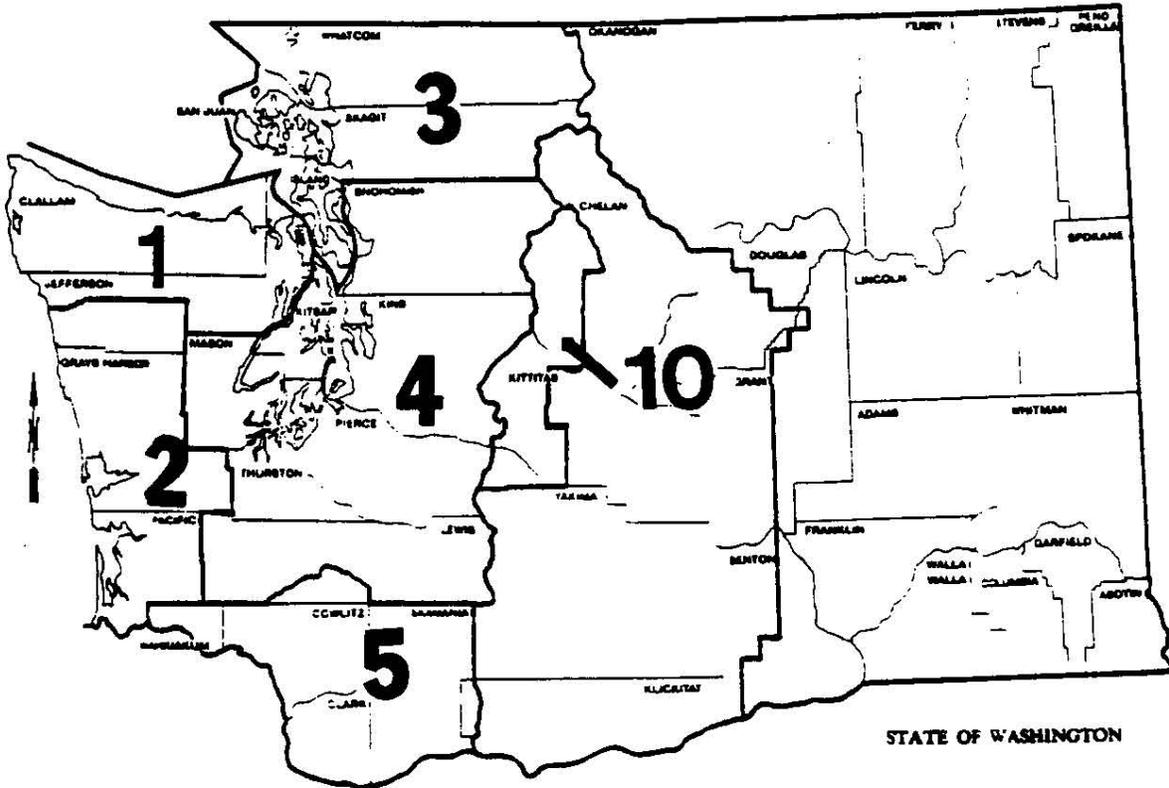


09/20/2006 00057

# 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.

### TABLE OF CONTENTS

<b>PAGE</b>		<b>PAGE</b>	
1	Timber Pole Volume Table -West of Cascade Summit	6	Timber Piling Volume Table -West of Cascade Summit

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

09/20/2006 00058

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

09/20/2006 00060

458-40-684

Pole Length	Pole Class <sup>1</sup>	Total Scribner Board Foot Volume by Pole Length by Pole Class <sup>2</sup>
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 Class<sup>2</sup>

Pole Length	Pole Class <sup>1</sup>	Total Scribner Board Foot Volume by Pole Length by Pole Class <sup>2</sup>
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
H5		1030(1030)
H4		1030(1030)
H3		900(900)
H2		900(900)
H1		760(610)
1		660(530)
2		550(450)

09/20/2006 00062

458-40-684

Pole Length	Pole Class <sup>1</sup>	Total Scribner Board Foot Volume by Pole Length by Pole Class <sup>2</sup>
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 <sup>1</sup>	Total Scribner Board Foot Volume by Pole Length by Pole Class <sup>2</sup>
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)

<sup>1</sup>Pole 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.

<sup>2</sup>The 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 <sup>1</sup>	Total Scribner Board Foot Volume by Piling Length by Piling Class <sup>2</sup>
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

09/20/2006 00064

458-40-684

Piling Length	Piling Class <sup>1</sup>	Total Scribner Board Foot Volume by Piling Length by Piling Class <sup>2</sup>
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)

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

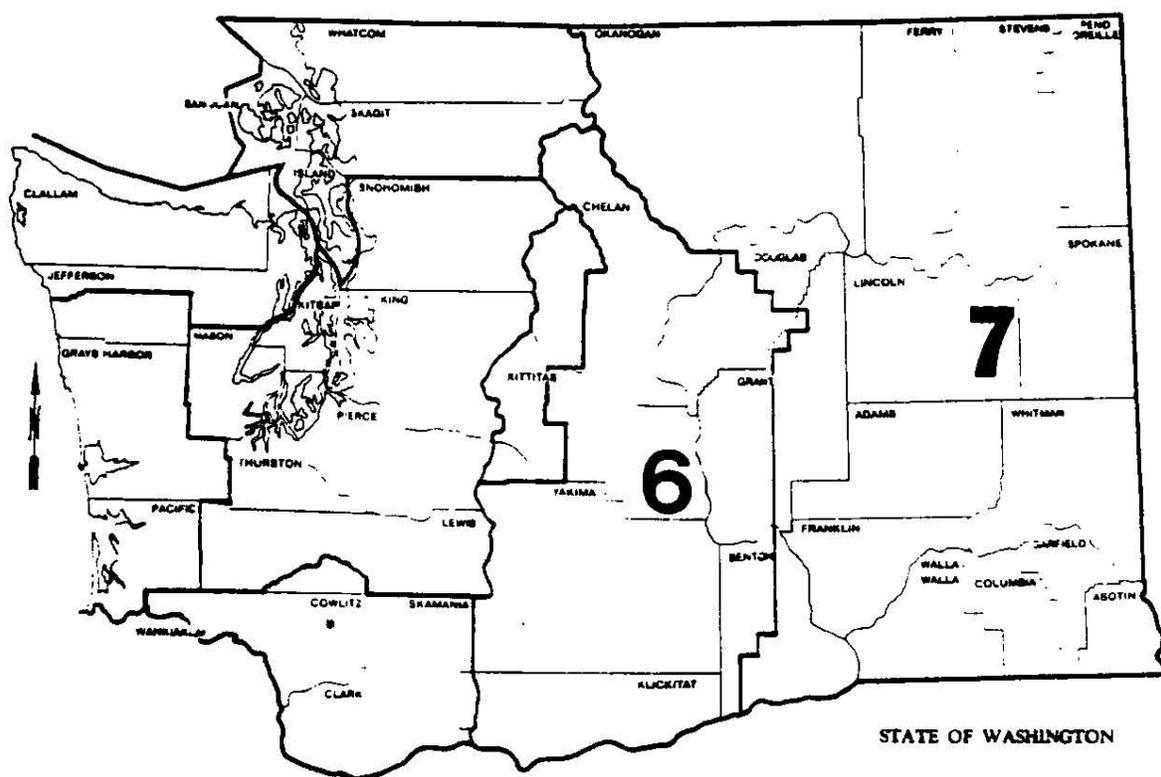
<sup>2</sup>The number, enclosed in parenthesis after the total Scribner board foot volume for each piling length and class, is the volume per piling for Number 2 Sawmill and better log grade, where applicable.

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

09/20/2006 00066

# 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.

### TABLE OF CONTENTS

<p><b>PAGE</b></p> <p>1     Timber Pole Volume Table       -East of Cascade Summit</p>	<p><b>PAGE</b></p> <p>6     Timber Piling Volume Table       -East of Cascade Summit</p>
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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 <sup>1</sup>	Total Scribner Board Foot Volume by Pole Length and Pole Class <sup>2</sup>
20'	1	70
	2	60
	3	50
	4	50
	5	30
	6	30
	7	20
	9	20
	10	20
	25'	1
2		70
3		50
4		50
5		40
6		40
7		30
9		30
10		20
30'		1
	2	90
	3	60
	4	60
	5	50
	6	50
	7	50
	9	40
	H2	190
35'	H1	160
	1	140
	2	100
	3	100
	4	70
	5	60
	6	60
7	50	

09/20/2006 00068

Length	Class <sup>1</sup>	Total Scribner Board Foot Volume by Pole Length and Pole Class <sup>2</sup>
40'	H3	240
	H2	240
	H1	200
	1	170
	2	120
	3	110
	4	100
45'	5	70
	6	70
	H6	390
	H5	330
	H4	330
	H3	270
	H2	270
50'	H1	220
	1	180
	2	150
	3	110
	4	110
	5	80
	6	70
55'	H6	460
	H5	390
	H4	390
	H3	340
	H2	340
	H1	280
	1	240
55'	2	190
	3	150
	4	150
	5	120
	H6	510
	H5	430
	H4	430
55'	H3	370
	H2	360
	H1	300
	1	250
	2	190
	3	150
	4	150

09/20/2006 00069

Length	Class <sup>1</sup>	Total Scribner Board Foot Volume by Pole Length and Pole Class <sup>2</sup>
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	

09/20/2006 00070

Total Scribner  
Board Foot Volume  
by Pole Length  
and Pole Class<sup>2</sup>

Length	Class <sup>1</sup>	
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 <sup>1</sup>	Total Scribner Board Foot Volume by Pole Length, and Pole Class <sup>2</sup>
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

09/20/2006 00072

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

<sup>1</sup>Pole 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.

<sup>2</sup>Volumes 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 <sup>1</sup>	Total Scribner Board Foot Volume by Piling Length by Piling Class <sup>2</sup>
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

09/20/2006 00073

458-40-686

Length	Class <sup>1</sup>	Total Scribner Board Foot Volume by Piling Length by Piling Class <sup>2</sup>
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

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

458-40-686

<sup>2</sup>Volumes 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.

09/20/2006 00074