	--	131,285	27.46	276,663	67.32	8,980	14.78	51,250	26.96	564,970	70.28
3d quarter	--	--	28,883	36.22	122,435	86.07	--	--	18,853	44.57	215,827	47.22
4th quarter	--	--	35,285	73.70	113,623	93.08	--	--	14,530	78.31	180,191	84.32
<b>Total or average</b>	<b>--</b>	<b>--</b>	<b>213,007</b>	<b>34.75</b>	<b>605,002</b>	<b>80.25</b>	<b>8,980</b>	<b>14.78</b>	<b>97,724</b>	<b>46.02</b>	<b>1,100,253</b>	<b>61.70</b>
<b>1977:</b>												
1st quarter	--	--	35,379	77.59	97,638	141.07	6,300	85.22	26,434	70.74	223,819	97.27
2d quarter	--	--	57,889	56.83	246,990	122.21	2,670	131.76	47,132	80.33	421,874	93.27
3d quarter	--	--	137,493	95.67	234,477	145.17	6	65.00	55,796	58.17	520,301	102.95
4th quarter	--	--	15,540	65.91	104,473	160.83	--	--	24,225	130.73	192,529	113.44
<b>Total or average</b>	<b>--</b>	<b>--</b>	<b>246,301</b>	<b>82.07</b>	<b>683,578</b>	<b>138.60</b>	<b>8,976</b>	<b>99.75</b>	<b>153,587</b>	<b>78.65</b>	<b>1,358,523</b>	<b>100.49</b>
<b>1978:</b>												
1st quarter	--	--	75,253	107.55	176,246	169.52	--	--	41,553	90.72	314,993	137.26
2d quarter	80	110.00	50,565	50.81	109,390	202.11	--	--	22,875	86.27	208,740	138.65
3d quarter	--	--	237,038	112.68	367,814	238.84	18,728	139.35	98,012	96.52	642,230	158.48
4th quarter	--	--	8,211	62.66	47,951	264.86	--	--	11,188	186.40	78,454	202.93
<b>Total or average</b>	<b>80</b>	<b>110.00</b>	<b>371,067</b>	<b>103.44</b>	<b>701,401</b>	<b>217.47</b>	<b>18,728</b>	<b>139.35</b>	<b>173,628</b>	<b>99.46</b>	<b>1,445,417</b>	<b>153.33</b>
<b>1979:</b>												
1st quarter	--	--	74,738	78.38	167,967	236.50	3,700	172.93	58,473	129.23	315,398	169.18
2d quarter	--	--	51,919	119.85	122,888	258.82	7,404	160.63	35,830	176.63	287,956	186.04
3d quarter	--	--	194,705	56.06	346,499	217.98	8,780	343.75	106,244	137.13	817,790	143.20
4th quarter	--	--	32,160	78.24	126,421	265.87	--	--	29,680	76.98	234,538	170.66
<b>Total or average</b>	<b>--</b>	<b>--</b>	<b>353,521</b>	<b>72.17</b>	<b>763,775</b>	<b>236.54</b>	<b>19,884</b>	<b>243.78</b>	<b>209,229</b>	<b>133.82</b>	<b>1,624,782</b>	<b>160.09</b>
<b>1980:</b>												
1st quarter	--	--	69,839	103.04	203,762	208.90	2,900	327.66	46,848	184.52	381,597	161.64
2d quarter	--	--	32,375	50.83	173,048	187.07	80	68.06	19,015	62.35	253,819	146.14
3d quarter	--	--	125,879	52.00	219,660	182.33	19,910	262.70	104,010	77.53	620,699	108.64
4th quarter	--	--	41,785	87.13	72,997	227.02	--	--	22,645	15.90	183,716	117.65
<b>Total or average</b>	<b>--</b>	<b>--</b>	<b>269,878</b>	<b>70.51</b>	<b>669,567</b>	<b>196.47</b>	<b>22,890</b>	<b>244.91</b>	<b>192,518</b>	<b>94.83</b>	<b>1,439,831</b>	<b>130.45</b>
<b>1981:</b>												
1st quarter	--	--	71,631	105.49	169,722	269.27	--	--	50,532	63.60	366,112	163.32
2d quarter	--	--	64,403	58.68	187,717	252.64	1,200	45.00	72,406	107.32	390,513	158.36
3d quarter	--	--	145,402	87.81	292,950	164.30	14,576	130.20	102,012	125.66	672,980	119.09
4th quarter	--	--	14,650	14.32	79,883	138.41	--	--	30,185	64.73	187,292	75.21
<b>Total or average</b>	<b>--</b>	<b>--</b>	<b>296,086</b>	<b>82.11</b>	<b>730,272</b>	<b>208.57</b>	<b>15,776</b>	<b>123.72</b>	<b>255,135</b>	<b>100.96</b>	<b>1,616,907</b>	<b>133.50</b>
<b>1982:</b>												
1st quarter	--	--	45,024	56.79	168,298	113.49	2,350	153.02	43,350	35.87	305,081	81.50
2d quarter	--	--	59,000	39.79	148,080	78.35	5,410	96.02	27,700	25.42	321,582	53.66
3d quarter	--	--	87,838	26.49	221,647	53.75	1,754	24.15	76,121	20.82	523,007	34.10
4th quarter	--	--	33,552	29.25	122,020	73.56	--	--	31,243	37.14	240,941	48.21
<b>Total or average</b>	<b>--</b>	<b>--</b>	<b>225,414</b>	<b>36.23</b>	<b>660,333</b>	<b>78.17</b>	<b>9,514</b>	<b>96.85</b>	<b>178,414</b>	<b>28.05</b>	<b>1,390,611</b>	<b>51.47</b>
<b>1983:</b>												
1st quarter	--	--	54,057	33.08	227,890	134.80	2,310	21.40	52,925	34.84	435,515	82.62
2d quarter	--	--	56,458	57.77	102,868	130.40	74	65.42	35,353	48.51	227,060	84.63
3d quarter	--	--	180,960	28.52	191,118	136.13	18,292	6.28	76,260	23.05	488,676	67.85
4th quarter	--	--	42,862	38.87	109,737	152.12	--	--	53,760	32.79	268,814	79.84
<b>Total or average</b>	<b>--</b>	<b>--</b>	<b>234,337</b>	<b>37.74</b>	<b>631,613</b>	<b>137.60</b>	<b>20,982</b>	<b>8.20</b>	<b>228,628</b>	<b>31.45</b>	<b>1,419,065</b>	<b>77.29</b>
<b>1984:</b>												
1st quarter	--	--	70,848	56.37	170,770	136.82	3,050	41.50	58,123	30.15	384,160	67.19
2d quarter	--	--	51,713	27.31	147,625	164.23	--	--	32,251	34.10	311,150	106.61
3d quarter	--	--	58,257	21.50	192,054	120.24	--	--	82,525	26.92	432,737	60.59
4th quarter	--	--	63,691	84.72	34,352	94.39	140	10.88	31,777	19.28	250,959	47.72
<b>Total or average</b>	<b>--</b>	<b>--</b>	<b>244,509</b>	<b>35.61</b>	<b>624,926</b>	<b>134.83</b>	<b>3,190</b>	<b>40.72</b>	<b>228,628</b>	<b>24.10</b>	<b>1,348,956</b>	<b>77.92</b>

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture, Pacific Northwest Region includes Oregon and Washington.

**Table 27—Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				POINDESSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
<b>1973:</b>												
1st quarter	210,532	109.86	53,800	40.59	120,860	65.60	128,869	105.75	83,539	66.40	796,605	74.84
2d quarter	590,779	133.62	117,010	52.93	193,295	58.49	210,872	84.45	134,240	73.65	1,613,766	90.71
3d quarter	282,151	146.37	49,152	57.65	194,516	93.99	140,253	106.92	43,313	118.69	861,960	104.10
4th quarter	526,807	152.59	62,745	65.02	139,325	87.58	167,731	117.05	137,829	60.34	1,226,749	110.99
Total or average	1,610,269	138.92	282,707	59.96	648,016	76.73	647,725	102.00	398,921	72.44	4,499,100	96.00
<b>1974:</b>												
1st quarter	221,915	202.32	57,086	92.85	221,433	131.33	68,191	98.15	115,671	78.55	820,603	124.49
2d quarter	663,968	238.81	95,398	64.20	151,331	135.27	302,694	128.64	170,719	79.62	1,695,303	155.06
3d quarter	229,502	217.37	36,421	89.79	111,430	113.16	101,053	140.03	36,424	84.32	670,597	129.79
4th quarter	653,655	155.48	95,147	58.85	195,163	77.91	227,744	79.49	136,827	81.63	1,593,651	100.19
Total or average	1,769,040	200.66	284,052	71.44	679,357	113.88	669,682	102.74	459,641	80.32	4,780,154	127.98
<b>1975:</b>												
1st quarter	250,061	156.10	22,973	31.81	82,380	50.78	95,455	34.91	640	30.50	617,976	85.10
2d quarter	664,782	164.05	133,953	33.67	311,514	44.93	275,682	73.21	140,769	45.29	1,896,505	91.80
3d quarter	301,216	178.37	39,705	12.06	106,922	43.87	33,055	58.38	39,979	36.35	787,938	98.22
4th quarter	645,299	180.47	116,219	39.04	311,881	36.26	287,462	72.06	108,363	45.45	1,695,695	99.67
Total or average	1,861,358	170.45	312,850	32.89	812,667	42.06	751,654	66.07	289,751	44.08	4,998,114	94.65
<b>1976:</b>												
1st quarter	172,169	207.10	18,534	10.51	94,666	95.30	58,906	84.97	24,821	76.62	462,275	123.51
2d quarter	663,790	173.77	141,485	33.45	283,429	67.14	300,991	73.30	125,705	45.06	1,850,077	100.02
3d quarter	195,279	141.85	31,283	40.78	128,064	87.00	122,364	72.10	43,447	61.04	668,284	91.55
4th quarter	235,532	188.37	35,536	73.48	113,820	93.15	96,810	90.90	25,580	84.28	591,956	124.44
Total or average	1,266,770	176.10	226,837	38.86	619,987	80.32	579,071	77.18	219,553	56.36	3,569,592	105.53
<b>1977:</b>												
1st quarter	604,927	23.81	51,479	284.66	172,778	115.24	182,990	92.69	82,422	97.98	1,399,930	150.68
2d quarter	400,517	224.68	63,389	231.47	251,100	121.85	152,589	66.34	95,402	77.32	1,157,196	135.57
3d quarter	474,274	210.97	148,113	94.52	247,177	141.59	233,493	89.43	122,076	76.53	1,465,748	134.34
4th quarter	183,914	228.69	15,540	65.91	106,183	159.38	51,968	84.94	37,095	117.59	501,278	146.98
Total or average	1,663,632	148.28	278,521	159.23	777,238	131.79	621,030	84.34	336,995	86.55	4,524,152	141.11
<b>1978:</b>												
1st quarter	486,015	248.82	92,759	122.07	185,845	166.70	186,979	95.73	83,108	93.62	1,196,940	170.78
2d quarter	336,580	235.39	62,395	69.21	119,749	198.99	97,834	91.44	59,420	91.68	828,234	161.50
3d quarter	850,897	249.11	242,089	111.64	375,361	238.09	329,517	126.17	278,043	100.05	2,410,827	178.40
4th quarter	144,796	292.74	10,786	65.42	52,871	254.31	54,307	166.76	19,950	158.06	329,281	214.19
Total or average	1,818,288	249.97	408,029	106.30	733,826	214.80	668,637	115.87	440,521	100.33	4,765,202	176.04
<b>1979:</b>												
1st quarter	669,150	347.72	92,668	102.62	173,250	235.86	274,236	152.12	122,816	247.41	1,543,985	240.44
2d quarter	303,584	389.72	69,328	133.65	129,359	284.29	168,761	155.30	90,576	197.96	980,360	244.25
3d quarter	788,403	423.69	199,279	59.67	354,117	217.13	324,767	254.84	227,899	183.06	2,269,124	265.68
4th quarter	178,697	447.01	36,660	117.98	128,677	264.53	50,081	221.06	43,180	83.55	539,824	262.71
Total or average	1,940,134	394.40	398,335	87.96	785,403	235.15	817,845	197.81	484,471	193.29	5,253,333	256.64
<b>1980:</b>												
1st quarter	653,068	484.04	76,719	109.50	212,587	204.23	200,342	205.15	129,063	195.30	1,524,951	309.03
2d quarter	432,184	373.96	35,625	47.50	174,458	185.69	172,251	231.18	94,383	188.55	1,090,368	249.78
3d quarter	645,411	394.87	134,349	57.27	230,442	178.31	232,530	234.08	188,155	139.71	1,783,355	229.65
4th quarter	329,599	456.33	45,052	82.25	76,514	232.34	82,676	155.17	60,745	129.65	755,549	294.32
Total or average	2,060,262	428.58	291,745	73.67	694,004	194.06	687,799	215.44	472,346	163.36	5,114,227	265.65
<b>1981:</b>												
1st quarter	609,342	463.81	85,331	139.27	172,602	265.50	144,818	179.50	109,532	101.00	1,361,431	288.93
2d quarter	305,400	342.13	71,573	77.44	180,777	252.66	115,515	223.22	108,129	107.81	952,099	219.14
3d quarter	820,142	288.10	148,582	87.15	299,190	166.64	398,665	157.53	214,622	116.96	2,291,460	182.11
4th quarter	223,274	260.13	21,950	18.06	88,023	143.19	61,172	74.23	58,423	64.27	578,193	149.62
Total or average	1,958,156	348.02	327,416	94.03	748,592	208.36	720,170	165.41	490,706	105.11	5,183,183	213.73
<b>1982:</b>												
1st quarter	505,362	153.92	46,014	50.70	178,613	108.62	202,547	48.93	110,090	67.85	1,273,159	99.32
2d quarter	376,418	97.67	68,700	35.65	176,583	72.01	108,652	31.87	51,350	31.56	988,752	65.77
3d quarter	577,739	99.08	90,028	27.90	226,377	54.56	231,496	37.81	190,679	23.15	1,675,143	55.09
4th quarter	363,310	134.94	46,452	29.58	123,120	73.34	96,415	70.38	57,213	41.54	867,150	88.07
Total or average	1,822,829	121.14	251,194	34.50	704,693	75.91	639,110	45.24	409,332	38.80	4,804,204	74.96
<b>1983:</b>												
1st quarter	678,242	182.39	58,177	32.69	233,830	132.73	226,004	51.62	120,680	58.85	1,662,831	109.70
2d quarter	356,733	163.81	57,608	56.70	105,338	128.63	137,865	71.69	93,813	78.38	893,295	105.15
3d quarter	385,732	144.61	111,960	30.68	196,025	134.99	126,403	55.53	161,520	51.26	1,243,901	87.62
4th quarter	346,733	155.05	49,232	38.82	117,192	148.64	73,335	85.40	125,940	53.23	879,476	106.32
Total or average	1,767,440	163.01	276,977	38.04	652,385	135.61	563,607	61.80	501,953	58.65	4,681,203	102.48
<b>1984:</b>												
1st quarter	505,091	152.69	75,248	54.93	177,303	136.68	147,341	73.06	102,498	41.37	1,264,123	106.27
2d quarter	260,348	125.70	51,393	43.84	180,465	165.64	87,807	61.82	92,336	29.59	833,702	100.72
3d quarter	639,140	95.19	67,057	22.15	185,709	118.62	181,393	46.07	160,560	33.39	1,544,134	71.56
4th quarter	331,933	107.82	68,546	29.79	96,099	93.57	104,160	44.16	86,757	27.97	844,854	69.17
Total or average	1,736,512	118.90	272,244	38.03	639,576	133.13	520,701	55.95	442,151	33.38	4,486,813	86.31

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

**Table 28—Volume and average stumpage price of selected species on the National Forests in the State of Oregon, 1973-84 <sup>1/</sup>**

(Volume in thousand board feet. Scribner scale: value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				POINDESSA AND JEFFREY PINES		WESTERN HEINLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
<b>1973:</b>												
1st quarter	146,902	108.13	25,270	47.49	110,191	63.17	37,774	30.54	55,875	43.27	544,447	65.01
2d quarter	495,736	130.73	63,035	62.64	162,495	60.47	93,032	95.37	85,700	70.21	1,185,714	91.93
3d quarter	224,376	146.33	30,676	65.12	168,098	98.02	44,159	78.99	24,415	76.26	598,664	104.44
4th quarter	464,474	148.68	53,970	66.23	124,480	89.50	72,521	110.63	116,629	51.60	974,652	109.87
<b>Total or average</b>	<b>1,331,388</b>	<b>137.13</b>	<b>172,951</b>	<b>61.99</b>	<b>565,262</b>	<b>78.56</b>	<b>247,496</b>	<b>90.90</b>	<b>282,619</b>	<b>57.73</b>	<b>3,304,477</b>	<b>95.06</b>
<b>1974:</b>												
1st quarter	180,222	221.11	38,386	105.38	192,633	141.36	23,476	94.70	102,325	70.00	650,472	131.49
2d quarter	543,512	247.98	45,959	71.09	118,603	148.00	114,069	131.60	109,674	52.43	1,159,095	172.08
3d quarter	186,431	227.32	23,421	101.47	104,300	115.13	41,112	87.70	29,773	85.11	527,739	127.71
4th quarter	491,351	166.29	59,337	75.84	177,423	79.96	99,981	55.25	73,949	57.74	1,108,132	103.80
<b>Total or average</b>	<b>1,401,526</b>	<b>213.14</b>	<b>166,903</b>	<b>84.89</b>	<b>592,959</b>	<b>119.74</b>	<b>200,638</b>	<b>94.57</b>	<b>315,721</b>	<b>62.45</b>	<b>3,445,438</b>	<b>135.66</b>
<b>1975:</b>												
1st quarter	137,976	211.85	11,913	28.54	70,950	56.92	30,020	59.54	640	30.50	359,708	108.08
2d quarter	526,195	170.85	78,403	44.71	272,349	47.99	114,372	52.46	103,693	40.02	1,350,758	96.72
3d quarter	237,253	181.67	8,765	20.64	96,622	47.11	39,675	34.57	28,729	30.54	532,615	106.64
4th quarter	516,176	189.30	65,915	33.87	291,883	36.43	119,345	76.14	85,942	38.67	1,253,737	105.39
<b>Total or average</b>	<b>1,417,600</b>	<b>183.37</b>	<b>164,998</b>	<b>37.93</b>	<b>731,804</b>	<b>44.13</b>	<b>303,412</b>	<b>89.70</b>	<b>219,004</b>	<b>37.04</b>	<b>3,486,818</b>	<b>102.59</b>
<b>1976:</b>												
1st quarter	143,179	221.95	14,080	11.95	88,235	95.31	20,398	85.70	19,290	70.01	359,587	134.63
2d quarter	497,503	188.96	35,130	30.49	253,941	69.00	105,535	75.13	77,765	49.13	1,278,390	109.94
3d quarter	156,699	141.97	18,914	66.13	127,556	87.25	41,449	34.16	21,834	79.97	438,568	97.43
4th quarter	159,902	199.28	23,580	78.39	107,528	94.68	32,760	128.39	17,000	74.97	408,289	131.85
<b>Total or average</b>	<b>957,683</b>	<b>187.93</b>	<b>141,784</b>	<b>61.14</b>	<b>577,260</b>	<b>81.84</b>	<b>200,142</b>	<b>76.71</b>	<b>135,909</b>	<b>55.13</b>	<b>2,486,234</b>	<b>114.06</b>
<b>1977:</b>												
1st quarter	517,337	245.59	36,640	148.24	110,495	135.96	110,250	108.39	66,223	97.23	1,074,728	167.74
2d quarter	317,700	239.02	34,659	73.89	243,106	123.13	49,448	106.11	58,545	85.91	858,166	149.47
3d quarter	326,958	230.07	96,273	107.97	222,297	147.05	57,166	115.42	70,992	91.29	925,088	152.76
4th quarter	140,705	245.95	13,030	55.23	105,163	160.43	12,882	93.08	29,739	126.48	382,032	161.20
<b>Total or average</b>	<b>1,303,300</b>	<b>240.56</b>	<b>180,602</b>	<b>105.79</b>	<b>681,142</b>	<b>138.78</b>	<b>229,746</b>	<b>109.79</b>	<b>225,499</b>	<b>96.28</b>	<b>3,238,014</b>	<b>157.86</b>
<b>1978:</b>												
1st quarter	450,284	251.91	73,021	124.87	183,729	167.65	38,692	109.22	66,880	91.78	994,026	181.00
2d quarter	290,275	253.73	36,270	85.81	101,189	217.51	41,702	108.84	36,155	84.26	563,853	187.56
3d quarter	619,807	274.74	105,470	100.76	325,461	249.21	121,129	126.62	111,572	102.77	1,515,546	212.23
4th quarter	115,388	298.70	7,650	77.89	50,611	253.42	34,077	177.04	17,795	170.37	254,883	227.34
<b>Total or average</b>	<b>1,435,694</b>	<b>265.84</b>	<b>222,366</b>	<b>143.60</b>	<b>660,990</b>	<b>222.01</b>	<b>285,600</b>	<b>124.64</b>	<b>232,602</b>	<b>105.53</b>	<b>3,328,308</b>	<b>199.88</b>
<b>1979:</b>												
1st quarter	560,730	358.24	50,394	126.56	151,316	253.69	98,043	144.68	59,591	332.93	1,076,454	281.63
2d quarter	256,076	411.77	61,132	139.26	123,346	259.83	63,311	133.05	61,241	226.86	670,821	268.58
3d quarter	597,662	448.37	85,574	56.52	307,199	225.19	137,785	221.67	116,827	134.04	1,480,736	250.01
4th quarter	139,645	495.79	32,770	126.17	125,537	265.23	23,717	185.71	40,155	77.31	443,161	269.77
<b>Total or average</b>	<b>1,554,113</b>	<b>414.11</b>	<b>229,870</b>	<b>103.81</b>	<b>707,398</b>	<b>244.69</b>	<b>322,856</b>	<b>178.27</b>	<b>277,814</b>	<b>188.96</b>	<b>3,671,182</b>	<b>281.19</b>
<b>1980:</b>												
1st quarter	588,202	490.21	38,866	134.81	194,995	206.58	106,743	197.21	102,782	191.99	1,233,659	333.38
2d quarter	317,595	393.57	19,303	17.78	174,361	185.72	55,698	294.51	38,553	192.10	725,041	266.15
3d quarter	503,060	440.84	55,350	56.97	199,337	201.79	80,924	218.45	93,985	145.96	1,175,978	265.74
4th quarter	266,754	504.40	26,001	43.09	74,462	235.61	29,981	35.47	28,450	33.54	548,362	316.27
<b>Total or average</b>	<b>1,675,611</b>	<b>462.14</b>	<b>140,120</b>	<b>70.42</b>	<b>643,145</b>	<b>202.79</b>	<b>273,346</b>	<b>205.59</b>	<b>263,770</b>	<b>158.37</b>	<b>3,683,040</b>	<b>296.32</b>
<b>1981:</b>												
1st quarter	545,007	472.55	48,060	216.41	159,912	272.50	76,672	134.26	66,220	94.42	1,201,171	310.00
2d quarter	252,445	373.47	45,823	105.52	181,892	245.25	46,661	134.02	84,872	111.56	725,978	234.92
3d quarter	545,252	319.43	68,777	104.19	268,325	173.95	96,456	118.44	97,774	105.13	1,343,743	199.49
4th quarter	188,041	281.09	21,875	18.91	88,023	143.19	23,042	45.51	45,358	58.24	470,390	161.60
<b>Total or average</b>	<b>1,530,745</b>	<b>378.15</b>	<b>184,535</b>	<b>123.63</b>	<b>698,752</b>	<b>211.19</b>	<b>241,831</b>	<b>119.67</b>	<b>294,224</b>	<b>97.35</b>	<b>3,641,282</b>	<b>234.95</b>
<b>1982:</b>												
1st quarter	416,403	161.87	29,136	52.12	164,048	115.03	70,178	27.69	76,845	57.55	911,939	110.71
2d quarter	312,868	98.27	30,810	36.85	143,018	79.74	43,218	26.01	27,597	18.57	703,451	73.44
3d quarter	492,615	107.39	32,230	23.98	208,637	57.81	85,414	41.40	89,764	24.02	1,206,075	63.92
4th quarter	287,985	129.57	36,813	26.77	118,670	73.50	49,650	60.65	43,585	42.63	675,137	84.20
<b>Total or average</b>	<b>1,509,471</b>	<b>124.75</b>	<b>129,989</b>	<b>34.21</b>	<b>634,573</b>	<b>80.48</b>	<b>248,360</b>	<b>38.69</b>	<b>237,791</b>	<b>37.63</b>	<b>3,496,602</b>	<b>81.95</b>
<b>1983:</b>												
1st quarter	576,892	197.91	32,540	20.43	221,830	133.33	95,025	51.14	77,855	42.19	1,256,376	125.50
2d quarter	254,298	166.80	26,680	21.04	101,003	131.81	30,830	98.11	50,488	67.47	542,815	120.23
3d quarter	288,955	161.59	32,441	26.20	172,601	145.82	47,135	60.04	76,975	59.16	775,493	110.93
4th quarter	256,484	160.52	24,475	27.09	108,127	154.66	36,047	103.97	60,970	42.60	605,698	114.75
<b>Total or average</b>	<b>1,376,629</b>	<b>177.52</b>	<b>116,136</b>	<b>23.58</b>	<b>603,561</b>	<b>140.47</b>	<b>209,037</b>	<b>68.10</b>	<b>266,288</b>	<b>51.99</b>	<b>3,182,142</b>	<b>118.04</b>
<b>1984:</b>												
1st quarter	422,900	163.59	36,940	41.43	164,455	142.99	83,190	87.05	60,555	37.99	952,734	118.54
2d quarter	208,138	125.98	31,025	50.18	171,385	171.49	31,048	61.89	30,399	22.66	578,797	119.07
3d quarter	526,815	98.58	42,065	20.16	173,889	124.76	62,913	64.51	109,248	33.80	1,152,175	79.35
4th quarter	257,518	106.35	27,164	37.49	88,416	99.43	36,705	28.44	57,205	27.77	585,263	74.05
<b>Total or average</b>	<b>1,415,371</b>	<b>123.80</b>	<b>137,194</b>	<b>36.10</b>	<b>597,945</b>	<b>139.42</b>	<b>216,856</b>	<b>66.85</b>	<b>257,807</b>	<b>32.14</b>	<b>3,269,035</b>	<b>96.88</b>

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source—U.S. Department of Agriculture, Pacific Northwest Region includes Oregon and Washington.

Table 29—Volume and average stumpage price of selected species on the National Forests in the State of Washington, 1973-84<sup>1/</sup>

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				POINDESSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS <sup>2/</sup>		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
1973:												
1st quarter	63,730	113.85	79,070	42.79	10,689	90.69	91,095	116.21	24,864	125.85	252,158	98.36
2d quarter	95,033	148.69	100,045	62.83	30,800	48.06	117,840	83.72	51,340	75.37	428,052	87.33
3d quarter	57,775	145.57	79,828	66.68	26,420	68.32	96,084	119.76	18,898	173.96	262,316	103.33
4th quarter	62,333	181.68	116,715	65.58	14,845	71.44	95,210	121.95	21,200	108.43	252,097	115.33
Total or average	278,871	147.46	455,658	60.73	82,754	64.23	400,229	108.86	116,302	108.21	1,194,623	98.60
1974:												
1st quarter	41,693	121.12	18,900	67.53	28,800	64.22	44,715	99.96	13,346	144.06	170,131	97.74
2d quarter	120,456	197.42	49,439	57.79	32,728	89.16	188,625	126.85	61,045	128.47	536,208	118.28
3d quarter	43,071	174.27	13,000	68.73	7,130	81.39	57,941	178.97	6,651	80.81	142,858	137.45
4th quarter	162,294	122.72	35,810	30.69	17,740	57.42	127,763	98.46	62,878	109.71	485,519	91.94
Total or average	367,514	153.06	117,149	52.29	66,398	73.69	419,044	122.53	143,920	119.52	1,334,716	108.13
1975:												
1st quarter	112,085	87.47	11,060	35.33	11,400	12.57	65,435	23.61	--	--	258,268	51.98
2d quarter	138,587	138.23	55,550	18.10	39,165	23.64	161,310	87.92	37,076	60.02	545,747	79.60
3d quarter	63,963	166.12	30,940	10.66	10,300	13.52	53,380	76.08	11,250	51.17	255,323	80.65
4th quarter	129,123	145.48	50,304	45.81	19,998	33.78	168,117	69.14	22,421	82.96	441,958	83.46
Total or average	443,758	183.37	147,854	27.26	80,863	23.30	448,242	70.08	70,747	65.88	1,501,296	76.17
1976:												
1st quarter	28,990	133.75	4,454	5.95	6,431	95.27	38,508	84.59	5,531	99.67	102,688	84.57
2d quarter	165,887	128.18	55,355	38.06	29,483	51.10	195,456	72.32	47,920	53.07	571,687	77.83
3d quarter	38,580	141.37	13,269	6.36	508	22.77	80,915	91.53	21,613	41.91	225,316	80.07
4th quarter	75,630	165.30	11,975	63.80	6,300	67.01	64,050	70.88	8,580	102.73	183,667	108.41
Total or average	309,087	139.43	85,053	35.05	42,727	59.76	378,929	77.42	83,644	58.36	1,083,358	84.12
1977:												
1st quarter	86,990	164.11	14,839	62.15	62,282	78.49	72,730	68.89	16,199	101.04	325,202	94.32
2d quarter	82,817	169.67	28,730	42.17	7,914	82.35	103,141	76.36	36,857	63.67	301,630	96.05
3d quarter	147,316	168.60	51,840	69.53	24,880	92.88	176,327	81.01	51,084	56.26	540,660	102.83
4th quarter	43,209	163.71	2,510	121.38	1,020	50.75	39,086	82.25	7,356	81.63	119,246	101.43
Total or average	360,332	167.17	97,919	61.71	96,096	82.24	391,284	77.66	111,496	66.89	1,286,138	98.86
1978:												
1st quarter	35,731	209.91	19,738	111.73	2,116	83.96	98,287	83.55	16,228	101.20	202,914	120.73
2d quarter	86,305	182.21	26,125	46.18	18,560	98.03	56,132	78.52	23,265	66.99	264,381	106.21
3d quarter	231,090	180.37	136,619	58.27	49,900	165.56	208,388	125.92	166,471	98.22	895,281	121.11
4th quarter	29,468	269.45	3,136	36.13	2,260	274.35	20,230	149.43	2,155	56.45	74,398	169.15
Total or average	382,594	190.41	185,618	61.88	72,836	149.36	383,037	109.34	208,119	94.53	1,436,974	120.80
1979:												
1st quarter	108,420	292.79	42,474	74.22	21,934	112.83	176,193	156.26	63,225	166.79	467,531	172.03
2d quarter	47,808	271.63	8,196	91.86	6,013	140.56	105,450	168.79	29,335	137.62	229,469	173.13
3d quarter	190,741	346.37	113,705	62.05	46,918	160.38	186,982	279.28	111,072	234.63	788,488	219.99
4th quarter	39,052	277.01	4,090	52.40	3,140	237.33	26,364	252.83	3,025	166.38	96,663	230.36
Total or average	386,021	315.05	168,465	66.33	78,005	148.58	494,989	210.55	206,657	199.10	1,582,151	199.66
1980:												
1st quarter	64,866	355.49	37,853	83.52	17,602	121.41	93,599	214.21	26,281	208.25	291,292	205.87
2d quarter	114,589	319.60	15,722	35.13	97	129.93	116,553	200.92	55,830	186.10	355,327	216.37
3d quarter	142,351	232.41	78,999	57.50	31,105	27.84	151,606	242.42	94,170	133.86	577,381	154.11
4th quarter	62,845	252.31	19,051	135.69	2,055	117.47	52,695	223.24	32,295	214.32	207,187	199.77
Total or average	384,651	287.39	151,625	76.68	50,859	83.70	414,453	221.94	208,576	169.67	1,431,187	186.71
1981:												
1st quarter	64,335	389.76	37,271	39.80	12,690	177.32	68,146	230.40	43,312	111.06	260,260	199.77
2d quarter	52,955	192.74	25,390	27.86	6,885	434.71	68,854	283.12	23,257	94.13	226,121	170.16
3d quarter	274,890	225.97	79,785	72.46	30,265	101.68	303,209	169.83	116,848	126.86	947,717	157.57
4th quarter	35,233	148.25	75	5.23	--	--	38,130	91.58	13,065	85.21	107,803	97.32
Total or average	427,413	240.10	142,521	55.94	49,840	166.94	478,339	188.53	196,482	116.74	1,541,901	162.33
1982:												
1st quarter	88,959	116.68	16,878	48.25	14,565	36.37	132,369	60.19	33,245	91.69	361,220	70.55
2d quarter	63,550	94.74	37,890	34.97	33,565	39.04	65,434	35.74	23,753	46.65	285,301	46.86
3d quarter	85,124	51.00	57,798	30.08	17,540	15.88	146,082	35.71	100,915	22.37	469,068	32.37
4th quarter	75,725	155.32	9,639	40.29	4,450	69.03	46,865	80.66	13,628	38.05	192,013	101.69
Total or average	313,358	103.73	122,205	34.82	70,120	34.60	390,750	49.40	171,541	40.41	1,307,602	56.27
1983:												
1st quarter	101,350	94.01	25,637	48.24	12,000	121.56	130,979	51.96	42,825	89.15	406,455	60.86
2d quarter	102,435	122.30	30,928	88.11	4,335	54.57	107,035	64.08	43,325	91.09	350,480	84.27
3d quarter	96,777	93.91	79,519	32.51	23,424	55.25	79,268	52.84	84,545	44.06	468,308	49.02
4th quarter	90,249	139.48	24,757	50.42	9,065	76.87	37,288	67.46	64,970	63.20	273,818	87.69
Total or average	390,811	111.90	160,841	40.47	48,824	75.50	354,570	57.45	235,665	66.18	1,499,061	67.54
1984:												
1st quarter	82,191	96.63	38,308	67.95	12,848	55.95	64,151	54.90	41,543	46.34	311,329	68.75
2d quarter	52,210	124.60	30,368	37.37	9,080	55.69	54,759	61.46	61,937	32.99	254,905	59.06
3d quarter	112,325	79.46	24,992	25.50	12,020	29.82	117,480	36.04	51,312	32.50	391,959	48.65
4th quarter	74,415	105.96	41,382	24.74	7,683	26.10	67,455	52.78	29,552	38.35	259,585	58.15
Total or average	321,141	97.33	135,050	39.98	41,631	42.75	303,845	48.30	184,344	35.12	1,217,778	57.99

<sup>1/</sup>Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in national Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds).

<sup>2/</sup>Does not include noble fir or Shasta red fir.

Source--U.S. Department of Agriculture, Pacific Northwest Region includes Oregon and Washington.



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Pacific Northwest Research Station  
319 S.W. Pine St.  
P.O. Box 3890  
Portland, Oregon 97208

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