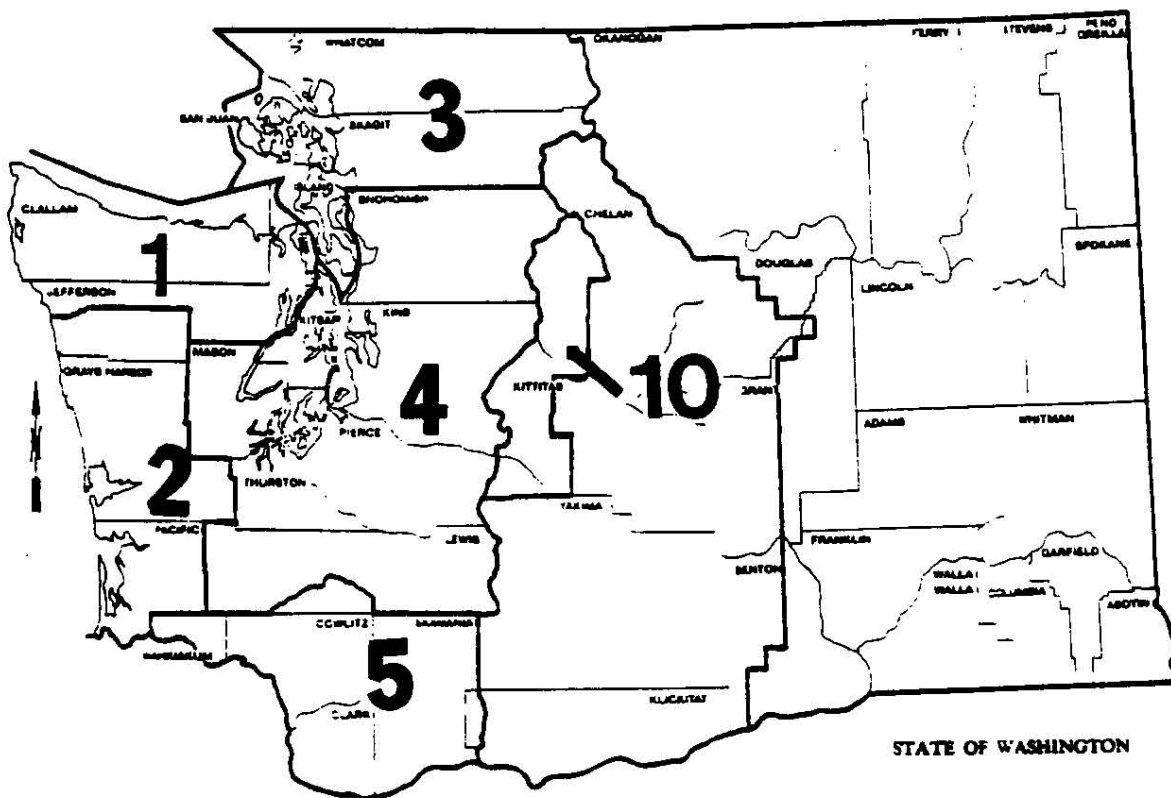


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TIMBER POLE VOLUME TABLES

STUMPAGE VALUE AREA 1, 2, 3, 4, 5, and 10



Use the following table to determine the Scribner board foot volume for each pole length and class. If you have questions or need assistance, contact the Department of Revenue, Forest Tax Division, Toll-Free 1-800-548-8829.

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**STATE OF WASHINGTON
DEPARTMENT OF REVENUE
FOREST TAX DIVISION**

TIMBER POLE VOLUME TABLE
(Stumpage Value Areas 1, 2, 3, 4, 5 & 10)

BOARD FOOT WEIGHT SCALE FACTORS
(TONS/MBF)

(5) TIMBER POLE VOLUME TABLE. Harvesters of poles in stumpage value areas 1, 2, 3, 4, 5 and 10 shall use the following table to determine the Scribner board foot volume for each pole length and class:

Pole Length	Pole Class ¹	Total Scribner Board Foot Volume by Pole Length by Pole Class ²
20'	1	50
	2	50
	3	40
	4	40
	5	30
	6	30
	7	20
	9	20
	10	20
25'	1	60
	2	60
	3	50
	4	50
	5	40
	6	40
	7	30
	9	30
	10	30
30'	1	110
	2	70
	3	60
	4	60
	5	50
	6	50
	7	40
	9	40
35'	H2	160
	H1	160
	1	130
	2	100
	3	80
	4	80
	5	60
	6	60
	7	50

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Pole Length	Pole Class ¹	Total Scribner Board Foot Volume by Pole Length by Pole Class ²
40'	H4	240(240)
	H3	200(200)
	H2	180
	H1	180
	1	150
	2	120
	3	120
	4	90
	5	70
	6	60
	H6	380(380)
	H5	340(340)
	H4	340(340)
45'	H3	280(270)
	H2	230(130)
	H1	230(130)
	1	190(110)
	2	150
	3	120
	4	120
	5	90
	6	90
	H6	430(430)
	H5	370(370)
	H4	370(370)
50'	H3	300(300)
	H2	260(260)
	H1	260(150)
	1	210(120)
	2	160
	3	140
	4	140
	5	100
	H6	470(470)
	H5	410(410)
	H4	410(410)
	H3	330(330)
55'	H2	280(160)
	H1	280(160)
	1	230(130)
	2	180
	3	150
	4	150
	H6	470(470)

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Pole Length	Pole Class ¹	Total Scribner Board Foot Volume by Pole Length by Pole Class ²
60'	H6	540(540)
	H5	470(470)
	H4	470(470)
	H3	410(410)
	H2	340(210)
	H1	340(210)
	1	290(180)
	2	220(150)
	3	190
	4	190
65'	H6	610(610)
	H5	520(520)
	H4	520(520)
	H3	420(420)
	H2	380(230)
	H1	380(230)
	1	320(190)
	2	260(160)
	3	210
	4	210
70'	H6	650(650)
	H5	560(560)
	H4	560(560)
	H3	480(480)
	H2	400(240)
	H1	400(240)
	1	350(210)
	2	270(170)
	3	230
	4	230
75'	H6	700(700)
	H5	600(600)
	H4	600(600)
	H3	520(520)
	H2	520(520)
	H1	520(330)
	1	440(270)
	2	290(180)
3	250	

Total Scribner
Board Foot Volume
by Pole Length
by Pole Class²

Pole Length	Pole Class ¹	
80'	H6	820(820)
	H5	700(700)
	H4	700(700)
	H3	600(600)
	H2	600(600)
	H1	540(360)
	1	440(290)
	2	360(240)
	3	290(200)
85'	H6	910(910)
	H5	800(800)
	H4	800(800)
	H3	660(660)
	H2	660(660)
	H1	660(520)
	1	570(450)
	2	490(340)
	3	360(200)
90'	H6	1080(1080)
	H5	930(930)
	H4	930(930)
	H3	820(820)
	H2	820(820)
	H1	690(560)
	1	590(480)
	2	490(420)
	3	400(210)
95'	H6	1170(1170)
	H5	1000(1000)
	H4	1000(1000)
	H3	870(870)
	H2	870(870)
	H1	750(600)
	1	640(510)
	2	540(440)
100'	H6	1190(1190)
	H5	1030(1030)
	H4	1030(1030)
	H3	900(900)
	H2	900(900)
	H1	760(610)
	1	660(530)
	2	550(450)

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Pole Length	Pole Class ¹	Total Scribner Board Foot Volume by Pole Length by Pole Class ²
105'	H6	1310(1310)
	H5	1160(1160)
	H4	1160(1160)
	H3	1000(1000)
	H2	1000(1000)
	H1	860(700)
	1	740(600)
	2	610(510)
110'	H6	1370(1370)
	H5	1220(1220)
	H4	1220(1220)
	H3	1050(1050)
	H2	1050(1050)
	H1	910(740)
	1	780(640)
	2	650(540)
115'	H6	1440(1440)
	H5	1280(1280)
	H4	1280(1280)
	H3	1100(1100)
	H2	1100(1100)
	H1	960(780)
	1	860(670)
	2	680(570)
120'	H6	1660(1660)
	H5	1460(1460)
	H4	1460(1460)
	H3	1300(1300)
	H2	1300(1300)
	H1	1140(960)
	1	970(820)
	2	820(700)
125'	H6	1840(1840)
	H5	1600(1600)
	H4	1600(1600)
	H3	1410(1410)
	H2	1410(1410)
	H1	1250(1100)
	1	1080(940)
	2	930(830)

Pole Length	Pole Class ¹	Total Scribner Board Foot Volume by Pole Length by Pole Class ²
130'	H6	1920(1920)
	H5	1680(1680)
	H4	1680(1680)
	H3	1490(1490)
	H2	1490(1490)
	H1	1310(1160)
	1	1120(990)
	2	970(870)

¹Pole class definitions taken from American National Standard specifications and dimensions for wood poles as approved August 7, 1976 under American National Standard Institute, Inc. codified ANSI 05.1-1972.

²The number, enclosed in parenthesis after the total Scribner pole volume for each pole length and class, is the volume per pole for Number 2 Sawmill and better log grade, where applicable.

(6) **TIMBER PILING VOLUME TABLE.** Harvesters of piling in stumpage value areas 1, 2, 3, 4, 5 and 10 shall use the following table to determine the Scribner board foot volume for each piling length and class:

Piling Length	Piling Class ¹	Total Scribner Board Foot Volume by Piling Length by Piling Class ²
20'	A	80
	B	70
25'	A	100
	B	90
30'	A	130
	B	110
35'	A	130
	B	110
40'	A	150
	B	120
45'	A	150
	B	120
50'	A	160
	B	140

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Piling Length	Piling Class ¹	Total Scribner Board Foot Volume by Piling Length by Piling Class ²
55'	A	180
	B	150
60'	A	190
	B	160
65'	A	210
	B	180
70'	A	230
	B	190
75'	A	230
	B	200
80'	A	250
	B	210
85'	A	260(140)
	B	210
90'	A	260(150)
	B	220
95'	A	290(150)
	B	240
100'	A	310(160)
	B	250
105'	A	330(170)
	B	270
110'	A	380(220)
	B	300(180)
115'	A	400(230)
	B	310(190)
120'	A	500(290)
	B	400(240)

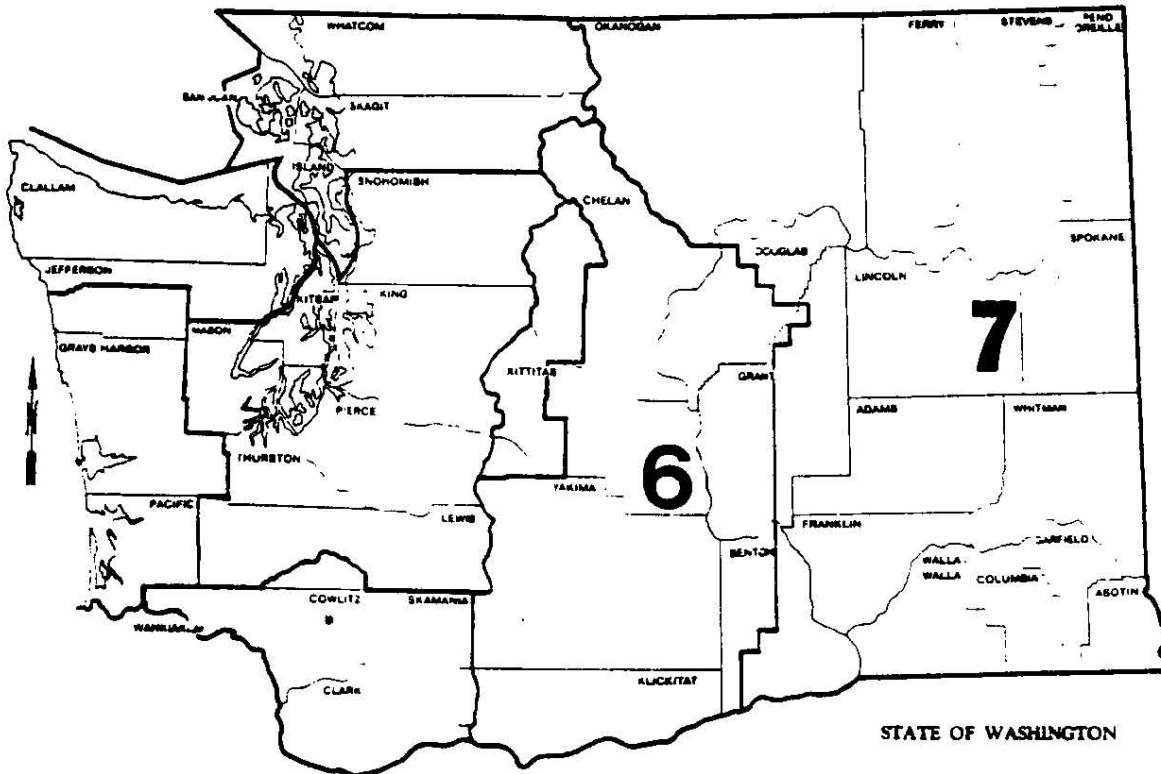
¹Piling class definitions as per American Society for Testing and Materials for "round timber piles." As the designation: D 25-58 (reapproved 1964).

²The number, enclosed in parenthesis after the total Scribner board foot volume for each piling length and class, is the volume per piling for Number 2 Sawmill and better log grade, where applicable.

(7) Harvesters who wish to use a method of conversion other than those listed above must obtain written approval from the Department before harvesting.

TIMBER POLE VOLUME TABLES

STUMPAGE VALUE AREA 6 and 7



Use the following table to determine the Scribner board foot volume for each pole length and class. If you have questions or need assistance, contact the Department of Revenue, Forest Tax Division, Toll-Free 1-800-548-8829.

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STATE OF WASHINGTON
DEPARTMENT OF REVENUE
FOREST TAX DIVISION

TIMBER POLE VOLUME TABLE
(Stumpage Value Areas 6 and 7)

BOARD FOOT WEIGHT SCALE FACTORS

(5) TIMBER POLE VOLUME TABLE. Harvesters of poles in stumpage value areas 6 and 7 shall use the following table to determine the Scribner board foot volume for each pole length and class. The timber quality code number shall be determined in accordance with the log grade specifications outlined in WAC 458-40-650.

Length	Class ¹	Total Scribner Board Foot Volume by Pole Length and Pole Class ²
20'	1	70
	2	60
	3	50
	4	50
	5	30
	6	30
	7	20
	9	20
	10	20
25'	1	80
	2	70
	3	50
	4	50
	5	40
	6	40
	7	30
	9	30
	10	20
30'	1	110
	2	90
	3	60
	4	60
	5	50
	6	50
	7	50
	9	40
35'	H2	190
	H1	160
	1	140
	2	100
	3	100
	4	70
	5	60
	6	60
	7	50

Total Scribner
Board Foot Volume
by Pole Length
and Pole Class²

Length	Class ¹	
40'	H3	240
	H2	240
	H1	200
	1	170
	2	120
	3	110
	4	100
	5	70
	6	70
	H6	390
	H5	330
	H4	330
45'	H3	270
	H2	270
	H1	220
	1	180
	2	150
	3	110
	4	110
	5	80
	6	70
	H6	460
	H5	390
	H4	390
50'	H3	340
	H2	340
	H1	280
	1	240
	2	190
	3	150
	4	150
	5	120
	H6	510
	H5	430
	H4	430
	H3	370
55'	H2	360
	H1	300
	1	250
	2	190
	3	150
	4	150

Length	Class ¹	Total Scribner Board Foot Volume by Pole Length and Pole Class ²
60'	H6	610
	H5	530
	H4	530
	H3	440
	H2	440
	H1	380
	1	310
	2	240
	3	200
	4	200
65'	H6	650
	H5	570
	H4	570
	H3	490
	H2	480
	H1	410
	1	350
	2	280
	3	220
	4	220
70'	H6	750
	H5	650
	H4	650
	H3	550
	H2	470
	H1	470
	1	410
	2	320
	3	260
	4	260
75'	H6	810
	H5	700
	H4	700
	H3	600
	H2	600
	H1	500
	1	440
	2	340
	3	270

Total Scribner
Board Foot Volume
by Pole Length²
and Pole Class¹

Length	Class ¹	
80'	H6	960
	H5	830
	H4	830
	H3	710
	H2	710
	H1	610
	1	510
	2	420
	3	340
85'	H6	1020
	H5	870
	H4	870
	H3	760
	H2	760
	H1	640
	1	550
	2	450
	3	360
90'	H6	1110
	H5	970
	H4	970
	H3	840
	H2	840
	H1	720
	1	620
	2	500
	3	420
95'	H6	1160
	H5	1010
	H4	1010
	H3	870
	H2	870
	H1	740
	1	640
	2	510
100'	H6	1380
	H5	1210
	H4	1210
	H3	1060
	H2	1060
	H1	910
	1	780
	2	650

Length	Class ¹	Total Scribner Board Foot Volume by Pole Length and Pole Class ²
105'	H6	1430
	H5	1250
	H4	1250
	H3	1100
	H2	1100
	H1	940
	1	820
	2	690
110'	H6	1580
	H5	1390
	H4	1390
	H3	1220
	H2	1220
	H1	1070
	1	920
	2	770
115'	H6	1660
	H5	1470
	H4	1470
	H3	1280
	H2	1280
	H1	970
	1	810
	2	680
120'	H6	1880
	H5	1680
	H4	1680
	H3	1480
	H2	1480
	H1	1290
	1	1130
	2	950
125'	H6	1910
	H5	1690
	H4	1690
	H3	1490
	H2	1490
	H1	1140
	1	970
	2	810

Length	Class ¹	Total Scribner Board Foot Volume by Pole Length and Pole Class ²
130'	H6	2170
	H5	1920
	H4	1920
	H3	1710
	H2	1710
	H1	1510
	1	1320
	2	1140

¹Pole class definitions as per American National Standard specifications and dimensions for wood poles as approved August 7, 1976 under American National Standard Institute, Inc. codified ANSI 05.1-1972.

²Volumes are based on the Scribner Decimal C Log Rule using methods and procedures outlined in the current edition of the "National Forest Log Scaling Handbook."

(6) TIMBER PILING VOLUME TABLE. Harvesters of piling in stumpage value areas 6 and 7 shall use the following table to determine the Scribner board foot volume for each piling length and class. The timber quality code number shall be determined by procedures outlined in WAC 458-40-650.

Length	Class ¹	Total Scribner Board Foot Volume by Piling Length by Piling Class ²
20'	A	90
	B	70
25'	A	100
	B	80
30'	A	130
	B	110
35'	A	140
	B	100
40'	A	140
	B	100
45'	A	150
	B	110

Length	Class ¹	Total Scribner Board Foot Volume by Piling Length by Piling Class ²
50'	A	190
	B	150
55'	A	190
	B	150
60'	A	240
	B	200
65'	A	240
	B	200
70'	A	260
	B	210
75'	A	270
	B	220
80'	A	220
	B	220
85'	A	300
	B	240
90'	A	280
	B	280
95'	A	360
	B	280
100'	A	360
	B	280
105'	A	400
	B	300
110'	A	460
	B	340
115'	A	470
	B	360
120'	A	560
	B	450

¹Piling class definitions taken from American Society for Testing and Materials for "round timber piles." As the designation: D 25-56 (reapproved 1964).

²Volumes are based on the Scribner Decimal C Log Rule using methods and procedures outlined in the current edition of the "National Forest Log Scaling Handbook."

(7) Harvesters who wish to use a method of conversion other than those listed above must obtain written approval from the department before harvesting.