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Comprehensive Tree Volume Equations For Major Species of New Mexico and Arizona:

II. Tables for Unforked Trees

David W. Hann
B. Bruce Bare

Merchantable
Volume

Stump
Volume

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COMPREHENSIVE TREE VOLUME EQUATIONS FOR MAJOR SPECIES OF NEW MEXICO AND ARIZONA:

II. TABLES FOR UNFORKED TREES

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INTERMOUNTAIN FOREST AND RANGE EXPERIMENT STATION
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RESEARCH SUMMARY

Selected volume tables for unforked trees are presented for major species of New Mexico and Arizona. The volume equations used to derive these tables are described in the companion publication, "Comprehensive tree volume equations for major species of New Mexico and Arizona: I. Results and Methodology."

INTRODUCTION

The tree volume tables presented here were computed from volume equations developed for the major tree species on five National Forests in New Mexico and Arizona (table A). The equations and the methodology used to derive them can be found in the companion publication, "Comprehensive tree volume equations for major species of New Mexico and Arizona: I. Results and methodology."

For each species and National Forest combination, tables for the following unforked tree volumes are given:

1. Total stem gross cubic foot volume
2. Total stem net cubic foot volume
3. Gross merchantable cubic foot volume to a top diameter inside bark (d.i.b.) of 4 inches
4. Net merchantable cubic foot volume to a top d.i.b. of 4 inches
5. Gross merchantable cubic foot volume to a top d.i.b. of 6 inches
6. Net merchantable cubic foot volume to a top d.i.b. of 6 inches
7. Gross International 1/4-inch board foot volume to a top d.i.b. of 6 inches
8. Net International 1/4-inch board foot volume to a top d.i.b. of 6 inches
9. Gross Scribner board foot volume to a top d.i.b. of 6 inches
10. Net Scribner board foot volume to a top d.i.b. of 6 inches.

The two variables necessary to use these tables are diameter at breast height (d.b.h.) and total tree height. Also presented in the tables are the number of trees, by diameter class and by height class, that were used in the development of the equations. It should be noted that, with the exception of total stem cubic foot volume tables, tree counts across diameter classes will not necessarily add to the tree counts across height classes. This apparent discrepancy arises because the tables begin with that diameter class that is one class larger than the merchantable top diameter. Because some of the trees used in developing the equations had a diameter smaller than this diameter class, they were eliminated from the tree counts.

Table A.--Data sources

Species	National Forest				
	: Coconino :	Tonto :	Lincoln :	Santa Fe:	Carson
Blackjack pine ¹ (<i>Pinus ponderosa</i> Laws.)	X	X	X	X	X
Yellow pine ¹ (<i>Pinus ponderosa</i> Laws.)	X	X	X	X	X
Douglas-fir (<i>Pseudotsuga menziesii</i> var. <i>glauca</i> [Mirb.] Franco)		X	X	X	X
White fir (<i>Abies concolor</i> [Gord. and Glend.]			X	X	X
Southwestern white pine (<i>Pinus flexilis</i> var. <i>reflexa</i> Engelm.)			X	X	X
Engelmann spruce (<i>Picea engelmannii</i> Parry)			X	X	X
Aspen (<i>Populus tremuloides</i> Michx.)				X	X
Corkbark fir (<i>Abies lasiocarpa</i> var. <i>arizonica</i> [Merriam] Lemm.)				X	X

¹In the Southwest, blackjack and yellow pines are distinguished by their bark colors; blackjack pines have very dark bark and yellow pines heavily plated, orange bark. This distinction is based on age, growth, and vigor differences rather than botanical differences, but foresters have found it useful in forest management planning.

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TOTAL STEM GROSS CUBIC FOOT VOLUME--UNFORKED TREES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	HEIGHT CLASS			90	100	110	120	130	140	150	BASIS TREES
							70	80									
1	.2																0
2	.2	.3															0
3	.3	.5	.7														0
4	.5	.8	1.1	1.5													0
5	.7	1.2	1.7	2.2	2.7	4.6	7.1										1
6	.9	1.6	2.4	3.1	3.8	6.1	9.3	10.6									2
7	1.2	2.2	3.1	4.1	5.1	8.0		13.3	15.0								4
8	1.5	2.9	4.1	5.4	6.7			16.4	18.5	24.8							3
9	1.8	3.5	5.1	6.7	8.4	10.0	11.7	13.3		29.4							2
10		4.2	6.3	8.3	10.3	12.4	14.4	16.4	18.5								3
11		5.1	7.5	10.0	12.5	14.9	17.4	19.8	22.3								2
12		6.0	8.9	11.9	14.8	17.7	20.6	23.6	26.5								2
13		7.0	10.5	13.9	17.3	20.8	24.2	27.6	31.1	34.5							0
14		8.1	12.1	16.1	20.1	24.1	28.0	32.0	36.0	40.0							3
15			13.9	18.5	23.0	27.6	32.2	36.7	41.3	45.9							2
16			15.8	21.0	26.2	31.4	36.6	41.8	47.0	52.2							2
17			17.8	23.7	29.5	35.4	41.3	47.2	53.0	58.9							3
18			19.9	26.5	33.1	39.7	46.3	52.8	59.4	66.0							2
19			22.2	29.5	36.8	44.2	51.5	58.9	66.2	73.5							1
20				32.7	40.8	48.9	57.1	65.2	73.3	81.5							0
21				36.0	45.0	53.9	62.9	71.9	80.8	89.8							2
22				39.5	49.3	59.2	69.0	78.9	88.7	98.5							3
23				43.2	53.9	64.7	75.4	86.2	96.9	107.7							2
24				47.0	58.7	70.4	82.1	93.8	105.5	117.2							1
25					63.7	76.4	89.1	101.8	114.5	127.2							0
26					68.9	82.6	96.3	110.1	123.8	137.6							0
27					74.2	89.1	103.9	118.7	133.5	148.3							1
28					79.8	95.8	111.7	127.6	143.6	159.5							1
29					85.6	102.7	119.8	136.9	154.0	171.1							0
30						109.9	128.2	146.5	164.8	183.1							0
31						117.4	136.9	156.4	176.0	195.5							0
32						125.0	145.9	166.7	187.5	208.3							1
33						133.0	155.1	177.2	199.4	221.5							0
34						141.1	164.6	188.1	211.6	235.1							0
35							174.4	199.3	224.2	249.1							1
36							184.5	210.9	237.2	263.6							0
37							194.9	222.8	250.6	278.4							0
38							205.6	235.0	264.3	293.7							0
39							216.6	247.5	278.4	309.3							0
40								260.3	292.8	325.4							1
41								273.5	307.7	341.8							0
42								287.0	322.8	358.7							0
43								300.8	338.4	376.0							0
44								315.0	354.3	393.7							0
45									370.6	411.7							0
46									387.2	430.2							0
47									404.2	449.1							0
48									421.6	468.4							0
49									439.4	488.2							0
50									457.5	508.3							0

BASIS
TREES

TOTAL STEM NET CUBIC FOOT VOLUME
SOUTHWESTERN WHITE PINE
SANTA FE-CAPSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES				
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
1	.2														
2	.3														
3	.5														
4	.8														
5	.7														
6	.9														
7	1.2														
8	1.5														
9	1.8														
10															
11															
12															
13															
14															
15															
16															
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45															
46															
47															
48															
49															
50															

GROSS CUBIC FOOT VOLUME TO TOP OF 4 INCHES-UNFORKED TREES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS FO	90	100	110	120	130	140	150	BASIS TREES
5	.4	.7	.9	1.1	1.4											
6	.7	1.2	1.7	2.2	2.7	3.3										3
7	.9	1.7	2.6	3.4	4.2	5.0	5.9									1
8	1.1	2.3	3.5	4.6	5.8	7.0	8.1									2
9	1.4	2.9	4.5	6.0	7.5	9.1	10.6	9.3	13.7							4
10		3.6	5.6	7.5	9.4	11.4	13.3	15.2	17.2							3
11		4.4	6.8	9.1	11.5	13.9	16.3	18.6	21.0							4
12		5.2	8.1	10.9	13.8	16.6	19.5	22.3	25.2							2
13		6.1	9.5	12.8	16.2	19.6	22.9	26.3	29.7							0
14		7.0	11.0	14.9	18.8	22.7	26.7	30.6	34.5							2
15			12.6	17.1	21.6	26.1	30.6	35.2	39.7							0
16			14.3	19.4	24.6	29.7	34.9	40.1	45.2							3
17			16.1	21.9	27.8	33.6	39.4	45.3	51.1							3
18			18.0	24.6	31.1	37.7	44.2	50.8	57.3							2
19			20.1	27.4	34.7	42.0	49.3	56.6	63.9							3
20				30.3	38.4	46.5	54.6	62.7	70.8							2
21				33.4	42.4	51.3	60.2	69.1	78.9							1
22				36.7	46.5	56.3	66.1	75.9	85.7							2
23				40.1	50.8	61.5	72.2	83.0	93.7							1
24				43.6	55.3	67.0	78.6	90.3	102.0							2
25					60.0	72.7	85.3	98.0	110.7							0
26					64.9	78.6	92.3	106.0	119.7							0
27					69.9	84.7	99.5	114.3	129.1							1
28					75.2	91.1	107.0	122.9	138.8							1
29					80.6	97.7	114.8	131.9	148.9							1
30						104.6	122.8	141.1	159.4							0
31						111.6	131.1	150.7	170.2							0
32						118.9	139.7	160.5	181.3							1
33						126.5	148.6	170.7	192.8							1
34						134.2	157.7	181.2	204.7							0
35							167.1	192.0	216.9							0
36							176.8	203.1	229.5							1
37							186.8	214.6	242.4							0
38							197.0	226.3	255.6							0
39							207.5	238.4	269.3							0
40								250.7	283.2							0
41								263.4	297.6							1
42								276.4	312.3							0
43								289.7	327.3							0
44								303.3	342.7							0
45									358.4							0
46									374.5							0
47									391.0							0
48									407.8							0
49									424.9							0
50									442.5							0
BASIS TREES	0	3	3	8	9	4	6	5	3	1	1	0	0	0	0	0

NET CUBIC FOOT VOLUME TO TOP OF 4 INCHES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	4	.7	.9	1.1	1.4											3
6		1.2	1.7	2.2	2.7	3.2	5.8									1
7	.9	1.7	2.5	3.4	4.2	5.0	8.0									4
8	1.1	2.3	3.5	4.6	5.7	6.8										5
9	1.4	2.9	4.4	5.9	7.4	8.9	10.3	9.1	13.3							3
10		3.6	5.5	7.4	9.3	11.1	12.9	14.7	16.6							2
11		4.4	6.7	9.0	11.2	13.5	15.7	17.9	20.1	22.3						2
12		5.2	8.0	10.7	13.4	16.0	18.6	21.3	23.9	26.6						0
13		6.0	9.3	12.5	15.7	18.8	21.8	24.9	27.9	31.0	34.1					5
14		7.0	10.8	14.5	18.1	21.7	25.2	28.7	32.2	35.3	39.3	48.9				5
15			12.3	16.6	20.7	24.7	28.7	32.7	36.7	40.7	44.8	55.1	65.7			3
16			14.0	18.8	23.4	28.0	32.4	36.9	41.4	45.9	50.5	61.5	73.9	87.7		6
17			15.7	21.1	26.3	31.3	36.3	41.2	46.2	51.3	56.4	68.2	82.1	95.9	111.9	1
18			17.6	23.6	29.3	34.9	40.3	45.8	51.3	56.9	62.5	75.1	89.0	104.8	121.1	1
19			19.5	26.1	32.5	38.6	44.5	50.5	56.5	62.6	68.8	82.1	96.8	112.9	130.5	2
20				28.8	35.8	42.4	48.8	55.3	61.8	68.5	75.3	89.3	104.8	121.9	140.0	0
21				31.6	39.2	46.3	53.3	60.3	67.3	74.6	81.9	96.7	112.9	130.5	149.6	0
22				34.5	42.7	50.4	57.9	65.4	73.0	80.9	88.7	104.8	121.9	140.0	159.3	1
23				37.6	46.4	54.6	62.6	70.6	78.7	87.1	95.6	112.9	130.5	149.6	169.1	1
24				40.7	50.1	58.9	67.4	75.9	84.6	93.5	102.6	121.9	141.1	160.9	178.9	1
25					54.0	63.3	72.3	81.3	90.5	100.0	109.6	129.5	148.5	167.9	186.9	0
26					53.0	67.9	77.3	86.8	96.5	106.5	116.8	127.3	146.4	165.9	185.5	0
27					62.1	72.5	82.4	92.4	102.6	113.2	124.1	135.1	146.4	166.9	186.9	0
28					66.3	77.2	87.6	98.1	108.8	119.9	131.4	143.1	154.9	172.2	192.6	0
29					70.6	82.1	92.9	103.8	115.0	126.7	138.7	151.0	163.6	182.2	202.8	0
30						87.0	98.3	109.6	121.3	133.5	146.1	159.1	172.2	195.5	219.0	0
31						92.0	103.7	115.5	127.7	140.4	153.6	167.2	180.9	194.9	219.0	0
32						97.1	109.3	121.4	134.1	147.3	161.1	175.3	189.7	204.3	229.1	0
33						102.4	114.9	127.4	140.5	154.3	168.6	183.4	198.5	213.7	239.1	0
34						107.7	120.6	133.5	147.0	161.3	176.2	191.6	207.3	223.2	249.5	0
35							126.3	139.6	153.6	168.4	183.9	199.3	216.2	232.8	259.7	0
36							132.2	145.8	160.2	175.5	191.5	208.1	225.1	242.3	269.7	0
37							138.1	152.1	166.9	182.6	199.2	216.5	234.1	252.0	280.4	0
38							144.1	158.4	173.6	189.9	207.0	224.8	243.1	261.7	290.8	0
39							150.2	164.8	180.4	197.1	214.8	233.3	252.2	271.4	301.4	0
40								171.3	187.3	204.5	222.7	241.8	261.3	281.2	312.0	0
41								177.9	194.2	211.9	230.7	250.4	270.6	291.1	322.7	0
42								184.6	201.3	219.4	238.8	259.0	279.9	301.2	333.5	0
43								191.4	209.4	227.0	246.9	267.8	289.3	311.3	344.4	0
44								198.2	215.6	234.7	255.2	276.7	298.8	321.5	355.5	0
45									223.0	242.5	263.5	285.6	308.5	331.9	366.7	0
46									230.4	250.4	272.0	294.7	318.3	342.4	378.2	0
47									238.0	258.4	280.6	304.0	328.2	353.0	389.7	0
48									245.7	266.6	289.4	313.4	338.2	363.9	401.5	0
49									253.5	274.9	298.3	323.0	348.6	374.9	413.5	0
50									261.5	283.4	307.3	332.7	359.1	386.1		0
BASIS TREES	0	3	4	13	14	5	9	6	4	1	1	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
 SOUTHWESTERN WHITE PINE
 SANTA FE-CARSON-LINCOLN N.F.

D8H CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	.9	1.3	1.8	2.2	2.6	3.0									2
8	.8	1.6	2.5	3.3	4.1	5.0	5.8									4
9	1.1	2.4	3.6	4.9	6.1	7.4	8.7	6.6								3
10		3.2	4.9	6.6	8.3	9.9	11.6	9.9	11.2							2
11		4.0	6.1	8.3	10.5	12.7	14.8	17.0	19.2	21.3						2
12		4.8	7.5	10.2	12.9	15.5	18.2	20.9	23.5	26.2						0
13		5.8	9.0	12.2	15.4	18.6	21.8	25.0	28.2	31.4						2
14		6.7	10.5	14.3	18.1	21.9	25.7	29.4	33.2	37.0	34.6					3
15			12.2	16.6	21.0	25.4	29.7	34.1	38.5	42.9	47.3					3
16			13.9	19.0	24.0	29.0	34.1	39.1	44.2	49.2	54.2	51.7				2
17			15.8	21.5	27.2	33.0	38.7	44.4	50.1	55.8	61.6	67.3	73.0			2
18			17.7	24.2	30.6	37.1	43.5	50.0	56.4	62.9	69.3	75.8	82.2			2
19			19.8	27.0	34.2	41.4	48.7	55.9	63.1	70.3	77.5	84.7	91.9	99.1		0
20				30.0	38.0	46.0	54.0	62.0	70.1	78.1	86.1	94.1	102.1	110.1	130.5	?
21				33.1	42.0	50.8	59.7	68.5	77.4	86.2	95.1	103.9	112.8	121.6	143.5	1
22				36.4	46.1	55.8	65.6	75.3	85.1	94.8	104.5	114.3	124.0	133.7	157.0	2
23				39.8	50.4	61.1	71.8	82.4	93.1	103.7	114.4	125.0	135.7	146.3	171.1	0
24				43.4	55.0	66.6	78.2	89.8	101.4	113.1	124.7	136.3	147.9	159.5	191.1	0
25					59.7	72.3	84.9	97.5	110.2	122.8	135.4	148.0	160.6	173.2	201.2	0
26					64.6	78.2	91.9	105.6	119.2	132.9	146.5	160.2	173.9	187.5	217.1	1
27					69.7	84.4	99.1	113.9	128.6	143.4	158.1	172.9	187.6	202.3	233.6	1
28					74.9	90.8	106.7	122.5	138.4	154.3	170.1	186.0	201.8	217.7	250.7	0
29					80.4	97.4	114.5	131.5	148.5	165.5	182.6	199.6	216.6	233.6	268.3	0
30						104.3	122.5	140.7	159.0	177.2	195.4	213.7	231.9	250.1	286.6	0
31						111.4	130.8	150.3	169.8	189.3	208.7	228.2	247.7	267.1	305.5	1
32						118.7	139.4	160.2	181.0	201.7	222.5	243.2	264.0	284.7	324.9	1
33						126.2	148.3	170.4	192.5	214.6	236.6	258.7	280.8	302.9	345.0	1
34						134.0	157.5	180.9	204.3	227.8	251.2	274.7	298.1	321.6	365.7	0
35							166.9	191.7	216.6	241.4	266.3	291.1	316.0	340.8	386.9	0
36							176.6	202.9	229.1	255.4	281.7	308.0	334.3	360.6	408.7	0
37							186.5	214.3	242.1	269.9	297.6	325.4	353.2	381.0	431.2	0
38							196.8	226.1	255.4	284.7	314.0	343.3	372.6	401.9	454.2	0
39							207.3	238.1	269.0	299.9	330.7	361.6	392.5	423.3	477.8	0
40								250.5	283.0	315.5	347.9	380.4	412.9	445.4	502.1	0
41								263.2	297.3	331.4	365.6	399.7	433.8	467.9	526.9	0
42								276.2	312.0	347.8	383.6	419.5	455.3	491.1	548.4	0
43								289.5	327.1	364.6	402.1	439.7	477.2	514.8	568.4	0
44								303.1	342.5	381.8	421.1	460.4	499.7	539.0	598.3	0
45									358.2	399.3	440.5	481.6	522.7	563.8	604.9	0
46									374.3	417.3	460.3	503.2	546.2	589.2	632.2	0
47									390.8	435.6	480.5	525.4	570.2	615.1	660.0	0
48									407.6	454.4	501.2	548.4	594.8	641.6	688.4	0
49									424.7	473.5	522.3	571.1	619.8	668.6	717.4	0
50									442.3	493.0	543.8	594.6	645.4	696.2	747.0	0
BASIS TREES	0	1	2	7	9	4	6	5	3	1	1	0	0	0	0	0

NET CU8IC FOOT VOLUME TO TOP DBH OF 6 INCHES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	.9	1.3	1.8	2.2	2.6	3.0										4
8	.8	1.6	2.5	3.3	4.1	4.9	5.7										5
9	1.1	2.4	3.6	4.8	6.0	7.2	8.4										3
10		3.1	4.8	6.5	8.1	9.7	11.3			10.8							2
11		3.9	6.1	8.2	10.2	12.3	14.3			18.3	20.3						3
12		4.8	7.4	10.0	12.5	15.0	17.4			22.3	24.8						0
13		5.7	8.8	11.9	14.9	17.8	20.7			26.5	29.4						5
14		6.7	10.3	13.9	17.4	20.8	24.1			30.9	34.3						5
15			11.9	16.1	20.0	23.9	27.8			35.4	39.3	32.4					3
16			13.6	18.3	22.8	27.2	31.5			40.2	44.6	47.2					6
17			15.4	20.7	25.7	30.6	35.4			45.1	50.0	53.5					3
18			17.2	23.2	28.8	34.2	39.5			50.2	55.6	60.0					6
19			19.2	25.7	32.0	37.9	43.7			55.4	61.4	66.7					3
20				28.4	35.3	41.7	48.0			60.7	67.3	73.6					0
21				31.3	38.7	45.7	52.5			66.2	73.3	80.5					3
22				34.2	42.2	49.7	57.0			71.8	79.4	87.2					1
23				37.2	45.8	53.9	61.7			77.5	85.7	94.0					1
24				40.3	49.6	58.2	66.5			83.3	92.0	100.9					2
25					53.5	62.6	71.4			89.1	98.4	107.9					0
26					57.4	67.1	76.3			95.1	104.9	112.1					1
27					61.5	71.7	81.4			101.1	111.4	122.1					1
28					65.7	76.4	86.5			107.2	118.0	129.3					1
29					70.0	81.2	91.8			113.3	124.7	136.5					0
30						86.1	97.1			119.5	131.4	143.8					0
31						91.0	102.4			125.7	138.1	151.1					0
32						96.1	107.9			132.0	144.9	158.4					1
33						101.3	113.4			138.3	151.8	165.8					1
34						106.5	119.0			144.7	158.6	173.2					0
35							124.7			151.2	165.6	180.3					0
36							130.5			157.7	172.5	188.2					0
37							136.3			164.2	179.6	195.8					0
38							142.3			170.8	186.7	203.4					0
39							148.3			177.5	193.8	211.1					1
40										184.3	201.1	218.9					0
41										191.2	208.4	226.7					0
42										198.1	215.8	234.7					0
43										205.2	223.3	242.7					0
44										212.4	230.9	250.9					0
45										219.6	238.6	259.2					0
46										227.0	246.5	267.6					0
47										234.6	254.5	276.1					0
48										242.2	262.6	284.9					0
49										250.1	270.9	293.7					0
50										258.0	279.4	302.8					0

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DBH-UNFORKED TREES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	6	1.1	1.6	2.1	2.6	3.1	3.7									2
8	1.9	3.9	5.9	7.9	9.8	11.8	13.8	15.7								4
9	3.6	7.6	11.6	15.6	19.6	23.6	27.6	31.6	35.6							3
10		11.9	18.3	24.8	31.2	37.6	44.0	50.4	56.8							2
11		16.8	25.9	35.1	44.2	53.4	62.5	71.7	80.8	90.0						2
12		22.1	34.3	46.5	58.7	70.9	83.1	95.2	107.4	119.6	167.4					0
13		27.9	43.4	58.9	74.4	89.9	105.4	120.9	136.4	151.9	167.4					0
14		34.1	53.2	72.3	91.4	110.5	129.6	148.7	167.8	186.9	206.0					1
15			63.7	86.7	109.6	132.6	155.5	178.5	201.4	224.4	247.4	270.3				2
16			74.9	102.0	129.1	156.2	183.3	210.4	237.4	264.5	291.6	318.7	401.7			1
17			86.9	118.3	149.8	181.3	212.8	244.3	275.7	307.2	338.7	370.2	460.9			2
18			99.5	135.7	171.8	207.9	244.1	280.2	316.4	352.5	388.6	424.8	523.6			0
19			112.9	153.9	195.0	236.1	277.2	318.2	359.3	400.4	441.4	482.5	589.6	564.6		0
20				173.2	219.5	265.8	312.0	358.3	404.6	450.8	497.1	543.4	635.9	635.9		2
21				193.5	245.2	297.0	348.7	400.4	452.1	503.9	555.6	607.3	710.8	762.5		1
22				214.7	272.2	329.7	387.1	444.6	502.1	559.5	617.0	674.5	731.9	789.4	846.9	1
23				237.0	300.5	363.9	427.4	490.9	554.3	617.8	681.3	744.7	808.2	871.7	935.1	2
24				260.2	330.0	399.7	469.4	539.2	608.9	678.7	748.4	818.1	887.9	957.6	1027.3	0
25					360.7	437.0	513.3	589.6	665.9	742.1	818.4	894.7	971.0	1047.2	1123.5	0
26					392.8	475.9	559.0	642.1	725.1	808.2	891.3	974.4	1057.5	1140.6	1223.7	1
27					426.1	516.3	606.4	696.6	786.8	876.9	967.1	1057.3	1147.4	1237.6	1327.8	1
28					460.7	558.2	655.7	753.2	850.8	948.3	1045.8	1143.3	1240.8	1338.3	1435.9	1
29					496.5	601.7	706.8	811.9	917.1	1022.2	1127.4	1232.5	1337.6	1442.8	1547.9	0
30						646.7	759.7	872.7	985.8	1098.8	1211.8	1324.9	1437.9	1550.9	1663.9	0
31						693.2	814.4	935.6	1056.8	1178.0	1299.2	1420.4	1541.6	1662.8	1783.9	1
32						741.3	870.9	1000.6	1130.2	1259.8	1389.4	1519.1	1648.7	1778.3	1907.9	0
33						791.0	929.3	1067.6	1205.9	1344.3	1482.6	1620.9	1759.3	1897.6	2035.9	1
34						842.1	989.4	1136.7	1284.0	1431.3	1578.6	1726.0	1873.3	2020.6	2167.9	1
35							1051.4	1208.0	1364.5	1521.1	1677.6	1834.2	1990.7	2147.2	2303.8	0
36							1115.2	1281.3	1447.3	1613.4	1779.5	1945.5	2111.6	2277.7	2443.7	0
37							1180.8	1356.7	1532.5	1708.4	1884.2	2060.1	2235.9	2411.8	2587.6	0
38							1248.2	1434.1	1620.1	1806.0	1991.9	2177.8	2363.7	2549.6	2735.5	0
39							1317.5	1513.7	1710.0	1906.2	2102.4	2298.7	2494.9	2691.2	2887.4	1
40								1595.4	1802.2	2009.1	2215.9	2422.8	2629.6	2836.4	3043.3	0
41								1679.1	1896.9	2114.6	2332.3	2550.0	2767.7	2985.4	3203.2	0
42								1765.0	1993.8	2222.7	2451.6	2680.4	2909.3	3138.2	3367.0	0
43								1852.9	2093.2	2333.5	2573.8	2814.0	3054.3	3294.6	3534.9	0
44								1942.9	2194.9	2446.9	2698.8	2950.8	3202.8	3454.7	3706.7	0
45								2299.0	2562.9	2826.8	3090.8	3354.7	3618.6	3882.6	4146.5	0
46								2405.4	2681.6	2957.7	3233.9	3510.1	3786.2	4062.4	4338.6	0
47								2514.2	2802.9	3091.6	3380.2	3668.9	3957.5	4246.2	4534.0	0
48								2625.4	2926.8	3228.3	3529.7	3831.1	4132.6	4434.0	4735.8	0
49								2738.9	3053.4	3367.9	3682.4	3996.9	4311.4	4625.8	4937.6	0
50								2854.8	3182.6	3510.4	3838.2	4166.0	4493.8	4821.6	5150.0	0

BASIS
TREES

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIA
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

D8H CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.6	1.1	1.6	2.0	2.3	2.6	3.0									4
8	1.9	3.9	5.7	7.3	8.6	9.9	11.3	12.8								5
9	3.6	7.5	11.2	14.4	17.1	19.7	22.5	25.5	28.6							3
10		11.7	17.6	22.8	27.2	31.3	35.8	40.6	45.5							2
11		16.5	24.9	32.2	38.4	44.3	50.7	57.4	64.5	71.7						3
12		21.7	32.9	42.6	50.8	58.6	66.9	75.9	85.2	94.7						0
13		27.4	41.6	53.9	64.2	73.9	84.4	95.8	107.6	119.6	131.7					5
14		33.5	50.9	66.0	78.5	90.4	103.1	116.9	131.3	146.0	160.8					3
15			60.9	78.9	93.7	107.7	122.9	139.3	156.5	174.0	191.7	209.4				6
16			71.5	92.6	109.8	126.1	143.7	162.8	182.8	203.3	224.0	244.7				3
17			82.8	107.1	126.7	145.2	165.3	187.3	210.3	233.8	257.6	281.5	305.4			2
18			94.7	122.3	144.4	165.1	187.8	212.6	238.7	265.5	292.4	319.5	346.7			0
19			107.2	138.2	162.8	185.8	211.0	238.7	268.0	297.9	328.2	358.7	389.2	419.7		3
20				154.9	181.9	207.0	234.7	265.4	297.8	331.1	364.8	398.6	432.5	466.4		1
21				172.2	201.6	228.6	258.8	292.4	328.1	364.8	401.8	439.1	476.5	513.8	551.2	0
22				190.1	221.7	250.6	283.2	319.7	358.6	398.6	439.1	479.8	520.6	561.5	602.4	1
23				208.6	242.3	272.9	307.6	346.9	388.9	432.3	476.2	520.4	564.7	609.0	653.3	2
24				227.6	263.1	295.1	331.8	373.8	418.9	465.5	512.8	560.4	608.1	655.8	703.5	0
25					284.2	317.2	355.6	400.1	448.1	497.9	548.5	599.3	650.3	701.4	752.5	1
26					305.3	338.9	378.7	425.4	476.2	529.0	582.7	636.7	690.9	745.1	799.4	0
27					326.3	359.9	400.7	449.4	502.7	558.3	614.9	671.9	729.0	786.3	843.5	1
28					346.9	380.1	421.3	471.5	527.0	585.2	644.4	704.1	764.0	824.0	884.0	1
29					367.1	401.2	440.0	491.3	548.6	608.9	670.5	732.6	794.9	857.3	919.8	0
30						416.2	456.3	508.1	566.8	628.8	692.3	756.4	820.7	885.1	949.6	0
31						431.3	469.7	521.3	580.8	644.0	708.8	774.4	840.3	906.2	972.2	1
32						443.9	479.5	530.1	589.6	653.3	719.0	785.4	852.2	919.1	986.1	1
33						453.9	484.9	533.5	592.2	655.7	721.4	788.0	855.0	922.1	989.3	1
34						458.9	485.1	530.5	587.4	649.9	714.7	780.6	846.9	913.3	979.9	1
35							479.0	519.9	573.9	634.1	697.1	761.2	825.8	890.6	955.4	0
36							465.5	500.3	550.0	606.7	666.5	727.7	789.4	851.3	913.3	0
37							443.3	470.2	513.8	565.5	620.8	677.5	734.9	792.5	850.2	0
38							410.8	427.5	463.3	508.3	557.2	607.9	659.2	710.9	762.6	0
39							366.3	370.3	396.0	432.1	472.8	515.4	558.8	602.5	646.3	1
40								296.0	309.0	333.9	363.9	396.1	429.2	462.7	496.4	0
41								201.7	199.0	209.8	226.5	245.6	265.8	286.4	307.2	0
42								84.1	62.2	55.6	55.7	58.7	62.8	67.4	72.1	0
43								49.7	21.0	8.6	3.5	1.4	.6	.2	.1	0
44								52.1	22.0	9.1	3.7	1.5	.6	.2	.1	0
45									23.0	9.5	3.9	1.5	.6	.2	.1	0
46									24.1	9.9	4.0	1.6	.6	.3	.1	0
47									25.2	10.4	4.2	1.7	.7	.3	.1	0
48									26.3	10.8	4.4	1.8	.7	.3	.1	0
49									27.5	11.3	4.6	1.8	.7	.3	.1	0
50									28.6	11.8	4.8	1.9	.8	.3	.1	0
BASIS TREES	0	1	3	12	14	5	9	6	4	1	1	0	0	0	0	0

600SS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNFORKED TREES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	1.4	.7	1.1	1.4	1.8	2.1	2.4										0
8	1.4	2.8	4.2	5.6	7.0	8.4	9.8	11.2									0
9	2.7	5.6	8.6	11.6	14.5	17.5	20.4	23.4		26.4							2
10		9.2	14.1	19.0	23.9	28.8	33.8	38.7		43.6							2
11		13.2	20.5	27.7	34.9	42.1	49.4	56.6		63.8	71.0						2
12		17.8	27.7	37.5	47.4	57.2	67.1	76.9		86.7	96.6						0
13		22.9	35.7	48.4	61.2	74.0	86.7	99.5		112.2	125.0	137.7					2
14		28.5	44.4	60.4	76.4	92.3	108.3	124.3		140.2	156.2	172.1					3
15			54.0	73.4	92.9	112.3	131.8	151.2		170.6	190.1	209.5	229.0				3
16			64.2	87.4	110.6	133.9	157.1	180.3		203.5	226.7	249.9	273.1				2
17			75.2	102.5	129.7	157.0	184.2	211.5		238.7	266.0	293.2	320.5	347.8			1
18			86.9	118.5	150.1	181.7	213.2	244.8		276.4	307.9	339.5	371.1	402.7			2
19			99.4	135.6	171.7	207.9	244.1	280.2		316.4	352.6	388.7	424.9	461.0	497.2		0
20				153.6	194.7	235.7	276.7	317.8		358.8	399.8	440.8	481.9	522.9	563.9		2
21				172.7	218.9	265.0	311.2	357.4		403.6	449.7	495.9	542.1	588.2	634.4	680.6	1
22				192.8	244.4	295.9	347.5	399.1		450.7	502.3	553.9	605.5	657.0	708.6	760.2	1
23				213.9	271.1	328.4	385.7	443.0		500.2	557.5	614.8	672.0	729.3	786.6	843.9	2
24				236.0	299.2	362.4	425.7	488.9		552.1	615.4	678.6	741.8	805.1	868.3	931.5	0
25					328.5	398.0	467.5	536.9		606.4	675.9	745.3	814.8	884.3	953.7	1023.2	0
26					359.2	435.1	511.1	587.1		663.0	739.0	815.0	891.0	966.9	1042.9	1118.9	1
27					391.1	473.8	556.6	639.3		722.1	804.8	887.6	970.3	1053.1	1135.8	1218.6	1
28					424.2	514.1	603.9	693.7		783.5	873.3	963.1	1052.9	1142.7	1232.5	1322.3	1
29					458.7	555.9	653.0	750.1		847.3	944.4	1041.5	1138.6	1235.8	1332.9	1430.0	0
30						599.2	703.9	808.7		913.4	1018.1	1122.9	1227.6	1332.3	1437.1	1541.8	0
31						644.1	756.7	869.3		981.9	1094.5	1207.2	1319.8	1432.4	1545.0	1657.6	1
32						690.6	811.3	932.1		1052.8	1173.6	1294.4	1415.1	1535.9	1656.6	1777.4	0
33						738.6	867.8	997.0		1126.1	1255.3	1384.5	1513.7	1642.8	1772.0	1901.2	1
34						788.2	926.1	1063.9		1201.8	1339.7	1477.5	1615.4	1753.3	1891.1	2029.0	1
35							986.2	1133.0		1279.8	1426.7	1573.5	1720.3	1867.2	2014.0	2160.9	0
36							1048.1	1204.2		1360.3	1516.3	1672.4	1828.5	1984.6	2140.6	2296.7	0
37							1111.9	1277.5		1443.1	1608.7	1774.2	1939.8	2105.4	2271.0	2436.6	0
38							1177.5	1352.9		1528.3	1703.6	1879.0	2054.4	2229.8	2405.1	2580.5	0
39							1244.9	1430.4		1615.8	1801.2	1986.7	2172.1	2357.6	2543.0	2728.4	1
40								1510.0		1705.8	1901.5	2097.3	2293.1	2488.8	2684.6	2880.4	0
41								1591.7		1798.1	2004.5	2210.8	2417.2	2623.6	2830.0	3036.4	0
42								1675.5		1892.8	2110.0	2327.3	2544.6	2761.8	2979.1	3196.3	0
43								1761.4		1989.8	2218.3	2446.7	2675.1	2903.5	3131.9	3360.4	0
44								1849.5		2089.3	2329.2	2569.0	2808.8	3048.7	3288.5	3528.4	0
45										2191.1	2442.7	2694.2	2945.8	3197.3	3448.9	3700.4	0
46										2295.4	2558.9	2822.4	3085.9	3349.5	3613.0	3876.5	0
47										2402.0	2677.7	2953.5	3229.3	3505.1	3780.8	4056.6	0
48										2510.9	2799.2	3087.5	3375.8	3664.1	3952.4	4240.7	0
49										2622.3	2923.4	3224.5	3525.6	3826.7	4127.8	4428.9	0
50										2736.0	3050.2	3364.4	3678.5	3992.7	4306.9	4621.0	0

BASIS
TREES

NET SCPIBNER BOARD FOOT VOLUME TO 6 INCH TOP DB
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.4	.7	1.0	1.3	1.5	1.6	1.8										4
8	1.4	2.7	4.0	5.0	5.8	6.5	7.4	8.3									5
9	2.7	5.5	8.2	10.3	12.0	13.6	15.4	17.4	19.4								3
10		9.0	13.3	17.0	19.8	22.4	25.3	28.5	31.9								2
11		13.0	19.4	24.7	28.7	32.5	36.7	41.4	46.4								3
12		17.4	26.2	33.3	38.8	43.8	49.5	55.8	62.6								0
13		22.4	33.7	42.9	49.9	56.2	63.4	71.6	80.2								5
14		27.8	41.9	53.3	61.8	69.6	78.5	88.5	99.1			98.1					0
15			50.8	64.5	74.7	83.9	94.5	106.4	119.2			121.3					5
16			60.3	76.5	88.4	99.0	111.3	125.3	140.3			145.9	159.3				3
17			70.5	89.3	102.8	114.8	128.8	144.9	162.3			171.7	187.6				6
18			81.3	102.7	117.8	131.2	146.9	165.1	184.9			198.5	216.9				3
19			92.7	116.9	133.5	148.1	165.4	185.7	207.9			226.1	247.0				2
20				131.7	149.7	165.3	184.1	206.5	231.0			252.5	277.7				0
21				147.0	166.3	182.7	202.9	227.3	254.1			282.5	308.6				3
22				162.9	183.2	200.2	221.5	247.7	276.8			308.6	334.9				1
23				179.3	200.3	217.5	239.7	267.6	298.8			338.3	369.6				426.0
24				196.0	217.4	234.4	257.2	286.4	319.5			365.0	398.8				464.0
25					234.4	250.6	273.6	303.9	338.7			375.6	401.0				500.6
26					251.1	266.0	288.5	319.6	355.8			394.3	426.3				535.2
27					267.3	280.1	301.6	332.9	370.0			410.0	441.1				567.0
28					282.8	292.5	312.3	343.3	380.9			421.7	453.9				595.1
29					297.2	302.9	320.1	350.0	387.6			428.7	463.9				618.5
30						310.7	324.3	352.4	389.1			430.0	472.7				646.3
31						315.4	324.1	349.4	384.5			424.3	466.2				674.9
32						316.3	318.7	340.0	372.5			410.4	450.7				638.8
33						312.7	307.2	323.1	351.8			386.7	424.2				617.3
34						303.6	288.3	297.3	320.9			351.4	385.0				580.8
35							260.7	261.0	277.8			302.6	330.8				526.7
36							223.0	212.4	220.5			237.7	258.9				452.0
37							173.3	149.3	146.7			154.3	166.4				352.9
38							109.7	69.4	53.4			49.0	49.8				225.5
39							86.9	38.4	16.2			6.7	2.7				65.0
40								40.5	17.1			7.0	2.9				1
41								42.7	18.0			7.4	3.0				1
42								44.9	19.0			7.8	3.2				1
43								47.3	19.9			8.2	3.3				1
44								49.6	20.9			8.6	3.5				1
45								22.0	22.0			9.0	3.7				1
46								23.0	23.0			9.5	3.8				1
47								24.1	24.1			9.9	4.0				1
48								25.2	25.2			10.4	4.2				1
49								26.3	26.3			10.8	4.4				1
50								27.4	27.4			11.3	4.6				1

BASIS
TREES

[illegible]

TOTAL STEM NET CUBIC FOOT VOLUME
ENGELMANN SPRUCE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREFS
1	.2																0
2	.3	.4															0
3	.4	.6															0
4	.6	.9	.8														0
5	.7	1.2	1.2	1.6	2.9	4.8	7.6	11.3	16.0	26.5							15
6	1.0	1.3	1.8	2.3	4.0	6.5	9.8	14.2	19.8	31.5							20
7	1.2	2.3	3.3	4.3	5.4	8.4	12.3	17.4	23.9	36.9							17
8	1.5	2.9	4.2	5.6	6.9	10.5	15.1	20.9	28.2	36.9							12
9	1.9	3.6	5.3	7.0	8.7	12.8	18.1	24.7	32.8	42.8							21
10		4.3	6.4	8.5	10.6	15.3	21.3	28.6	37.6	48.5							11
11		5.2	7.7	10.2	12.7	18.1	24.7	32.8	42.8	53.9							12
12		6.1	9.1	12.0	15.0	21.0	28.3	37.2	47.8	58.8							3
13		7.1	10.5	14.0	17.4	24.1	32.1	41.7	54.4	66.5							3
14		8.2	12.1	16.0	20.0	27.3	36.0	46.3	53.0	60.4							3
15			13.8	18.2	22.7	27.3	34.1	40.0	48.2	58.4							3
16			15.5	20.5	25.5	30.7	37.6	44.1	50.9	58.4							3
17			17.4	22.9	28.4	34.1	40.0	46.3	53.0	60.4							3
18			19.3	25.4	31.4	37.6	44.1	50.9	58.4	66.5							4
19			21.3	27.9	34.5	41.2	48.2	55.6	63.7	72.6							1
20				30.5	37.6	44.8	52.3	60.3	69.1	78.7							3
21				33.1	40.7	48.4	56.4	65.0	74.4	84.7							1
22				35.8	43.8	51.9	60.4	69.6	79.6	90.6							1
23				41.1	46.9	55.5	64.4	74.1	84.7	96.4							0
24					50.0	58.9	68.3	78.4	89.7	102.1							0
25					53.0	62.2	72.0	82.6	94.5	107.5							0
26					55.9	65.4	75.5	86.7	99.0	112.8							0
27					58.7	68.5	78.9	90.5	103.4	117.8							0
28					61.5	71.4	82.1	94.1	107.6	122.5							0
29					64.0	74.1	85.1	97.5	111.4	127.0							0
30						76.7	87.9	100.7	115.1	131.1							0
31						79.1	90.5	103.6	118.4	135.0							0
32						81.2	92.8	106.2	121.5	138.5							0
33						83.1	94.9	108.6	124.2	141.7							0
34						84.9	96.8	110.7	126.7	144.6							0
35							98.4	112.6	128.9	147.2							0
36							99.8	114.2	130.8	149.4							0
37							101.0	115.6	132.4	151.3							0
38							101.9	116.7	133.8	152.8							0
39							102.6	117.6	134.8	154.1							0
40								118.2	135.6	155.0							0
41								118.6	136.1	155.6							0
42								118.8	136.3	155.9							0
43								118.7	136.4	156.0							0
44								118.5	136.2	155.7							0
45									135.7	155.3							0
46									135.1	154.6							0
47									134.3	153.6							0
48									133.3	152.5							0
49									132.2	151.2							0
50									130.9	149.7							0
BASIS TREES	0	3	34	39	19	16	13	9	2	1		0	0	0	0	0	0

TOTAL STEM NET CUBIC FOOT VOLUME
CORKBARK FIR
SANTA FE-CARSON N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
1	.2																0
2	.3	.4															0
3	.4	.6															0
4	.6	.9															0
5	.8	1.3	.8	1.5													0
6	1.0	1.8	2.5	3.2	2.7	4.5											0
7	1.3	2.3	3.3	4.2	3.8	6.0											0
8	1.6	3.0	4.3	5.5	6.6	7.7	6.8										0
9	2.0	3.7	5.4	6.9	8.3	9.7	8.8	9.8									0
10		4.6	6.6	8.5	10.2	11.9	11.0	12.2	13.4								0
11		5.5	8.0	10.3	12.4	14.4	13.5	15.0	16.4								0
12		6.5	9.6	12.3	14.8	17.2	16.3	18.0	19.7								0
13		7.6	11.2	14.5	17.5	20.3	19.4	21.5	23.4	21.3							0
14		8.7	13.0	16.9	20.4	23.7	22.9	25.3	27.6	25.3							0
15			14.9	19.5	23.6	27.4	30.9	34.2	37.3	34.7							0
16			16.9	22.3	27.0	31.4	35.5	39.3	42.9	40.2							0
17			19.0	25.3	30.7	35.8	40.5	44.9	49.0	46.3							0
18			21.3	28.3	34.7	40.4	45.8	50.8	55.6	52.9							0
19			23.7	31.6	38.9	45.4	51.5	57.2	62.6	59.8							0
20				34.9	43.4	50.7	57.5	64.0	70.1	64.1							0
21				38.5	48.1	56.3	64.0	71.2	78.1	76.9							0
22				42.2	52.7	62.1	70.7	78.9	86.5	84.9							0
23				46.1	57.6	68.3	77.8	86.9	95.4	91.1							0
24				50.2	62.7	74.8	85.3	95.3	104.8	96.5							0
25					68.0	81.6	93.1	104.1	114.6	107.2							0
26					73.6	88.2	101.3	113.4	124.9	113.4							0
27					79.3	95.1	109.8	123.0	135.6	125.5							0
28					85.3	102.3	118.7	133.0	146.7	138.3							0
29					91.5	109.7	127.9	143.4	158.3	152.6							0
30					117.4	136.9	154.2	170.4	185.9	180.6							0
31					125.3	146.2	165.4	182.9	199.6	196.5							0
32					133.5	155.7	177.1	195.8	213.9	212.1							0
33					142.0	165.6	189.1	209.2	228.6	228.8							0
34					150.7	175.8	200.9	223.0	243.8	246.1							0
35							186.3	212.9	237.3	264.1							0
36							197.1	225.2	252.0	281.1							0
37							208.1	237.9	267.2	298.8							0
38							219.5	250.9	282.2	310.9							0
39							231.2	264.2	297.2	340.7							0
40								277.9	312.7	363.7							0
41								292.0	328.5	385.6							0
42								306.4	344.7	408.1							0
43								321.2	361.3	431.2							0
44								336.3	378.3	458.1							0
45									395.7	482.5							0
46									413.4	505.2							0
47									431.6	527.4							0
48									450.1	559.0							0
49									469.1	573.3							0
50									488.4	596.9							0
BASIS TREES	0	0	9	5	9	7	5	0	0	0	0	0	0	0	0	0	0

GROSS CUBIC FOOT VOLUME TO TOP DBH OF 4 INCHES-UNFORKED TREES
 ENGELMANN SPRUCE-CORKBARK FIP
 SANTA FE-CARSON-LINCOLN N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS FO	90	100	110	120	130	140	150	BASIS TREES
5	.5	.7	.9	1.1	1.3											17
6	.7	1.3	1.8	2.3	2.8	3.3										23
7	1.0	1.8	2.7	3.5	4.4	5.2										17
8	1.2	2.4	3.7	4.9	6.1	7.3										12
9	1.5	3.1	4.7	6.3	8.0	9.6		9.7								25
10		4.6	7.1	9.7	12.2	14.7	12.0	16.1	14.4							14
11		5.5	8.5	11.5	14.6	17.6	17.2	19.7	22.3	24.8						10
12		6.4	10.0	13.6	17.2	20.7	24.3	27.9	31.5	35.1						5
13		7.4	11.6	15.3	19.9	24.1	28.3	32.5	36.6	40.8						4
14			13.3	18.1	22.9	27.7	32.5	37.3	42.1	47.0						3
15			15.1	20.6	26.1	31.5	37.0	42.5	48.0	53.5						5
16			17.0	23.2	29.4	35.6	41.8	48.1	54.3	60.5	38.7					4
17			19.0	26.0	33.0	40.0	46.9	53.9	60.9	67.9	51.8					3
18			21.2	29.0	36.7	44.5	52.3	60.1	67.9	75.7	59.0					5
19				32.1	40.7	49.3	58.0	66.6	75.2	83.9	66.7					3
20				35.3	44.9	54.4	63.9	73.4	83.0	92.5	74.8					5
21				38.7	49.2	59.7	70.1	80.6	91.1	101.5	81.8					3
22				42.3	53.8	65.2	76.7	88.1	99.5	111.0	79.1					5
23				46.1	58.5	71.0	83.5	95.9	108.4	120.9	88.8					1
24					63.5	77.0	90.6	104.1	117.6	131.1	91.2					4
25					68.7	83.3	97.9	112.6	127.2	141.8	109.8					1
26					74.0	89.8	105.6	121.4	137.2	153.0	121.1					1
27					79.6	96.6	113.6	130.5	147.5	164.5	132.9					1
28					85.4	103.6	121.8	140.0	158.2	176.5	145.3					0
29						110.8	130.3	149.8	169.3	188.8	158.2					0
30						118.3	139.1	160.0	180.8	201.6	171.7					0
31						126.1	148.3	170.5	192.6	214.8	184.5					0
32						134.0	157.7	181.3	204.9	228.5	198.5					0
33						142.3	167.3	192.4	217.5	242.5	200.3					0
34							177.3	203.9	230.4	257.0	215.5					0
35							187.6	215.7	243.8	271.9	227.8					0
36							198.1	227.8	257.5	287.2	243.3					0
37							209.0	240.3	271.6	302.9	252.1					0
38							220.1	253.1	286.1	319.0	267.6					0
39								266.2	300.9	335.6	283.5					0
40								279.7	316.1	352.6	310.1					0
41								293.5	331.7	370.0	328.1					0
42								307.6	347.7	387.8	336.7					0
43								322.0	364.0	406.0	356.2					0
44									380.8	424.7	389.0					0
45									397.9	443.8	408.2					0
46									415.3	463.2	427.9					0
47									433.2	483.2	448.0					0
48									451.4	503.5	468.0					0
49									470.0	524.2	484.8					0
50																0

BASIS
 TREES

NET CUBIC FOOT VOLUME TO TOP DIA OF 4 INCHES
ENGELMANN SPRUCE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.7	.8	1.0	1.2											15
6	.7	1.2	1.7	2.2	2.7	3.2										20
7	.9	1.7	2.6	3.4	4.2	5.1										17
8	1.2	2.3	3.5	4.6	5.8	7.1										12
9	1.4	2.9	4.5	6.0	7.6	9.2		9.7								21
10		3.6	5.6	7.5	9.5	11.5		12.6	14.4							11
11		4.4	6.7	9.1	11.5	14.0		15.9	18.2							12
12		5.1	8.0	10.8	13.7	16.7		19.4	22.3	24.8						3
13		6.0	9.3	12.6	16.0	19.5		23.1	26.6	29.7						3
14		6.9	10.7	14.6	18.5	22.5		27.0	31.3	35.1	38.7					3
15			12.2	16.6	21.1	25.6		31.2	36.1	40.8	45.0	56.6				3
16			13.8	18.8	23.8	28.9		35.6	41.3	47.0	51.8	64.5				3
17			15.5	21.0	26.6	32.4		40.2	46.6	53.5	59.0	72.9				3
18			17.2	23.4	29.5	35.9		45.0	52.2	60.1	66.7	81.8	79.1			4
19			19.1	25.8	32.6	39.5		49.9	57.9	66.8	74.8	88.8	88.8			1
20				28.3	35.7	43.3		54.9	63.8	73.6	83.4	91.2	99.0	106.8		3
21				30.9	38.8	47.0		51.3	60.1	69.8	79.7	89.5	109.8	118.4	140.1	1
22				33.5	42.1	50.9		55.8	65.3	75.9	86.7	97.5	109.0	121.1	130.6	1
23				36.2	45.3	54.8		60.3	70.6	82.1	94.8	107.4	121.5	132.9	143.4	0
24				38.9	48.6	58.7		64.9	76.0	88.3	102.1	117.4	133.9	145.3	156.8	0
25					52.0	62.6		74.0	86.7	100.9	116.6	134.1	153.4	171.7	185.3	0
26					55.3	66.5		78.6	92.1	107.1	123.9	142.5	163.0	185.4	200.4	0
27					58.6	70.4		83.2	97.4	113.4	131.1	150.8	172.5	196.2	216.1	0
28					61.9	74.2		87.7	102.7	119.5	138.3	159.1	182.0	206.9	232.4	0
29					65.2	78.0		92.1	107.9	125.7	145.4	167.3	191.3	217.5	246.1	0
30						81.7		96.5	113.1	131.7	152.5	175.4	200.5	228.0	257.9	0
31						85.4		100.8	118.2	137.7	159.4	183.3	209.6	238.3	269.4	0
32						89.0		105.0	123.1	143.5	166.2	191.1	218.5	248.3	280.8	0
33						92.5		109.1	128.0	149.2	172.8	198.8	227.2	258.1	291.8	0
34						95.9		113.2	132.8	154.8	179.3	206.2	235.7	267.7	302.5	0
35								117.1	137.4	160.3	185.6	213.5	243.9	277.0	312.9	0
36								120.9	142.0	165.6	191.8	220.5	251.9	286.0	323.0	0
37								124.6	146.3	170.8	197.8	227.4	259.6	294.7	332.7	0
38								128.2	150.6	175.7	203.5	234.0	267.1	303.1	342.1	0
39								131.7	154.7	180.6	209.1	240.3	274.3	311.1	351.0	0
40									158.7	185.2	214.5	246.4	281.1	318.8	359.6	0
41									162.5	189.7	219.6	252.3	287.7	326.1	367.7	0
42									166.2	194.0	224.6	257.9	294.0	333.1	375.4	0
43									169.8	198.2	229.3	263.2	300.0	339.7	382.7	0
44										202.1	233.8	268.3	305.7	346.0	389.6	0
45										205.9	238.1	273.1	311.0	351.9	396.1	0
46										209.5	242.2	277.7	316.1	357.5	402.1	0
47										212.9	246.1	282.1	320.9	362.7	407.8	0
48										216.2	249.8	286.2	325.3	367.5	413.0	0
49										219.3	253.3	290.0	329.5	372.1	417.9	0
50										222.3	256.6	293.6	333.5	376.3	422.4	0
BASIS TREES	0	3	34	39	19	16	13	9	2	1	0	0	0	0	0	0

NET CUBIC FOOT VOLUME TO TOP OF 4 INCHES
CORKBARK FIR
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS PO	90	100	110	120	130	140	150	BASIS TREES
5	.5	.7	.8	1.0	1.2											2
6	.7	1.2		2.1	2.6	3.0										3
7	1.0	1.8	2.6	3.3	4.0	4.7	5.4									4
8	1.2	2.4	3.6	4.6	5.6	6.5	7.4	8.3								1
9	1.5	3.1	4.6	6.0	7.3	8.5	9.7	10.8	11.9							4
10		3.8	5.8	7.5	9.2	10.7	12.2	13.6	14.9	19.6						4
11		4.6	7.1	9.3	11.3	13.2	14.9	16.6	18.1	23.5						2
12		5.5	8.5	11.1	13.6	15.9	18.0	19.9	21.8	27.8						5
13		6.4	10.0	13.2	16.1	18.8	21.3	23.7	25.8	32.7	29.7					3
14		7.4	11.6	15.5	18.9	22.1	25.0	27.8	30.3	38.0	34.8					0
15			13.3	17.9	21.9	25.7	29.1	32.3	35.3	43.9	40.5	42.9				2
16			15.1	20.6	25.2	29.5	33.5	37.2	40.7	50.3	46.8	49.6	59.8			2
17			17.0	23.2	28.7	33.7	38.3	42.6	46.6	57.2	53.7	56.9	77.4			0
18			19.0	26.0	32.5	38.2	43.4	48.4	52.9	64.7	61.2	64.9	87.3			2
19			21.2	29.0	36.5	42.9	48.9	54.5	59.8	72.7	69.2	73.5	91.5			0
20				32.1	40.7	48.0	54.8	61.1	67.1	81.1	77.9	82.7	107.1			1
21				35.3	44.9	53.3	60.9	68.1	74.8	90.1	87.1	92.6	109.0			0
22				38.7	49.2	59.0	67.5	75.5	83.0	99.6	96.8	103.1	120.8			0
23				42.3	53.8	64.9	74.3	83.3	91.7	109.6	107.1	114.2	132.9			0
24				46.1	58.5	71.0	81.5	91.4	100.8	120.1	118.0	125.9	146.5			0
25					63.5	77.0	89.1	100.0	110.3	129.4	129.4	138.2	160.3			0
26					68.7	83.3	97.0	108.9	120.3	131.1	141.3	151.1	174.8			0
27					74.0	89.8	105.2	118.2	130.7	142.6	153.8	164.6	184.4			0
28					79.6	96.6	113.6	128.0	141.6	154.5	166.9	178.7	189.9			0
29					85.4	103.6	121.8	138.1	152.8	167.0	180.5	193.3	205.6			0
30						110.8	130.3	148.6	164.6	179.9	194.6	208.6	222.0			0
31						118.3	139.1	159.4	176.7	193.3	209.2	224.4	239.0			0
32						126.1	148.3	170.5	189.3	207.2	224.4	240.9	256.7			0
33						134.0	157.7	181.3	202.4	221.6	240.1	257.9	275.0			0
34						142.3	167.3	192.4	215.9	236.5	256.4	275.5	293.9			0
35							177.3	203.9	229.8	251.9	273.2	293.7	313.5			0
36							187.6	215.7	243.8	267.8	290.6	312.5	333.7			0
37							198.1	227.8	257.5	284.1	308.4	331.9	354.6			0
38							209.0	240.3	271.6	300.9	326.9	351.9	376.1			0
39							220.1	253.1	286.1	318.3	345.8	372.4	398.2			0
40								266.2	300.9	335.6	365.3	393.6	421.0			0
41								279.7	316.1	352.6	385.3	415.3	444.4			0
42								293.5	331.7	370.0	405.9	437.7	468.4			0
43								307.6	347.7	387.8	427.0	460.6	493.1			0
44								322.0	364.0	406.0	448.0	484.1	518.4			0
45									380.8	424.7	468.6	508.1	544.4			0
46									397.9	443.8	489.6	532.8	571.0			0
47									415.3	463.2	511.2	558.1	598.2			0
48									433.2	483.2	533.1	583.1	626.1			0
49									451.4	503.5	555.6	607.6	654.6			0
50									470.0	524.2	578.5	632.7	683.8			0

BASIS
TREES

GROSS CUBIC FOOT VOLUME TO TOP DIA OF 6 INCHES-UNFORKED TREES
 ENGELMANN SPRUCE-COOKPARK FIP
 SANTA FE-CAPSON-LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	.8	1.2	1.5	1.9	2.2	2.6									16
8	.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4								12
9	1.2	2.4	3.7	5.0	6.2	7.5	8.8	10.0	11.3							25
10		3.3	5.0	6.8	8.5	10.3	12.0	13.8	15.5							14
11		4.1	6.4	8.6	10.9	13.2	15.4	17.7	20.0							10
12		5.0	7.8	10.6	13.5	16.3	19.1	21.9	24.7	22.2						5
13		6.0	9.4	12.8	16.2	19.5	22.9	26.3	29.7	33.1	36.5					4
14		7.0	11.0	15.0	19.0	23.0	27.0	31.0	35.0	39.0	43.0					3
15			12.8	17.4	22.1	26.7	31.4	36.1	40.7	45.4	50.0	54.7				5
16			14.6	20.0	25.3	30.7	36.0	41.4	46.7	52.1	57.4	62.8				5
17			16.6	22.7	28.8	34.8	40.9	47.0	53.1	59.2	65.2	71.3				5
18			18.7	25.5	32.4	39.2	46.1	52.9	59.8	66.6	73.5	80.4				5
19			20.8	28.5	36.2	43.8	51.5	59.2	66.9	74.5	82.2	89.9				1
20				31.6	40.2	48.7	57.2	65.8	74.3	82.8	91.4	99.9				4
21				34.9	44.4	53.8	63.2	72.7	82.1	91.5	101.0	110.4				1
22				38.4	48.8	59.1	69.5	79.9	90.3	100.6	111.0	121.4				1
23				42.0	53.3	64.7	76.1	87.4	98.8	110.1	121.5	132.9				0
24				45.8	58.1	70.5	82.9	95.3	107.7	120.1	132.4	144.8				0
25					63.1	76.6	90.0	103.5	116.9	130.4	143.8	157.3				0
26					68.3	82.9	97.4	112.0	126.6	141.1	155.7	170.3				0
27					73.7	89.4	105.1	120.9	136.6	152.3	168.0	183.7				0
28					79.3	96.2	113.1	130.0	147.0	163.9	180.8	197.7				0
29					85.1	103.2	121.4	139.5	157.7	175.9	194.0	212.2				0
30						110.5	129.9	149.4	168.8	188.3	207.7	227.2				0
31						118.0	138.8	159.5	180.3	201.1	221.9	242.6				0
32						125.8	147.9	170.0	192.2	214.3	236.5	258.6				0
33						133.7	157.3	180.9	204.4	228.0	251.5	275.1				0
34						142.0	167.0	192.0	217.0	242.1	267.1	292.1				0
35							177.0	203.5	230.0	256.5	283.1	309.6				0
36							187.3	215.3	243.4	271.4	299.5	327.6				0
37							197.8	227.5	257.1	286.8	316.4	346.1				0
38							208.7	240.0	271.2	302.5	333.8	365.0				0
39							219.8	252.8	285.7	318.7	351.6	384.6				0
40								265.9	300.6	335.2	369.9	404.6				0
41								279.4	315.8	352.2	388.6	425.1				0
42								293.2	331.4	369.6	407.9	446.1				0
43								307.3	347.4	387.5	427.5	467.6				0
44								321.8	363.7	405.7	447.7	489.6				0
45									380.5	424.4	468.3	512.2				0
46									397.6	443.5	489.3	535.2				0
47									415.1	463.0	510.8	558.7				0
48									432.9	482.9	532.8	582.8				0
49									451.2	503.2	555.3	607.3				0
50									469.8	524.0	578.2	632.4				0

BASIS
TREES

D8H CLASS	HEIGHT CLASS										BASIS TREES
	10	20	30	40	50	60	70	80	90	100	
7	.5	.8	1.1	1.5	1.8	2.2	2.5				17
8	.8	1.5	2.3	3.1	3.9	4.7	5.5	6.4			17
9	1.1	2.3	3.5	4.7	5.9	7.2	8.5	9.9	11.3		21
10		3.1	4.7	6.4	8.1	9.8	11.6	13.5	15.5		11
11		3.9	6.0	8.1	10.3	12.5	14.9	17.3	20.0	22.2	12
12		4.7	7.3	10.0	12.6	15.4	18.2	21.3	24.6	27.5	3
13		5.6	8.7	11.9	15.1	18.3	21.8	25.4	29.4	33.1	3
14		6.5	10.2	13.9	17.6	21.4	25.5	29.7	34.4	39.0	3
15			11.8	16.0	20.3	24.7	29.3	34.2	39.6	45.4	3
16			13.4	18.2	23.0	28.0	33.3	38.9	45.1	51.9	3
17			15.1	20.5	25.9	31.5	37.4	43.7	50.6	58.3	3
18			16.9	22.9	28.9	35.0	41.6	48.6	56.4	65.0	3
19			18.7	25.3	31.9	38.7	45.9	53.6	62.2	71.7	4
20				27.8	35.0	42.4	50.2	58.7	68.1	78.6	1
21				30.4	38.2	46.2	54.6	63.9	74.1	85.6	3
22				33.0	41.4	50.0	59.1	69.1	80.2	92.6	1
23				35.7	44.6	53.8	63.6	74.3	86.3	99.6	1
24				38.4	47.8	57.6	68.0	79.5	92.3	106.6	0
25					51.1	61.4	72.5	84.7	98.4	113.6	0
26					54.3	65.2	76.9	89.8	104.4	120.6	0
27					57.6	68.9	81.2	94.9	110.3	127.4	0
28					60.8	72.6	85.5	99.9	116.1	134.2	0
29					63.9	76.2	89.7	104.9	121.9	140.9	0
30						79.8	93.9	109.7	127.6	147.5	0
31						83.2	97.9	114.5	133.1	153.9	0
32						86.6	101.8	119.1	138.5	160.2	0
33						89.9	105.7	123.6	143.8	166.3	0
34						93.0	109.4	128.0	148.9	172.2	0
35							112.9	132.2	153.9	178.0	0
36							116.4	136.3	158.7	183.5	0
37							119.7	140.2	163.3	188.9	0
38							123.0	144.0	167.8	194.0	0
39							126.0	147.7	172.0	198.9	0
40								151.2	176.1	203.7	0
41								154.6	180.1	208.2	0
42								157.8	183.8	212.4	0
43								160.9	187.4	216.5	0
44								163.8	190.8	220.4	0
45									194.0	224.0	0
46									197.1	227.5	0
47									200.0	230.8	0
48									202.7	233.8	0
49									205.4	236.7	0
50									207.8	239.5	0

NET CUBIC FOOT VOLUME TO TOP DIP OF 6 INCHES
CORKBARK FIR
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	.5	.8	1.1	1.4	1.7	1.9	2.2									4
8	.8	1.6	2.4	3.0	3.6	4.2	4.7	5.3								1
9	1.2	2.4	3.6	4.6	5.6	6.5	7.3	8.1	8.8							4
10		3.3	5.0	6.4	7.7	8.9	10.0	11.0	12.0							4
11		4.1	6.4	8.3	9.9	11.5	12.9	14.1	15.3							2
12		5.0	7.8	10.3	12.4	14.3	16.0	17.5	18.9	16.4						5
13		6.0	9.4	12.5	15.1	17.4	19.4	21.3	22.9	20.2	25.8					3
14		7.0	11.0	15.0	18.0	20.8	23.2	25.4	27.4	29.2	30.7					0
15			12.8	17.4	21.2	24.5	27.4	30.0	32.4	34.4	36.3					2
16			14.6	20.0	24.7	28.5	32.0	35.1	37.8	40.3	42.4					2
17			16.6	22.7	28.4	32.9	36.9	40.5	43.8	46.6	49.2					0
18			18.7	25.5	32.4	37.6	42.3	46.5	50.2	53.6	56.6					2
19			20.8	28.5	36.2	42.6	48.0	52.8	57.2	61.2	64.7					0
20				31.6	40.2	47.9	54.1	59.6	64.7	69.2	73.4					1
21				34.9	44.4	53.6	60.5	66.9	72.6	77.9	82.7					0
22				38.4	48.8	59.1	67.4	74.5	81.1	87.1	92.6					0
23				42.0	53.3	64.7	74.6	82.6	90.0	96.8	103.1					0
24				45.8	58.1	70.5	82.1	91.2	99.5	107.1	114.2					0
25					63.1	76.6	90.0	100.1	109.4	118.0	125.9					0
26					68.3	82.9	97.4	109.5	119.8	129.3	138.1					0
27					73.7	89.4	105.1	119.2	130.6	141.2	150.0					0
28					79.3	96.2	113.1	129.4	142.0	153.6	164.5					0
29					85.1	103.2	121.4	139.5	153.8	166.6	178.5					0
30						110.5	129.9	149.4	166.0	180.0	193.1					0
31						118.0	138.8	159.5	178.8	194.0	208.4					0
32						125.8	147.9	170.0	192.0	208.6	224.2					0
33						133.7	157.3	180.9	204.4	223.6	240.5					0
34						142.0	167.0	192.0	217.0	239.2	257.5					0
35							177.0	203.5	230.0	255.4	275.0					0
36							187.3	215.3	243.4	271.4	293.2					0
37							197.8	227.5	257.1	286.8	311.9					0
38							208.7	240.0	271.2	302.5	331.2					0
39							219.8	252.8	285.7	318.7	351.1					0
40								265.9	300.6	335.2	369.9					0
41								279.4	315.8	352.2	388.6					0
42								293.2	331.4	369.6	407.9					0
43								307.3	347.4	387.5	427.5					0
44								321.8	363.7	405.7	447.7					0
45									380.5	424.4	468.3					0
46									397.6	443.5	489.3					0
47									415.1	463.0	510.8					0
48									432.9	482.9	532.8					0
49									451.2	503.2	553.3					0
50									469.8	524.0	578.2					0
BASIS TREES	0	0	9	5	9	7	5	0	0	0	0	0	0	0	0	0

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
 ENGELMANN SPRUCE-CORKBARK FIP
 SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES				
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
7	1.1	2.0	2.8	3.6	4.5	5.3	6.1								
8	3.2	6.3	9.4	12.5	15.7	18.8	21.9	25.0							16
9	5.4	11.4	17.3	23.3	29.2	35.1	41.1	47.0	53.0						12
10		16.8	25.8	34.8	43.8	52.9	61.9	70.9	80.0						25
11		22.4	34.7	47.0	59.2	71.5	83.8	96.1	108.4	120.7					14
12		28.2	43.9	59.6	75.4	91.1	106.8	122.5	138.3	154.0					10
13		34.3	53.6	72.9	92.3	111.6	130.9	150.2	169.6	188.9	208.2				5
14		40.7	63.8	86.9	110.0	133.1	156.2	179.3	202.4	225.5	248.7				4
15			74.4	101.5	128.6	155.7	182.8	209.9	237.0	264.1	291.2	318.3			3
16			85.6	116.9	148.2	179.4	210.7	242.0	273.3	304.6	335.9	367.1	454.2		4
17			97.3	133.0	168.7	204.4	240.1	275.8	311.5	347.1	382.8	418.5	512.8		3
18			109.7	150.0	190.3	230.6	270.9	311.2	351.5	391.8	432.1	472.5	574.2		5
19			122.6	167.8	212.9	258.1	303.2	348.4	393.6	438.7	483.9	529.1	638.6	619.4	1
20				186.4	236.6	286.9	337.1	387.4	437.6	487.9	538.1	588.4	706.0	688.8	4
21				205.9	261.4	317.0	372.6	428.1	483.7	539.3	594.8	650.4	776.4	761.5	1
22				226.2	287.4	348.5	409.6	470.7	531.9	593.0	654.1	715.3	849.9	837.5	1
23				247.5	314.4	381.3	448.3	515.2	582.1	649.1	716.0	782.9	926.8	916.8	0
24				269.6	342.6	415.6	488.5	561.5	634.5	707.5	780.5	853.4	926.4	999.4	0
25					371.9	451.2	530.5	609.7	689.0	768.3	847.6	926.8	1006.1	1085.4	0
26					402.4	488.2	574.0	659.8	745.7	831.5	917.3	1003.1	1086.9	1174.8	0
27					434.0	526.6	619.3	711.9	804.5	897.1	989.7	1082.3	1174.9	1267.5	0
28					466.9	566.5	666.2	765.8	865.5	965.1	1064.8	1164.4	1264.1	1363.7	0
29					500.8	607.8	714.7	821.7	928.6	1035.6	1142.5	1249.5	1356.4	1463.4	0
30						650.5	765.0	879.5	994.0	1108.5	1223.0	1337.5	1451.9	1566.4	0
31						694.6	816.9	939.2	1061.5	1183.8	1306.1	1428.4	1550.7	1673.0	0
32						740.2	870.5	1000.9	1131.2	1261.6	1391.9	1522.3	1652.6	1783.0	0
33						787.2	925.9	1064.5	1203.2	1341.8	1480.5	1619.1	1757.8	1896.5	0
34						835.7	982.9	1130.1	1277.3	1424.5	1571.8	1719.0	1866.2	2013.4	0
35							1041.6	1197.6	1353.7	1509.7	1665.8	1821.8	1977.8	2133.9	0
36							1102.0	1267.1	1432.2	1597.4	1762.5	1927.6	2092.7	2257.8	0
37							1164.1	1338.6	1513.0	1687.5	1861.9	2036.4	2210.8	2385.2	0
38							1228.0	1412.0	1596.0	1780.1	1964.1	2148.1	2332.2	2516.2	0
39							1293.5	1487.4	1681.3	1875.1	2069.0	2262.9	2456.8	2650.6	0
40								1564.7	1768.7	1972.7	2176.7	2380.6	2584.6	2788.6	0
41								1644.1	1858.4	2072.7	2287.1	2501.4	2715.7	2930.1	0
42								1725.3	1950.3	2175.2	2400.2	2625.1	2850.1	3075.0	0
43								1808.6	2044.4	2280.2	2516.1	2751.9	2987.7	3223.5	0
44								1893.8	2140.8	2387.7	2634.7	2881.6	3128.6	3375.5	0
45									2239.4	2497.7	2756.1	3014.4	3272.7	3531.1	0
46									2340.2	2610.2	2880.2	3150.2	3420.2	3690.1	0
47									2443.3	2725.2	3007.1	3289.0	3570.8	3852.7	0
48									2548.6	2842.6	3136.7	3430.7	3724.8	4018.8	0
49									2656.1	2962.6	3269.1	3575.5	3882.0	4188.5	0
50									2765.9	3085.0	3404.2	3723.4	4042.5	4361.7	0

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DBH
 ENGELMANN SPRUCE
 SANTA FE-CAPSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES				
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
7	1.0	1.7	2.5	3.2	3.9	4.7	5.4								
8	2.8	5.5	8.2	10.9	13.6	16.3	19.0	21.7							
9	4.6	9.7	14.7	19.8	24.8	29.9	34.9	40.0	45.1						
10		14.0	21.5	29.1	36.6	44.1	51.7	59.2	66.7						
11		18.3	28.3	38.4	48.5	58.5	68.6	78.5	88.7	98.7					
12		22.6	35.2	47.8	60.4	72.9	85.5	98.1	110.7	123.3					
13		26.9	42.0	57.2	72.3	87.5	102.6	117.7	132.9	148.0					
14		31.2	48.9	66.6	84.3	102.1	119.8	137.5	155.2	172.9					
15			55.8	76.2	96.5	116.8	134.1	154.7	177.8	190.7					
16			62.8	85.8	108.8	131.8	154.7	177.7	200.7	223.6	238.8				
17			70.0	95.6	121.3	147.0	172.6	198.3	223.9	249.6	275.3	300.9	326.6		
18			77.3	105.7	134.1	162.5	190.9	219.3	247.7	276.1	304.5	332.9	361.3		
19			84.8	116.0	147.2	178.4	209.7	240.9	272.1	303.3	334.6	365.8	397.0	428.2	
20				126.6	160.7	194.8	229.0	263.1	297.2	331.3	365.5	399.6	433.7	467.8	
21				137.5	174.6	211.8	248.9	286.0	323.1	360.2	397.3	434.5	471.6	508.7	
22				148.8	189.1	229.3	269.5	309.7	349.9	390.1	430.4	470.6	510.8	551.0	591.2
23				160.6	204.0	247.4	290.9	334.3	377.7	421.2	464.6	508.0	551.5	594.9	638.3
24				172.8	219.6	266.3	313.1	359.9	406.6	453.4	500.2	547.0	593.7	640.5	687.3
25					235.7	286.0	336.2	386.4	436.7	486.9	537.2	587.4	637.7	687.9	738.2
26					252.5	306.4	360.3	414.1	468.0	521.8	575.7	629.5	683.4	737.3	791.1
27					270.0	327.7	385.3	442.9	500.5	558.1	615.7	673.4	731.0	788.6	846.2
28					288.2	349.8	411.3	472.8	534.4	595.9	657.4	719.0	780.5	842.0	903.5
29					307.2	372.8	438.4	504.0	569.6	635.2	700.8	766.3	831.9	897.5	963.1
30						396.7	466.5	536.3	606.1	675.9	745.8	815.6	885.4	955.2	1025.0
31						421.5	495.7	569.9	644.1	718.3	792.5	866.7	940.9	1015.1	1089.3
32						447.2	525.9	604.7	683.4	762.2	840.9	919.7	998.4	1077.2	1155.9
33						473.8	557.3	640.7	724.2	807.7	891.1	974.6	1058.0	1141.5	1225.0
34						501.4	589.7	678.1	766.4	854.7	943.0	1031.4	1119.7	1208.0	1296.4
35							623.2	716.6	810.0	903.3	996.6	1090.1	1183.4	1276.8	1370.2
36							657.9	756.4	855.0	953.6	1052.1	1150.7	1249.3	1347.8	1446.4
37							693.6	797.5	901.4	1005.3	1109.3	1213.2	1317.1	1421.1	1525.0
38							730.3	839.8	949.2	1058.7	1168.2	1277.6	1387.1	1496.5	1606.0
39							768.2	883.3	998.5	1113.6	1228.8	1343.9	1459.0	1574.2	1689.3
40								928.1	1049.1	1170.1	1291.1	1412.1	1533.1	1654.1	1775.1
41								974.2	1101.2	1228.2	1355.2	1482.2	1609.2	1736.2	1863.2
42								1021.4	1154.6	1287.8	1420.9	1554.1	1687.3	1820.4	1953.6
43								1069.9	1209.4	1348.9	1488.4	1627.9	1767.4	1906.9	2046.4
44								1119.6	1265.6	1411.6	1557.6	1703.6	1849.6	1995.6	2141.5
45								1323.2	1475.8	1628.4	1781.1	1933.7	2086.4	2239.0	2391.8
46								1382.1	1541.5	1701.0	1860.4	2019.9	2179.3	2338.8	2498.3
47								1442.4	1608.8	1775.2	1941.5	2108.0	2274.5	2440.9	2607.4
48								1504.1	1677.6	1851.1	2024.7	2198.2	2371.7	2545.3	2718.8
49								1567.1	1747.9	1928.7	2109.5	2290.3	2471.2	2652.0	2832.8
50								1631.4	1819.7	2008.0	2196.2	2384.5	2572.7	2761.0	2949.3
BASIS TREES	0	0	12	31	20	16	12	9	2	1	0	0	0	0	0

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
CORKBARK FIR
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	.9	1.5	2.2	2.8	3.5	4.1	4.8									4
8	2.3	4.6	6.9	9.2	11.5	13.8	16.1	18.4								1
9	3.7	7.8	11.9	16.0	20.1	24.2	28.3	32.4	36.5							4
10		10.8	16.7	22.5	28.3	34.1	40.0	45.8	51.6							4
11		13.6	21.0	28.5	35.9	43.4	50.8	58.2	65.7	73.1						2
12		16.1	25.1	34.1	43.1	52.0	61.0	70.0	79.0	88.0						5
13		18.6	29.1	39.5	50.0	60.5	71.0	81.5	91.9	102.4						3
14		21.1	33.1	45.1	57.0	69.0	81.0	93.0	105.0	117.0	129.0					0
15			37.2	50.8	64.3	77.9	91.4	105.0	118.6	132.1	145.7	159.2				2
16			41.6	56.8	72.0	87.2	102.4	117.7	132.9	148.1	163.3	178.5				1
17			46.3	63.2	80.2	97.2	114.2	131.1	148.1	165.1	182.0	199.0				0
18			51.3	70.1	89.0	107.8	126.7	145.5	164.3	183.2	202.0	220.9				2
19			56.6	77.4	98.3	119.1	140.0	160.8	181.7	202.5	223.4	244.2				0
20					108.2	131.2	154.2	177.2	200.1	223.1	246.1	269.1	285.9			1
21					118.7	144.0	169.2	194.5	219.7	244.9	270.2	295.4	320.7	345.9	371.1	0
22					129.9	157.5	185.1	212.7	240.4	268.0	295.6	323.2	350.9	378.5	406.1	0
23					141.6	171.7	201.8	232.0	262.1	292.2	322.4	352.5	382.7	412.8	442.9	0
24					153.8	186.6	219.4	252.2	284.9	317.7	350.5	383.3	416.0	448.6	481.6	0
25					166.7	202.2	237.8	273.3	308.8	344.3	379.9	415.4	450.9	486.5	522.0	0
26					180.1	218.5	256.9	295.3	333.7	372.2	410.6	449.0	487.4	525.8	564.2	0
27					194.1	235.5	276.9	318.3	359.7	401.1	442.5	483.9	525.3	566.8	608.2	0
28					208.6	253.1	297.6	342.2	386.7	431.2	475.8	520.3	564.8	609.3	653.9	0
29					223.7	271.4	319.2	366.9	414.7	462.5	510.2	559.0	605.7	653.5	701.3	0
30						290.4	341.5	392.6	443.7	494.8	545.9	597.1	648.2	699.3	750.4	0
31						310.0	364.6	419.2	473.7	528.3	582.9	637.5	692.1	746.6	801.2	0
32						330.3	388.4	446.6	504.8	562.9	621.1	679.3	737.4	795.6	853.7	0
33						351.2	413.1	474.9	536.8	598.7	660.5	722.4	784.2	846.1	908.0	0
34						372.8	438.5	504.1	569.8	635.5	701.2	766.9	832.5	898.2	963.9	0
35							464.6	534.2	603.8	673.4	743.0	812.6	882.2	951.8	1021.5	0
36							491.5	565.2	638.8	712.5	786.1	859.8	933.4	1007.1	1080.7	0
37							519.2	597.0	674.0	752.7	830.5	908.3	986.1	1063.9	1141.7	0
38							547.7	629.8	711.9	793.9	876.0	958.1	1040.2	1122.3	1204.3	0
39							576.9	663.4	749.9	836.3	922.8	1009.3	1095.7	1182.2	1268.7	0
40								697.9	788.8	879.8	970.8	1061.8	1152.7	1243.7	1334.7	0
41								733.2	828.8	924.4	1020.0	1115.6	1211.2	1306.8	1402.4	0
42								769.5	869.8	970.1	1070.5	1170.8	1271.1	1371.4	1471.8	0
43								800.6	911.8	1017.0	1122.1	1227.3	1332.5	1437.7	1542.8	0
44								834.6	954.8	1064.9	1175.0	1285.2	1395.3	1505.5	1615.6	0
45									998.7	1114.0	1229.2	1344.4	1459.6	1574.8	1690.0	0
46									1043.7	1164.1	1284.5	1404.9	1525.3	1645.8	1766.2	0
47									1089.7	1215.4	1341.1	1466.9	1592.5	1718.3	1844.0	0
48									1136.6	1267.5	1398.9	1530.1	1661.2	1792.3	1923.5	0
49									1184.6	1321.3	1458.0	1594.6	1731.3	1868.0	2004.7	0
50									1233.5	1375.9	1518.2	1660.6	1802.9	1945.2	2087.6	0

BASIS
TREES

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DBH
ENGELMANN SPRUCE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.0	1.4	1.8	2.2	2.6	3.0									17
8	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.5								12
9	3.1	6.5	10.0	13.4	16.8	20.2	23.6	27.0	30.5							22
10		10.0	15.3	20.7	26.1	31.4	36.8	42.2	47.5							11
11		13.5	21.0	28.4	35.8	43.2	50.7	58.1	65.5	73.0						12
12		17.1	26.7	36.3	45.8	55.4	64.9	74.5	84.0	93.6						3
13		20.8	32.5	44.3	56.0	67.7	79.5	91.2	102.9	114.6	126.4					3
14		24.5	38.4	52.4	66.3	80.3	94.2	108.1	122.1	136.0	149.9	190.0				3
15			44.4	60.6	76.8	92.9	109.1	125.3	141.5	157.6	173.8	216.5				3
16			50.5	68.9	87.4	105.8	124.3	142.7	161.2	179.6	198.1	243.5	264.3			3
17			56.6	77.4	98.2	118.9	139.7	160.5	181.2	202.0	222.7	271.0	294.2			4
18			62.9	86.0	109.2	132.3	155.4	178.5	201.7	224.8	247.9	299.2	324.8	350.3		1
19			69.3	94.9	120.4	146.0	171.5	197.1	222.6	248.2	273.7	328.2	358.6	384.3		3
20				104.0	132.0	160.0	188.1	216.1	244.1	272.1	300.2	358.1	388.6	419.2	449.8	1
21				113.3	143.9	174.5	205.1	235.7	266.3	296.9	327.5	386.9	422.1	455.4	488.6	1
22				123.0	156.2	189.5	222.7	256.0	289.2	322.4	355.7	420.9	456.9	492.8	528.8	0
23				133.0	169.0	205.0	241.0	277.0	312.9	348.9	384.9	454.0	492.9	531.7	570.5	0
24				143.4	182.3	221.1	259.9	298.7	337.6	376.4	415.2	488.5	530.3	572.1	613.9	0
25					196.0	237.8	279.6	321.4	363.2	404.9	446.7	524.4	569.2	614.1	658.9	0
26					210.3	255.2	300.1	344.9	389.8	434.6	479.5	561.6	609.7	657.8	705.8	0
27					225.2	273.3	321.4	369.4	417.5	465.5	513.6	600.4	651.8	703.2	754.6	0
28					240.7	292.1	343.5	394.9	446.3	497.7	549.0	640.7	695.6	750.4	805.3	0
29					256.8	311.7	366.5	421.4	476.2	531.0	585.9	682.6	741.0	799.5	857.9	0
30						332.0	390.4	448.9	507.3	565.7	624.2	726.1	789.2	850.4	912.6	0
31						353.1	415.2	477.4	539.6	601.7	663.9	771.1	837.2	903.2	969.2	0
32						375.0	441.0	507.0	573.0	639.1	705.1	817.8	887.8	957.9	1027.9	0
33						397.6	467.6	537.7	607.7	677.7	747.8	866.1	940.3	1014.5	1088.7	0
34						421.1	495.2	569.4	643.6	717.8	791.9	916.1	994.5	1073.0	1151.4	0
35							523.8	602.2	680.7	759.1	837.6	967.6	1050.5	1133.4	1216.3	0
36							553.2	636.1	719.0	801.9	884.7	967.6	1050.5	1133.4	1216.3	0
37							583.6	671.0	758.5	845.9	933.4	1020.8	1108.3	1195.7	1283.2	0
38							614.9	707.0	799.2	891.3	983.5	1070.6	1167.8	1259.9	1352.1	0
39							647.1	744.1	841.1	938.1	1035.1	1132.1	1229.0	1326.0	1423.0	0
40								782.2	884.2	986.2	1088.1	1190.1	1292.1	1394.0	1496.0	0
41								821.4	928.5	1035.6	1142.7	1249.7	1356.8	1463.9	1571.0	0
42								861.6	974.0	1086.3	1198.7	1311.0	1423.3	1535.7	1648.0	0
43								902.9	1020.6	1138.4	1256.1	1373.8	1491.6	1609.3	1727.0	0
44								945.2	1068.5	1191.7	1315.0	1438.3	1561.5	1684.8	1808.0	0
45									1117.5	1246.4	1375.3	1504.3	1633.2	1762.1	1891.0	0
46									1167.7	1302.4	1437.1	1571.8	1706.6	1841.3	1976.0	0
47									1219.1	1359.7	1500.3	1641.0	1781.6	1922.3	2062.9	0
48									1271.6	1418.3	1565.0	1711.7	1858.4	2005.1	2151.9	0
49									1325.3	1478.2	1631.1	1784.0	1936.9	2089.8	2242.7	0
50									1380.1	1539.3	1698.6	1857.8	2017.1	2176.3	2335.6	0
BASIS TREES	0	0	12	31	20	16	12	9	2	1	0	0	0	0	0	0

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIA
CORKBARK FIR
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	84SIS TREES
7	1.5	.8	1.2	1.6	1.9	2.3	2.6									4
8	1.5	2.9	4.3	5.7	7.2	8.6	10.0	11.4								1
9	2.5	5.3	8.0	10.8	13.5	16.3	19.0	21.8	24.5							4
10		7.7	11.8	15.9	20.0	24.1	28.3	32.4	36.5							4
11		9.9	15.4	20.6	26.3	31.7	37.2	42.6	48.1							2
12		12.1	18.8	25.6	32.3	39.0	45.8	52.5	59.2	53.5						5
13		14.2	22.2	30.2	38.2	46.2	54.2	62.2	70.2	66.0						3
14		16.3	25.6	34.9	44.2	53.5	62.8	72.1	81.3	78.2	86.2					0
15			29.2	39.8	50.4	61.0	71.6	82.2	92.9	90.6	99.9	124.7				2
16			32.9	44.9	56.9	68.9	80.9	93.0	105.0	117.0	129.0	141.0				1
17			36.8	50.3	63.9	77.4	90.9	104.4	117.9	131.4	144.9	158.4				0
18			41.1	56.2	71.2	86.3	101.4	116.5	131.6	146.7	161.8	176.9	192.0			2
19			45.6	62.3	79.1	95.9	112.7	129.5	146.3	163.1	179.8	196.6	213.4	230.2		0
20				68.9	87.5	106.1	124.7	143.3	161.9	180.4	199.0	217.6	236.2	254.8		1
21				75.9	96.4	116.9	137.4	157.9	178.4	198.9	219.4	239.9	260.3	280.8	301.3	0
22				83.3	105.8	128.3	150.8	173.3	195.8	218.3	240.9	263.4	285.9	308.4	330.9	0
23				91.1	115.7	140.3	165.0	189.6	214.2	238.8	263.5	288.1	312.7	337.4	362.0	0
24				99.2	126.1	152.9	179.8	206.6	233.5	260.4	287.2	314.1	340.9	367.8	394.7	0
25					136.9	166.1	195.3	224.5	253.7	282.9	312.1	341.3	370.4	399.6	428.8	0
26					148.3	179.9	211.5	243.1	274.8	306.4	338.0	369.6	401.3	432.9	464.5	0
27					160.1	194.2	228.4	262.6	296.7	330.9	365.0	399.2	433.3	467.5	501.7	0
28					172.4	209.2	245.9	282.7	319.5	356.3	393.1	429.9	466.7	503.5	540.3	0
29					185.1	224.6	264.2	303.7	343.2	382.7	422.3	461.8	501.3	540.9	580.4	0
30						240.7	283.0	325.4	367.8	410.1	452.5	494.8	537.2	579.6	621.9	0
31						257.3	302.6	347.8	393.1	438.4	483.7	529.0	574.3	619.6	664.9	0
32						274.4	322.7	371.1	419.4	467.7	516.0	564.4	612.7	661.0	709.3	0
33						292.1	343.6	395.0	446.5	497.9	549.4	600.8	652.3	703.7	755.2	0
34						310.4	365.0	419.7	474.4	529.1	583.7	638.4	693.1	747.8	802.5	0
35							387.2	445.2	503.2	561.2	619.2	677.2	735.2	793.2	851.2	0
36							409.9	471.4	532.8	594.2	655.6	717.0	778.5	839.9	901.3	0
37							433.4	498.3	563.2	628.2	693.1	758.1	823.0	887.9	952.9	0
38							457.4	526.0	594.5	663.1	731.6	800.2	868.7	937.3	1005.9	0
39							482.1	554.4	626.7	698.9	771.2	843.5	915.7	988.0	1060.3	0
40								583.6	659.7	735.7	811.8	887.9	964.0	1040.0	1116.1	0
41								613.5	693.5	773.5	853.4	933.4	1013.4	1093.4	1173.4	0
42								644.2	728.1	812.1	896.1	980.1	1064.1	1148.1	1232.1	0
43								675.6	763.7	851.7	939.8	1027.9	1115.0	1204.1	1292.2	0
44								707.7	800.0	892.3	984.6	1076.9	1169.1	1261.4	1353.7	0
45									837.2	933.8	1030.4	1126.9	1223.5	1320.1	1416.7	0
46									875.2	976.2	1077.2	1178.1	1279.1	1380.1	1481.1	0
47									914.1	1019.6	1125.0	1230.5	1336.0	1441.4	1546.9	0
48									953.8	1063.9	1173.9	1284.0	1394.0	1504.1	1614.1	0
49									994.4	1109.1	1223.9	1338.6	1453.3	1568.1	1682.8	0
50									1035.8	1155.3	1274.8	1394.4	1513.9	1633.4	1752.9	0
84SIS TREES	0	0	5	5	9	7	5	0	0	0	0	0	0	0	0	0

TOTAL STEM GROSS CUBIC FOOT VOLUME--UNFORKED TREFS

YELLOW PINE

SANTA FE-CARSON-LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
1	.3																0
2	.3	.4															0
3	.4	.6	.8														0
4	.6	.9	1.3														0
5	.8	1.3	1.9	1.7													0
6	1.0	1.8	2.6	2.4	3.0	5.0											0
7	1.3	2.4	3.5	4.6	5.7	6.7	7.8										0
8	1.7	3.1	4.5	5.9	7.3	8.7	10.1										0
9	2.0	3.8	5.6	7.4	9.2	11.0	12.8	11.6		16.4							0
10		4.7	6.9	9.1	11.3	13.5	15.7	17.9		20.1							0
11		5.6	8.3	10.9	13.6	16.3	19.0	21.6		24.3	27.0						0
12		6.6	9.8	13.0	16.2	19.3	22.5	25.7		28.9	32.1						0
13		7.7	11.4	15.2	18.9	22.7	26.4	30.1		33.9	37.6	41.3					0
14		8.9	13.2	17.6	21.9	26.2	30.6	34.9		39.2	43.6	47.9					0
15			15.2	20.1	25.1	30.1	35.1	40.0		45.0	50.0	55.0	59.9				0
16			17.2	22.9	28.5	34.2	39.9	45.5		51.2	56.8	62.5	68.2				0
17			19.4	25.8	32.2	38.6	45.0	51.4		57.8	64.1	70.5	76.9	83.3			0
18			21.7	28.9	36.1	43.2	50.4	57.6		64.7	71.9	79.0	86.2	93.4			0
19			24.2	32.2	40.1	48.1	56.1	64.1		72.1	80.1	88.0	96.0	104.0	112.0		0
20				35.6	44.5	53.3	62.2	71.0		79.8	88.7	97.5	106.4	115.2	124.1	146.5	0
21				39.2	49.0	58.7	68.5	78.2		88.0	97.8	107.5	117.3	127.0	136.8	160.8	0
22				43.0	53.7	64.5	75.2	85.9		96.6	107.3	118.0	128.7	139.4	150.1	175.7	0
23				47.0	58.7	70.4	82.1	93.8		105.5	117.2	128.9	140.6	152.3	168.0		0
24				51.2	63.9	76.7	89.4	102.1		114.9	127.6	140.3	153.1	165.8	178.6	191.3	0
25				69.3	83.2	97.0	104.9	110.8		124.6	138.4	152.3	166.1	179.9	193.7	207.5	0
26				75.0	89.9	104.9	113.1	119.8		134.8	149.7	164.7	179.6	194.6	209.5	224.5	0
27				80.8	97.0	113.1	121.6	129.2		145.3	161.4	177.6	193.7	209.8	225.9	242.0	0
28				86.9	104.3	121.6	130.4	138.9		156.3	173.6	190.9	208.3	225.6	242.9	260.3	0
29				93.2	111.8	130.4	149.0	167.6		186.2	204.8	223.4	242.0	260.6	279.2	298.8	0
30					119.6	139.5	159.4	179.3		199.2	219.1	239.0	259.0	278.9	298.9	319.0	0
31					127.7	149.0	170.2	191.5		212.7	234.0	255.2	272.0	294.6	317.2	339.9	0
32					136.1	158.7	181.4	204.0		226.7	249.3	272.0	294.6	317.2	339.9	361.4	0
33					144.7	168.8	192.9	217.0		241.0	265.1	289.2	313.3	337.4	361.4		0
34					153.6	179.2	204.7	230.3		255.9	281.4	307.0	332.5	358.1	383.7		0
35						189.9	216.9	244.0		271.1	298.2	325.3	352.4	379.5	406.6		0
36						200.8	229.5	258.2		286.8	315.5	344.1	372.8	401.4	430.1		0
37						212.1	242.4	272.7		303.0	333.2	363.5	393.8	424.0	454.3		0
38						223.7	255.7	287.6		319.5	351.5	383.4	415.3	447.3	479.2		0
39						235.7	269.3	302.9		336.6	370.2	403.8	437.5	471.1	504.7		0
40							283.3	318.7		354.0	389.4	424.8	460.2	495.6	530.9		0
41							297.6	334.8		371.9	409.1	446.3	483.5	520.6	557.8		0
42							312.3	351.3		390.3	429.3	468.3	507.3	546.3	585.3		0
43							327.3	368.2		409.1	450.0	490.9	531.8	572.6	613.5		0
44							342.7	385.5		428.3	471.1	513.9	556.8	599.6	642.4		0
45								403.2		448.0	492.8	537.6	582.3	627.1	671.9		0
46								421.3		468.1	514.9	561.7	608.5	655.3	702.1		0
47								439.9		488.7	537.5	586.4	635.2	684.1	732.9		0
48								458.8		509.7	560.7	611.6	662.5	713.5	764.4		0
49								478.1		531.2	584.2	637.3	690.4	743.5	796.6		0
50								497.8		553.0	608.3	663.6	718.9	774.2	829.4		0

BASIS
TREES

TOTAL STEM NET CUBIC FOOT VOLUME

YELLOW PINE

SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES				
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
1	.2														
2	.3	.4													
3	.4	.6													
4	.5	.8													
5	.7	1.2	1.7	2.2	2.7	4.5	7.1	10.5	14.8	24.6	38.0	55.5	77.8	105.6	139.8
6	.9	1.6	2.4	3.1	3.8	6.1	9.2	13.2	18.3	29.3	44.1	63.2	87.4	117.4	153.9
7	1.2	2.2	3.1	4.1	5.1	7.9	11.6	16.3	22.1	34.4	50.7	71.5	97.6	129.8	168.8
8	1.5	2.7	4.0	5.3	6.6	9.9	14.2	19.6	26.3	40.0	57.7	80.3	108.5	142.9	184.4
9	1.8	3.4	5.0	6.7	8.3	12.2	17.2	23.4	30.9	45.9	65.3	89.7	119.9	156.6	200.8
10		4.2	6.2	8.2	10.2	14.7	20.4	27.4	35.9	52.3	73.3	99.6	132.0	171.1	218.0
11		5.0	7.4	9.8	12.3	17.5	23.9	31.8	41.2	59.1	81.9	110.1	144.6	186.5	236.0
12		5.9	8.8	11.7	14.6	20.4	27.8	36.5	46.9	66.4	90.9	121.2	157.9	202.1	254.7
13		6.9	10.3	13.7	17.1	23.5	31.9	41.6	53.0	74.1	100.4	132.8	171.0	218.7	274.3
14		8.0	11.9	15.8	19.8	27.3	36.7	47.0	59.5	82.3	110.5	144.9	186.5	236.0	294.6
15			13.6	18.1	22.7	31.0	40.4	50.8	63.4	86.4	114.5	148.9	191.4	242.4	307.7
16			15.4	20.6	25.8	34.0	43.4	54.8	67.4	90.4	118.5	152.9	195.2	245.1	312.7
17			17.4	23.2	29.1	37.0	46.4	58.8	71.4	94.4	122.5	157.9	201.7	254.1	323.7
18			19.5	26.0	32.6	40.5	49.9	62.3	74.9	97.9	126.0	161.4	205.4	258.7	330.7
19			21.7	29.0	36.3	43.7	51.2	58.8	66.4	82.3	109.4	138.9	177.9	224.2	283.7
20				32.1	40.2	48.5	56.8	65.2	73.7	89.4	109.4	138.9	177.9	224.2	283.7
21				35.4	44.4	53.5	62.7	72.0	81.4	96.8	119.4	148.9	188.9	236.0	294.6
22				38.8	48.7	58.7	68.9	79.1	89.4	106.8	129.8	157.9	195.2	245.1	312.7
23				42.4	53.3	64.2	75.3	86.6	97.9	114.5	140.7	168.5	201.7	254.1	323.7
24				46.2	58.0	70.0	82.1	94.4	106.8	126.0	152.0	179.4	214.5	268.7	337.8
25					63.0	76.0	89.2	102.6	116.1	138.9	168.7	195.2	234.2	283.7	355.5
26					68.2	82.3	96.6	111.1	125.8	150.8	179.4	206.6	245.1	292.4	360.7
27					73.5	88.8	104.3	120.0	135.9	162.5	191.4	218.0	258.7	307.2	383.7
28					79.1	95.6	112.3	129.2	146.4	174.9	204.2	231.6	270.2	312.7	390.7
29					84.9	102.7	120.6	138.9	157.4	186.1	215.2	244.5	283.7	327.2	406.6
30					110.0	110.0	129.3	148.9	168.7	198.9	229.4	260.6	291.4	337.8	424.0
31					117.6	117.6	138.2	159.2	180.5	202.2	224.2	246.6	270.2	307.2	383.7
32					125.4	125.4	147.5	169.9	192.8	216.0	239.6	263.5	287.9	327.2	406.6
33					133.5	133.5	157.1	181.1	205.4	230.2	255.4	281.1	307.2	333.7	414.3
34					141.9	141.9	167.0	192.5	218.5	245.0	271.9	299.3	327.2	355.5	430.1
35							177.2	204.4	232.1	260.2	288.9	318.1	347.9	378.2	462.4
36							187.8	216.7	246.1	276.0	306.5	337.6	369.3	401.4	495.6
37							198.7	229.3	260.5	292.3	324.7	357.8	391.5	424.0	520.6
38							209.9	242.3	275.4	309.1	343.5	378.6	414.3	447.3	557.8
39							221.5	255.7	290.7	326.4	362.8	400.0	437.5	471.1	585.3
40								269.5	306.5	344.3	382.8	422.2	460.2	495.6	613.5
41								283.7	322.8	362.6	403.4	445.0	483.5	520.6	642.4
42								339.5	381.5	424.5	468.3	513.9	556.8	599.6	702.1
43								313.4	356.7	401.0	446.3	490.9	531.8	572.6	684.1
44								328.8	374.3	421.0	468.7	513.9	556.8	599.6	713.5
45									392.5	441.5	491.7	537.6	582.3	627.1	743.5
46									411.1	462.6	514.9	561.7	608.5	655.3	774.2
47									430.2	484.3	537.5	586.4	635.2	684.1	829.4
48									449.8	506.5	560.7	611.6	662.5	713.5	862.4
49									469.9	529.3	584.2	637.3	690.4	743.5	894.6
50									490.5	552.6	608.3	663.6	718.9	774.2	929.4
BASIS TREES	0	0	2	2	8	11	9	10	5	4	2	0	0	0	0

TOTAL STEM NET CURVIC FOOT VOLUME

YELLOW PINE

LINCOLN-COCONINO-TONTO N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS FO	90	100	110	120	130	140	150	RASIS TREES
1	2															0
2	3	4														0
3	4	6														0
4	5	9	8													0
5	7	1.2	1.7	1.5	2.8	4.6	7.2	10.7	15.2							0
6	9	1.7	2.4	3.2	3.9	8.1	9.4	13.5	18.8							0
7	1.2	2.2	3.2	4.2	5.2	6.2	11.8	16.7	22.7							0
8	1.5	2.8	4.1	5.4	6.8	10.2	14.6	20.1	27.0							0
9	1.9	4.3	6.3	8.4	10.4	12.5	17.6	24.6	31.7	25.2						0
10		5.1	7.6	10.1	12.6	15.1	21.0	28.1	35.2							0
11		6.1	9.0	12.0	15.0	18.0	24.0	32.6	40.9							1
12		7.1	10.6	14.0	17.5	21.1	28.5	37.5	47.0							1
13		8.2	12.2	16.3	20.3	24.4	32.7	42.2	53.5							1
14			14.0	18.7	23.3	28.0	37.2	48.1	60.5							4
15			15.9	21.2	26.5	31.9	42.1	54.3	67.9							2
16			17.9	23.9	29.9	36.0	47.2	61.0	75.8							1
17			20.1	26.8	33.6	40.3	52.6	66.8	84.1							6
18			22.4	33.1	41.4	49.8	58.3	73.8	92.8							9
19				36.5	45.7	55.0	64.3	83.3	102.4							7
20				40.0	50.2	60.4	70.7	81.0	91.5							17
21				43.7	54.8	66.0	77.3	88.7	100.1							9
22				47.6	59.7	71.9	84.2	96.6	109.2							12
23					64.9	78.1	91.5	105.0	118.6							8
24					70.2	84.6	99.1	113.7	128.5							14
25					75.7	91.3	106.9	122.7	138.7							10
26					81.5	98.2	115.1	132.2	149.4							13
27					87.5	105.4	123.6	141.9	160.5							9
28						112.9	132.4	152.1	172.0							8
29						120.7	141.5	162.6	183.9							12
30						128.7	151.0	173.5	196.2							10
31						137.0	160.7	184.7	209.0							13
32						145.5	170.8	196.3	222.2							9
33							181.2	208.3	235.8							8
34							191.9	220.7	249.9							2
35							202.9	233.4	264.3							2
36							214.3	246.6	279.3							0
37							226.0	260.1	294.6							0
38								273.9	310.4							0
39								288.2	326.6							0
40								302.8	343.3							0
41								317.9	360.4							0
42								333.3	378.0							0
43									414.4							0
44									433.3							0
45									452.7							0
46									472.6							0
47									492.8							0
48																0
49																0
50																0

RASIS
TREES

GROSS CUBIC FOOT VOLUME TO TOP DBH OF 4 INCHES-UNFORKED TREES
 YELLOW PINE
 SANTA FE-CARSON-LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS PO	90	100	110	120	130	140	150	BASIS TREES
5	.5	1.0	1.4	1.9	2.4											0
6	.7	1.5	2.2	2.9	3.6	4.3										0
7	1.0	2.0	3.0	4.0	5.0	6.0	7.1									0
8	1.2	2.6	4.0	5.3	6.7	8.0	9.4	10.7								1
9	1.5	3.3	5.0	6.7	8.5	10.2	12.0	13.7	15.4							3
10		4.0	6.2	8.4	10.5	12.7	14.8	17.0	19.2							1
11		4.9	7.5	10.1	12.8	15.4	18.0	20.6	23.3	25.9						4
12		5.8	8.9	12.1	15.2	18.3	21.5	24.6	27.8	30.9						1
13		6.8	10.5	14.2	17.9	21.6	25.3	28.9	32.6	36.3	40.0					3
14		7.8	12.1	16.4	20.7	25.0	29.3	33.6	37.9	42.2	46.5					4
15			13.9	18.8	23.8	28.7	33.7	38.6	43.6	48.5	53.4	58.4				3
16			15.8	21.4	27.1	32.7	38.3	44.0	49.6	55.2	60.8	66.5	81.4			7
17			17.8	24.2	30.6	36.9	43.3	49.6	56.0	62.4	68.7	75.1	81.4	109.8		16
18			20.0	27.1	34.3	41.4	48.5	55.7	62.8	69.9	77.1	84.2	91.4	121.7	143.9	10
19			22.3	30.2	38.2	46.1	54.1	62.0	70.0	78.0	85.9	93.9	101.8	134.2	158.0	14
20				33.5	42.3	51.1	59.9	68.8	77.6	86.4	95.2	104.0	112.9	147.3	172.7	15
21				36.9	46.6	56.4	66.1	75.8	85.5	95.3	105.0	114.7	124.4	161.0	188.0	17
22				40.5	51.2	61.8	72.5	83.2	93.9	104.6	115.2	125.9	136.6	175.3	204.1	14
23				44.2	55.9	67.6	79.3	90.9	102.6	114.3	126.0	137.7	149.3	190.8	220.7	14
24				48.2	60.9	73.6	86.3	99.0	111.7	124.5	137.2	149.9	162.6	205.8	238.1	14
25					66.1	79.9	93.7	107.5	121.3	135.1	148.9	162.7	176.5	221.9	256.0	8
26					71.4	86.4	101.3	116.2	131.2	146.1	161.0	175.9	190.9	237.5	274.7	9
27					77.0	93.1	109.2	125.3	141.4	157.5	173.6	189.7	205.8	256.1	293.9	6
28					82.8	100.2	117.5	134.8	152.1	169.4	186.8	204.1	221.4	274.0	313.9	2
29					88.9	107.4	126.0	144.6	163.2	181.8	200.3	218.9	237.5	292.6	334.5	2
30						115.0	134.9	154.7	174.6	194.5	214.4	234.3	254.2	311.8	355.7	1
31						122.8	144.0	165.2	186.5	207.7	228.9	250.2	271.4	331.6	377.6	2
32						130.8	153.4	176.1	198.7	221.3	243.9	266.6	289.2	352.0	400.1	0
33						139.1	163.2	187.2	211.3	235.4	259.4	283.5	307.6	373.1	423.3	0
34						147.7	173.2	198.8	224.3	249.8	275.4	300.9	326.5	394.7	447.2	0
35							183.5	210.6	237.7	264.8	291.8	318.9	346.0	429.6	496.8	0
36							194.2	222.8	251.5	280.1	308.7	337.4	366.0	451.9	519.1	0
37							205.1	235.4	265.6	295.9	326.1	356.4	386.7	474.8	549.1	0
38							216.3	248.3	280.2	312.1	344.0	375.9	407.8	498.2	576.2	0
39							227.9	261.5	295.1	328.7	362.3	396.0	429.6	522.6	604.0	0
40								275.1	310.4	345.8	381.2	416.5	451.9	543.1	632.4	0
41								289.0	326.1	363.3	400.5	437.6	474.8	561.7	651.5	0
42								303.3	342.2	381.2	420.2	459.2	498.2	589.6	681.2	0
43								317.9	358.7	399.6	440.5	481.4	522.2	612.7	701.7	0
44								332.8	375.6	418.4	461.2	504.0	546.8	637.2	721.6	0
45								392.9	437.6	482.4	527.2	571.9	616.7	707.2	792.6	0
46								410.5	457.3	504.1	550.9	597.6	644.4	735.1	821.6	0
47								428.6	477.4	526.2	575.1	623.9	672.7	763.2	849.3	0
48								447.0	497.9	548.9	599.8	650.7	701.7	792.2	878.3	0
49								465.8	518.9	572.0	625.1	678.1	731.2	821.7	907.8	0
50								485.0	540.3	595.6	650.8	706.1	761.4	851.9	938.0	0
BASIS TREES	0	0	5	8	16	36	43	38	28	15	9	2	1	0	0	0

NET CUBIC FOOT VOLUME TO TOP D10 OF 4 INCHES

YELLOW PINE

SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	120	130	140	150	BASIS TPEES
5	.5	.9	1.3	1.7	2.1													0
6	.7	1.3	1.9	2.6	3.2	3.9												0
7	.9	1.8	2.7	3.6	4.5	5.4												0
8	1.1	2.3	3.5	4.8	6.0	7.2	6.4											0
9	1.4	2.9	4.5	6.1	7.5	9.2	8.4											0
10		3.6	5.5	7.5	9.5	11.4	10.8	12.4	9.7	14.0								0
11		4.3	6.7	9.1	11.5	13.9	13.4	15.4		17.4								0
12		5.2	8.0	10.8	13.7	16.5	16.3	18.7	25.3	29.7	23.6							0
13		6.0	9.4	12.7	16.1	19.5	22.9	26.3	32.2	38.2	33.2	36.7						0
14		7.0	10.8	14.7	18.7	22.6	26.6	30.6	34.6	40.5	38.6	42.7						0
15			12.4	16.9	21.4	26.0	30.6	35.2	39.8	44.5	44.5	49.2						0
16			14.1	19.2	24.4	29.6	34.8	40.1	45.4	50.8	50.8	56.1						0
17			16.0	21.7	27.6	33.4	39.4	45.3	51.4	57.7	54.5	61.6						0
18			17.9	24.4	30.9	37.5	44.2	50.9	57.7	64.4	61.6	69.7						0
19			19.9	27.2	34.5	41.8	49.3	56.8	64.4	72.1	78.4	85.4						0
20				30.1	38.2	46.4	54.7	63.1	71.5	80.0	87.6	95.5						0
21				33.2	42.2	51.2	60.4	69.5	78.0	88.5	97.4	106.2						0
22				36.4	46.3	56.3	66.4	76.6	86.9	97.3	107.8	117.4						0
23				39.8	50.6	61.6	72.6	83.8	95.1	106.6	118.2	129.3						0
24				43.4	55.2	67.1	79.2	91.4	103.8	116.3	129.0	141.8						0
25					59.9	72.9	86.0	99.4	112.9	126.5	140.4	154.9						0
26					64.8	78.9	93.2	107.7	122.3	137.2	152.2	168.6						0
27					70.0	85.2	100.6	116.3	132.2	148.3	164.6	181.2						0
28					75.3	91.7	108.4	125.3	142.4	159.9	177.5	195.4						0
29					80.9	98.5	116.4	134.6	153.1	171.9	190.9	210.3						0
30						105.5	124.8	144.4	164.2	184.4	204.9	225.7						0
31						112.8	133.5	154.4	175.7	197.4	219.4	241.8						0
32						120.4	142.4	164.9	187.7	210.9	234.5	258.5						0
33						128.2	151.7	175.7	200.0	224.8	250.1	275.7						0
34						136.2	161.3	186.8	212.8	239.3	266.2	293.7						0
35							171.2	198.4	226.0	254.2	282.9	312.2						0
36							181.4	210.3	239.7	269.7	300.2	331.4						0
37							192.0	222.6	253.8	285.6	318.1	351.2						0
38							202.8	235.2	268.3	302.1	336.5	371.7						0
39							214.0	248.3	283.3	319.0	355.5	392.8						0
40								261.7	298.7	336.5	375.1	414.6						0
41								275.6	314.6	354.5	395.3	437.0						0
42								289.8	330.9	373.0	416.1	459.2						0
43								304.4	347.7	392.1	437.5	481.4						0
44								319.4	365.0	411.7	459.5	504.0						0
45								382.7	431.8	482.2	527.2	571.9						0
46								400.9	452.5	504.1	550.9	597.6						0
47								419.6	473.8	526.2	575.1	623.9						0
48								438.7	495.5	548.0	599.8	650.7						0
49								458.4	517.9	572.0	625.1	678.1						0
50								478.5	540.3	595.6	650.8	706.1						0

BASIS
TPEES

NET CUBIC FOOT VOLUME TO TOP OF 4 INCHES
YELLOW PINE
LINCOLN-COCONINO-TONTON N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	RASTS TREES
5	.5	.9	1.3	1.7	2.2												0
6	.7	1.3	2.0	2.7	3.3	4.0											0
7	.9	1.8	2.8	3.7	4.6	5.6	6.5										0
8	1.1	2.4	3.6	4.9	6.1	7.4	8.7	9.9									1
9	1.4	3.0	4.6	6.2	7.8	9.4	11.1	12.7	14.3								1
10		3.7	5.7	7.7	9.7	11.7	13.8	15.8	17.8								1
11		4.5	6.9	9.3	11.8	14.2	16.7	19.2	21.7	24.2							1
12		5.3	8.2	11.1	14.1	17.0	20.0	22.9	25.9	28.9							1
13		6.2	9.6	13.1	16.5	20.0	23.5	27.0	30.5	34.0							4
14		7.2	11.2	15.2	19.2	23.2	27.3	31.4	35.5	39.6							2
15			12.8	17.4	22.1	26.7	31.4	36.1	40.8	45.6							1
16			14.6	19.8	25.1	30.4	35.8	41.1	46.5	52.0							6
17			16.5	22.4	28.4	34.4	40.4	46.5	52.6	58.8							9
18			18.5	25.1	31.8	38.6	45.4	52.2	59.1	66.0							7
19			20.6	28.0	35.5	43.0	50.6	58.3	66.0	73.7							17
20				31.0	39.4	47.7	56.2	64.7	73.2	81.8							9
21				34.2	43.4	52.7	62.0	71.4	80.9	90.4							12
22				37.6	47.7	57.9	68.1	78.5	88.9	99.4							12
23				41.1	52.2	63.3	74.6	85.9	97.3	108.8							12
24				44.8	56.8	69.0	81.3	93.6	106.1	118.7							14
25					61.7	74.9	88.3	101.7	115.3	129.0							12
26					66.8	81.1	95.6	110.2	124.9	139.8							10
27					72.1	87.6	103.2	119.0	135.0	151.1							13
28					77.6	94.3	111.1	128.2	145.4	162.7							9
29					83.3	101.2	119.3	137.7	156.2	174.9							9
30						108.4	127.9	147.5	167.4	187.5							8
31						115.9	136.7	157.7	179.0	200.6							8
32						123.6	145.8	168.3	191.1	214.1							2
33						131.6	155.3	179.3	203.5	228.1							2
34						139.8	165.0	190.5	216.4	242.6							2
35							175.1	202.2	229.7	257.5							0
36							185.5	214.2	243.4	272.9							0
37							196.1	226.6	257.5	288.9							0
38							207.1	239.4	272.1	305.2							0
39							218.4	252.5	287.1	322.1							0
40								266.0	302.5	339.5							0
41								279.9	318.3	357.3							0
42								294.1	334.6	375.7							0
43								308.7	351.3	394.5							0
44								323.7	368.4	413.9							0
45									386.0	433.7							0
46									404.0	454.1							0
47									422.5	474.9							0
48									441.4	496.3							0
49									460.8	518.2							0
50									480.6	540.3							0

BASES
TREES

GROSS CUBIC FOOT VOLUME TO TOP DIA OF 6 INCHES-UNFORKED TREES
 YELLOW PINE
 SANTA FE-CARSON-LINCOLN-COCONINO-TONIC N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.8	1.7	2.5	3.3	4.2	5.0	5.9										0
8	1.1	2.3	3.5	4.7	5.9	7.1	8.3		9.5								1
9	1.4	3.0	4.6	6.2	7.8	9.4	11.0		12.6	14.2							0
10		3.8	5.8	7.9	9.9	12.0	14.0		16.0	18.1							3
11		4.6	7.2	9.7	12.2	14.7	17.3		19.8	22.3	24.8						1
12		5.6	8.6	11.7	14.7	17.7	20.8		23.8	26.9	29.9						1
13		6.6	10.2	13.8	17.4	21.0	24.6		28.2	31.8	35.4						4
14		7.7	11.9	16.1	20.3	24.5	28.7		32.9	37.1	41.4	45.6					3
15			13.7	18.5	23.4	28.3	33.1		38.0	42.8	47.7	52.6	57.4				3
16			15.6	21.1	26.7	32.3	37.8		43.4	48.9	54.5	60.0	65.6				7
17			17.6	23.9	30.2	36.5	42.8		49.1	55.4	61.7	68.0	74.2	80.5			11
18			19.8	26.9	33.9	41.0	48.1		55.1	62.2	69.3	76.3	83.4	90.5			7
19			22.1	30.0	37.9	45.8	53.6		61.5	69.4	77.3	85.2	93.1	101.0			16
20				33.2	42.0	50.8	59.5		68.3	77.0	85.8	94.6	103.3	112.1	120.8	143.0	10
21				36.7	46.3	56.0	65.7		75.4	85.0	94.7	104.4	114.0	123.7	133.4	157.1	14
22				40.3	50.9	61.5	72.1		82.8	93.4	104.0	114.6	125.3	135.9	146.5	171.9	9
23				44.0	55.7	67.3	78.9		90.5	102.2	113.8	125.4	137.0	148.6	160.3	187.3	17
24				48.0	60.6	73.3	86.0		98.6	111.3	124.0	136.6	149.3	162.0	174.6	203.3	15
25					65.8	79.6	93.3		107.1	120.8	134.6	148.3	162.1	175.8	189.6	220.0	14
26					71.2	86.1	101.0		115.9	130.7	145.6	160.5	175.4	190.3	205.2	237.4	8
27					76.8	92.9	108.9		125.0	141.0	157.1	173.2	189.2	205.3	221.3	255.4	9
28					82.6	99.9	117.2		134.5	151.7	169.0	186.3	203.6	220.8	238.1	274.0	6
29					88.7	107.2	125.7		144.3	162.8	181.3	199.9	218.4	237.0	255.5	293.3	2
30						114.7	134.6		154.4	174.3	194.1	214.0	233.8	253.6	273.5	311.3	1
31						122.5	143.7		164.9	186.1	207.3	228.5	249.7	270.9	292.1	333.9	2
32						130.6	153.2		175.8	198.4	220.9	243.5	266.1	288.7	311.3	355.1	0
33						138.9	162.9		186.9	211.0	235.0	259.0	283.1	307.1	331.1	377.1	0
34						147.4	173.0		198.5	224.0	249.5	275.0	300.5	326.0	351.5	399.6	0
35							183.3		210.3	237.4	264.4	291.5	318.5	345.5	372.6	422.8	0
36							193.9		222.5	251.2	279.8	308.4	337.0	365.6	394.2	446.7	0
37							204.9		235.1	265.3	295.6	325.8	356.0	386.2	416.5	466.7	0
38							216.1		248.0	279.9	311.8	343.7	375.5	407.4	439.3	496.4	0
39							227.7		261.2	294.8	328.4	362.0	395.5	428.2	462.8	511.5	0
40									274.8	310.2	345.5	380.8	416.2	451.5	486.8	548.7	0
41									288.8	325.9	363.0	400.1	437.3	474.4	511.5	575.8	0
42									303.0	342.0	381.0	419.9	458.9	497.9	536.8	603.6	0
43									317.6	358.5	399.3	440.2	481.0	521.9	562.7	632.0	0
44									332.6	375.4	418.1	460.9	503.7	546.5	589.2	661.1	0
45										392.6	437.4	482.1	526.9	571.6	616.3	690.8	0
46										410.3	457.0	503.8	550.6	597.3	644.1	721.2	0
47										428.3	477.2	526.0	574.8	623.6	672.4	752.2	0
48										446.8	497.7	548.6	599.5	650.4	701.3	783.9	0
49										465.6	518.6	571.6	624.5	677.8	730.9	816.3	0
50										484.8	540.0	595.3	650.5	705.8	761.0		0
BASIS TREES	0	0	5	8	16	36	43	15	28	9	2	1	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIA OF 6 INCHES
YELLOW PINE
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TPEES
7	.7	1.5	2.2	3.0	3.7	4.5	5.3									0
8	1.0	2.1	3.1	4.2	5.3	6.4	7.5	8.6								0
9	1.3	2.7	4.1	5.6	7.0	8.5	9.9	11.4	12.9							0
10		3.4	5.2	7.1	8.9	10.8	12.6	14.5	16.4							2
11		4.1	6.4	8.7	11.0	13.3	15.6	17.9	20.2	22.6						0
12		5.0	7.7	10.4	13.2	16.0	18.8	21.6	24.4	27.3						0
13		5.9	9.1	12.4	15.6	18.9	22.3	25.6	29.0	32.4						0
14		6.8	10.6	14.4	18.3	22.1	26.0	29.9	33.9	37.8						0
15			12.2	16.6	21.1	25.5	30.0	34.6	39.1	43.7						2
16			13.9	19.0	24.0	29.2	34.3	39.5	44.8	50.0						2
17			15.7	21.5	27.2	33.0	38.9	44.8	50.7	56.8						2
18			17.7	24.1	30.6	37.1	43.7	50.4	57.1	63.9						4
19			19.7	26.9	34.2	41.5	48.9	56.3	63.9	71.5						1
20				29.8	37.9	46.1	54.3	62.6	71.0	79.5						1
21				32.9	41.9	50.9	60.0	69.2	78.5	87.9						6
22				36.2	46.0	55.9	66.0	76.1	86.4	96.8						4
23				39.6	50.4	61.2	72.2	83.4	94.7	106.1						4
24				43.2	54.9	66.8	78.8	91.0	103.4	115.8						5
25					59.6	72.6	85.7	99.0	112.4	126.1						3
26					64.6	78.6	92.9	107.3	121.9	136.7						4
27					69.7	84.9	100.3	115.9	131.8	147.9						5
28					75.1	91.4	108.1	124.9	142.1	159.5						3
29					80.6	98.2	116.1	134.3	152.8	171.5						1
30						105.3	124.5	144.0	163.9	184.1						1
31						112.6	133.2	154.1	175.4	197.1						0
32						120.1	142.2	164.6	187.4	210.6						0
33						127.9	151.4	175.4	199.7	224.5						0
34						136.0	161.1	186.6	212.5	239.0						0
35							171.0	198.1	225.8	254.0						0
36							181.2	210.0	239.5	269.4						0
37							191.8	222.4	252.6	285.4						0
38							202.6	235.0	268.1	301.9						0
39							213.8	248.1	283.1	318.9						0
40								261.6	298.6	336.4						0
41								275.4	314.5	354.5						0
42								289.6	330.8	373.0						0
43								304.3	347.7	392.1						0
44								319.3	365.0	411.8						0
45									382.7	432.0						0
46									401.0	452.7						0
47									419.7	474.0						0
48									438.9	495.8						0
49									458.5	518.2						0
50									478.7	540.0						0
BASIS TPEES	0	0	2	2	8	11	9	10	5	4	2	0	0	0	0	0

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
YELLOW PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS FO	90	100	110	120	130	140	150	BASIS TREES
7	.7	1.5	2.3	3.1	3.8	4.6	5.4									0
8	1.0	2.1	3.2	4.3	5.4	6.6	7.7	8.8								1
9	1.3	2.8	4.2	5.7	7.2	8.7	10.2	11.7	13.2							0
10		3.5	5.4	7.3	9.2	11.1	13.0	14.9	16.8							1
11		4.3	6.6	8.9	11.3	13.6	16.0	18.4	20.8	23.1						1
12		5.1	7.9	10.8	13.6	16.4	19.3	22.2	25.1	27.9						1
13		6.0	9.4	12.7	16.1	19.5	22.9	26.3	29.7	33.2	36.6					4
14		7.0	10.9	14.8	18.8	22.7	26.7	30.7	34.7	38.8	42.8					2
15			12.6	17.1	21.7	26.2	30.8	35.5	40.1	44.8	49.5	54.2				1
16			14.4	19.5	24.8	30.0	35.3	40.5	45.9	51.2	56.6	62.0				6
17			16.3	22.1	28.0	34.0	39.9	46.0	52.0	58.1	64.2	70.4	76.6			9
18			18.3	24.9	31.5	38.2	44.9	51.7	58.5	65.4	72.3	79.2	86.2			7
19			20.4	27.8	35.2	42.7	50.2	57.8	65.4	73.1	80.8	88.5	96.5			17
20				30.8	39.1	47.4	55.8	64.2	72.7	81.3	89.9	98.6	107.3	116.1		9
21				34.0	43.1	52.3	61.6	70.9	80.4	89.8	99.4	109.0	118.7	128.5	138.3	12
22				37.4	47.4	57.5	67.7	78.0	88.4	98.9	109.4	120.0	130.7	141.5	152.4	12
23				40.9	51.9	63.0	74.2	85.5	96.8	108.3	119.9	131.6	143.3	155.2	167.2	8
24				44.6	56.6	68.7	80.9	93.2	105.7	118.2	130.9	143.5	156.5	169.5	182.6	14
25					61.5	74.6	87.9	101.4	114.9	128.6	142.4	156.3	170.3	184.5	198.8	12
26					66.6	80.8	95.3	109.8	124.5	139.4	154.4	169.5	184.8	200.2	215.8	10
27					71.8	87.3	102.9	118.6	134.6	150.6	166.9	183.3	199.8	216.5	233.4	13
28					77.3	94.0	110.8	127.8	145.0	162.3	179.9	197.5	215.5	233.6	251.8	9
29					83.1	101.0	119.0	137.3	155.8	174.5	193.4	212.5	231.8	251.3	271.0	9
30						108.2	127.6	147.2	167.1	187.1	207.4	227.9	248.7	269.7	290.9	8
31						115.6	136.4	157.4	178.7	200.2	222.0	244.0	266.3	288.8	311.6	3
32						123.4	145.6	168.0	190.8	213.8	237.1	260.6	284.5	308.6	333.1	2
33						131.3	155.0	179.0	203.2	227.8	252.7	277.8	303.3	329.1	355.1	2
34						139.6	164.8	190.3	216.1	242.3	268.8	295.5	322.8	350.4	377.1	2
35							174.8	201.9	229.4	257.3	285.5	314.0	343.0	372.4	399.6	0
36							185.2	214.0	243.1	272.7	302.7	332.6	363.8	394.2	422.8	0
37							195.9	226.4	257.3	288.6	320.4	352.6	385.3	416.5	446.7	0
38							206.9	239.2	271.9	305.0	338.7	372.9	407.4	439.3	471.2	0
39							218.2	252.3	286.9	321.9	357.5	393.7	429.2	462.8	496.4	0
40								265.8	302.3	339.3	376.9	415.1	451.5	485.8	522.2	0
41								279.7	318.1	357.2	395.9	437.2	474.4	511.5	548.7	0
42								293.9	334.4	375.6	417.4	458.9	497.9	536.8	575.8	0
43								308.6	351.2	394.5	438.5	481.0	521.9	562.7	603.6	0
44								323.6	368.3	413.8	460.1	503.7	546.5	589.2	632.0	0
45									385.9	433.7	482.1	526.9	571.6	616.3	661.1	0
46									404.0	454.1	503.8	550.6	597.3	644.1	690.8	0
47									422.5	475.0	526.0	574.8	623.6	672.4	721.2	0
48									441.4	496.4	548.6	599.5	650.4	701.3	752.2	0
49									460.8	518.4	571.7	624.8	677.8	730.9	783.9	0
50									480.7	540.0	595.3	650.5	705.8	761.0	816.3	0

BASIS
TREES

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIA-UNFORKED TREES
YELLOW PINE
SANTA FE-CARSON-LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES				
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
7	1.0	2.1	3.2	4.3	5.3	6.4	7.5								0
8	2.8	5.8	8.8	11.8	14.9	17.9	20.9	23.9							0
9	4.8	10.2	15.6	21.0	26.4	31.8	37.3	42.7	48.1						1
10		15.2	23.4	31.6	39.7	47.9	56.1	64.3	72.5						3
11		20.8	32.1	43.4	54.7	66.0	77.3	88.5	99.8	111.1					1
12		27.0	41.7	56.5	71.2	85.9	100.6	115.4	130.1	144.8					1
13		33.7	52.2	70.7	89.2	107.7	126.2	144.7	163.2	181.7	200.2				4
14		41.0	63.6	86.2	108.7	131.3	153.9	176.5	199.0	221.6	244.2				3
15			75.8	102.8	129.8	156.8	183.7	210.7	237.7	264.6	291.6	318.6			3
16			88.9	120.6	152.3	184.0	215.7	247.4	279.1	310.7	342.4	374.1			7
17			102.9	139.6	176.3	213.0	249.8	286.5	323.2	359.9	396.6	433.3	470.1		11
18			117.7	159.8	201.8	243.9	286.0	328.0	370.1	412.1	454.2	496.2	538.3		7
19			133.4	181.1	223.8	276.6	324.3	372.0	419.7	467.4	515.1	562.8	610.5		16
20				203.7	257.3	311.0	364.7	418.4	472.0	525.7	579.4	633.1	686.8		10
21				227.4	287.3	347.3	407.2	467.2	527.1	587.1	647.1	707.0	767.0		14
22				252.2	318.8	385.3	451.9	518.4	585.0	651.5	718.1	784.6	851.2		15
23				278.3	351.8	425.2	493.7	572.1	645.6	719.0	792.5	866.0	939.4		9
24				305.5	386.2	466.9	547.6	628.2	708.9	789.6	870.3	950.9	1031.6		17
25				422.2	510.4	598.6	686.8	775.0	863.2	951.4	1039.6	1127.8	1216.0		15
26				459.6	555.7	651.7	747.8	843.8	939.9	1035.9	1132.0	1228.0	1324.1		14
27				498.6	602.8	707.0	811.2	915.4	1019.6	1123.8	1228.0	1332.2	1436.4		14
28				539.0	651.7	764.3	877.0	989.7	1102.4	1215.1	1327.8	1440.4	1553.1		9
29				580.9	702.4	823.8	945.3	1066.8	1188.2	1309.7	1431.2	1552.6	1674.1		9
30				754.9	885.5	1016.0	1146.6	1277.2	1407.7	1538.3	1668.9	1799.4	1930.0		8
31				809.2	949.2	1089.2	1229.2	1369.1	1509.1	1649.1	1789.1	1929.0	2069.0		6
32				865.4	1015.1	1164.8	1314.5	1464.2	1613.9	1763.6	1913.3	2063.0	2212.7		2
33				923.3	1083.0	1242.8	1402.5	1562.3	1722.0	1881.7	2041.5	2201.2	2361.0		1
34				983.1	1153.1	1323.2	1493.3	1663.4	1833.5	2003.6	2173.7	2343.8	2513.9		2
35					1225.4	1406.1	1586.9	1767.7	1948.4	2129.2	2309.9	2490.7	2671.4		0
36					1376.2	1579.2	1782.3	1985.3	2188.3	2391.4	2594.4	2797.4	3000.5		0
37					1454.8	1669.4	1884.1	2098.7	2313.4	2528.0	2742.6	2957.3	3171.9		0
38					1535.5	1762.1	1988.6	2215.2	2441.8	2668.3	2894.9	3121.4	3348.0		0
39						1857.2	2096.0	2334.7	2573.5	2812.3	3051.1	3289.9	3528.7		0
40						1954.7	2204.0	2457.4	2708.7	2960.0	3211.4	3462.7	3714.1		0
41						2054.6	2318.8	2583.0	2847.2	3111.4	3375.6	3639.6	3904.0		0
42							2434.4	2711.8	2989.2	3266.5	3543.9	3821.3	4098.7		0
43							2552.7	2843.6	3134.5	3425.3	3716.2	4007.1	4297.9		0
44							2673.8	2978.5	3283.1	3587.8	3892.5	4197.1	4501.8		0
45							2797.6	3116.4	3435.2	3754.0	4072.8	4391.6	4710.3		0
46							2924.7	3257.4	3590.5	3923.9	4257.1	4590.3	4923.5		0
47							3053.5	3401.5	3749.5	4097.4	4445.4	4793.3	5141.3		0
48							3185.6	3548.6	3911.7	4274.7	4637.7	5000.7	5363.7		0
49							3320.5	3698.8	4077.2	4455.6	4834.0	5212.4	5590.8		0
50															0

BASIS
TREES

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP D13

YELLOW PINE

SANTA FE-CARSON N.F.

D8H CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.2	.8	1.5	2.4	3.4	4.5	5.6									0
8	.6	2.1	4.1	6.6	9.4	12.5	15.7	19.0								0
9	1.0	3.6	7.2	11.7	16.7	22.1	27.9	33.8	39.8							0
10		5.2	10.7	17.4	25.0	33.2	41.8	50.8	59.8							2
11		7.0	14.5	23.7	34.2	45.5	57.5	69.8	82.3	95.0						0
12		9.0	18.7	30.7	44.3	59.1	74.7	90.7	107.1	123.7						0
13		11.1	23.2	38.3	55.3	73.9	93.4	113.6	134.2	155.0						0
14		13.3	28.1	46.4	67.2	89.8	113.7	138.3	163.4	188.8						2
15			33.3	55.1	79.9	106.9	135.4	164.9	194.9	225.3	255.7					2
16			38.8	64.3	93.5	125.2	158.7	193.3	228.6	264.3	300.1	335.8				2
17			44.6	74.1	107.9	144.7	183.5	223.6	264.5	305.8	347.3	388.8	430.1			4
18			50.7	84.5	123.2	165.3	209.7	255.7	302.6	349.6	397.5	445.0	492.3			1
19			57.2	95.5	139.3	187.1	237.5	289.6	342.8	396.6	450.6	504.5	558.2			1
20				107.0	156.3	210.0	266.7	325.4	385.3	445.8	506.5	567.2	627.7	687.7	747.9	834.5
21				119.1	174.2	234.1	297.5	363.0	429.9	497.5	565.4	633.2	700.8	767.9	834.5	926.0
22				131.8	192.9	259.4	329.7	402.5	476.8	551.8	627.2	702.5	777.5	852.0	926.0	1021.8
23				145.0	212.4	285.9	363.5	443.8	525.8	608.7	691.9	775.0	857.8	940.1	1021.8	1121.9
24				158.8	232.8	313.5	398.7	487.0	577.1	668.1	759.5	850.8	941.8	1032.2	1121.9	1226.3
25					254.1	342.3	435.5	532.0	630.5	730.1	830.1	929.9	1029.4	1128.2	1226.3	1335.1
26					276.2	372.3	473.8	578.9	686.2	794.6	903.5	1012.3	1120.6	1228.3	1335.1	1448.3
27					299.2	403.4	513.6	627.6	744.0	861.7	979.9	1097.9	1215.5	1332.3	1448.3	1565.7
28					323.1	435.8	554.9	678.2	804.1	931.4	1059.2	1186.8	1314.0	1440.3	1565.7	1687.5
29					347.9	469.3	597.7	730.7	866.4	1003.6	1141.4	1279.0	1416.1	1552.3	1687.5	1813.7
30						504.0	642.0	785.0	930.9	1078.4	1226.5	1374.5	1521.9	1668.3	1813.7	1944.1
31						539.9	687.9	841.1	997.6	1155.8	1314.6	1473.2	1631.3	1788.3	1944.1	2079.0
32						577.0	735.2	899.2	1066.5	1235.7	1405.6	1575.3	1744.3	1912.3	2079.0	2218.1
33						615.3	784.1	959.1	1137.7	1318.2	1499.5	1680.6	1861.0	2040.2	2218.1	2361.6
34						654.7	834.6	1020.8	1211.0	1403.3	1596.3	1789.2	1981.3	2172.2	2361.6	2509.5
35							886.5	1084.5	1286.6	1491.0	1696.1	1901.1	2105.3	2308.1	2509.5	2661.7
36							940.0	1150.0	1364.4	1581.2	1798.8	2016.3	2232.9	2448.1	2661.7	2818.2
37							995.0	1217.3	1444.4	1674.0	1904.5	2134.8	2364.1	2592.0	2818.2	2979.1
38							1051.5	1286.6	1526.7	1769.4	2013.1	2256.5	2499.0	2740.0	2979.1	3144.4
39							1109.5	1357.7	1611.1	1867.3	2124.6	2381.5	2637.6	2891.9	3144.4	3307.8
40								1430.7	1697.8	1967.9	2239.0	2510.0	2779.8	3047.9	3314.0	3487.9
41								1505.6	1786.7	2071.0	2356.4	2641.6	2925.6	3207.8	3487.9	3666.2
42								1582.3	1877.9	2176.7	2476.8	2776.5	3075.1	3371.8	3666.2	3848.8
43								1660.9	1971.3	2285.0	2600.0	2914.8	3228.2	3539.7	3848.8	4027.3
44									2164.7	2509.3	2855.4	3201.1	3545.4	3887.6	4227.2	4422.9
45								1741.4	2066.9	2395.9	2726.2	3056.3	3385.0	3711.7	4035.8	4291.5
46									2164.7	2509.3	2855.4	3201.1	3545.4	3887.6	4227.2	4422.9
47									2264.7	2625.4	2987.5	3349.2	3709.5	4067.6	4422.9	4622.9
48									2367.0	2744.0	3122.5	3500.7	3877.3	4251.5	4622.9	4827.3
49									2471.5	2865.2	3260.4	3655.4	4048.7	4439.5	4827.3	5036.1
50									2578.3	2939.0	3401.3	3813.4	4223.7	4631.4	5036.1	5249.2
									2687.7	3115.3	3545.2	3974.7	4402.4	4827.4	5249.2	5499.2
BASIS TREES	0	0	2	2	4	11	9	10	5	4	2	0	0	0	0	0

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIA
YELLOW PINE
LINCOLN-COCONINO-TONTON N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES					
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	
7	.5	1.2	2.1	3.0	4.1	5.2	6.3								0	
8	1.3	3.3	5.7	8.3	11.2	14.3	17.4	20.6							1	
9	2.2	5.6	9.8	14.6	19.7	25.2	30.8	36.6	42.4						0	
10		8.2	14.5	21.6	29.4	37.6	46.1	54.8	63.6						1	
11		10.9	19.5	29.2	39.9	51.3	63.0	75.0	87.2	99.5					1	
12		13.7	24.8	37.5	51.4	66.2	81.5	97.2	113.2	129.2					1	
13		16.7	30.4	46.3	63.7	82.2	101.5	121.3	141.4	161.6	181.8				4	
14		19.8	36.3	55.6	76.9	99.5	123.0	147.2	171.7	196.4	221.3	293.2			2	
15			42.5	65.4	90.8	117.8	145.9	174.9	204.2	233.8	263.5	343.6			1	
16			49.0	75.8	105.5	137.2	170.3	204.3	238.9	273.7	308.7	397.2	437.7		6	
17			55.6	86.6	120.9	157.7	196.1	235.5	275.6	316.1	356.7	454.1	500.5		9	
18			62.6	97.0	137.1	179.2	223.2	268.5	314.5	360.9	407.5	514.1	566.8		7	
19			69.7	109.6	154.1	201.8	251.8	303.2	355.5	408.3	461.2	577.3	636.7	619.2	17	
20				121.8	171.8	225.5	281.7	339.7	398.6	458.0	517.7	643.7	710.2	776.3	9	
21				134.5	190.3	250.2	313.1	377.9	443.8	510.3	577.0	713.3	787.2	860.7	12	
22				147.7	209.5	276.0	345.9	417.8	491.1	565.0	639.2	786.2	867.8	949.0	8	
23				161.3	229.5	302.9	380.0	459.5	540.5	622.2	704.2	862.2	952.0	1041.2	14	
24				175.4	250.2	330.9	415.6	503.0	592.0	681.9	772.1	862.2	952.0	1041.2	12	
25					271.7	359.9	452.6	548.2	645.7	744.0	842.8	941.4	1039.7	1137.4	10	
26					294.0	390.0	491.0	595.2	701.4	808.7	916.3	1023.9	1131.0	1237.5	12	
27					317.0	421.2	530.9	644.0	759.4	875.8	992.7	1109.5	1225.9	1341.6	13	
28					340.9	453.6	572.1	694.6	819.4	945.5	1072.0	1198.4	1324.4	1449.6	9	
29						487.0	614.9	747.0	881.6	1017.6	1154.2	1290.6	1426.5	1561.6	8	
30						521.6	659.1	801.1	946.0	1092.3	1239.2	1385.9	1532.1	1677.5	2	
31						557.2	704.7	857.1	1012.5	1169.5	1327.1	1484.6	1641.4	1797.4	8	
32						594.1	751.8	914.9	1081.2	1249.2	1417.9	1586.4	1754.3	1921.2	2	
33						632.0	800.4	974.5	1152.1	1331.5	1511.6	1691.6	1870.8	2049.0	2	
34						671.2	850.5	1036.0	1225.2	1416.3	1608.2	1800.0	1990.9	2180.8	2	
35							902.1	1099.3	1300.4	1503.7	1707.7	1911.6	2114.7	2316.5	0	
36							955.2	1164.4	1377.9	1593.6	1810.1	2026.5	2242.1	2456.3	0	
37							1009.7	1231.4	1457.5	1686.1	1915.5	2144.7	2373.1	2600.0	0	
38							1065.8	1300.2	1539.4	1781.1	2023.7	2266.2	2507.7	2747.7	0	
39							1123.4	1370.9	1623.5	1878.7	2134.9	2391.0	2646.0	2899.4	0	
40								1443.5	1709.7	1978.9	2249.0	2519.0	2787.9	3055.1	0	
41								1517.9	1798.2	2081.6	2366.1	2650.3	2933.4	3214.8	0	
42								1594.2	1889.0	2186.9	2486.1	2785.0	3082.6	3378.5	0	
43								1672.4	1981.9	2294.8	2609.0	2922.9	3235.5	3546.2	0	
44								1752.4	2077.1	2405.3	2734.8	3064.1	3392.0	3717.9	0	
45									2174.5	2518.4	2863.6	3208.6	3552.2	3893.6	0	
46									2274.2	2634.1	2995.4	3356.4	3716.0	4073.3	0	
47									2376.0	2752.3	3130.1	3507.5	3883.4	4257.0	0	
48									2480.1	2873.1	3267.7	3661.9	4054.5	4444.7	0	
49									2586.5	2996.6	3408.3	3819.6	4229.3	4636.4	0	
50									2695.1	3122.5	3551.8	3980.6	4407.7	4832.2	0	

BASIS
TREES

GROSS SCRIPNER BOARD FOOT VOLUME TO 6 INCH TOP DBH -UNFORKED TREES

YELLOW PINE

SANTA FE-CARSON-LINCOLN-COCONINO-TONIP N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.2	1.8	2.4	2.9	3.5	4.1										0
8	1.8	3.7	5.6	7.6	9.5	11.4	13.4	15.3									0
9	3.3	7.1	10.9	14.7	18.5	22.3	26.1	29.9		33.7							0
10		11.3	17.4	23.5	29.6	35.7	41.8	47.9		53.9							3
11		16.2	25.0	33.8	42.5	51.3	60.1	68.9		77.7	86.5						1
12		21.7	33.6	45.4	57.2	69.1	80.9	92.8		104.6	116.5						1
13		27.8	43.1	58.3	73.6	88.9	104.1	119.4		134.6	149.9	165.2					4
14		34.5	53.5	72.6	91.6	110.6	129.6	148.6		167.6	186.6	205.6					3
15			64.9	88.0	111.1	134.2	157.3	180.3		203.4	226.5	249.6					7
16			77.2	104.6	132.1	159.6	187.1	214.6		242.1	269.6	297.1	324.6				11
17			90.3	122.5	154.7	186.9	219.2	251.4		283.6	315.8	348.0	380.2				17
18			104.3	141.6	178.8	216.1	253.3	290.6		327.8	365.1	402.4	439.6				3
19			119.2	161.8	204.4	247.0	289.6	332.2		374.9	417.5	460.1	502.7				7
20				183.2	231.5	279.8	328.1	376.3		424.6	472.9	521.2	569.5				15
21				205.8	260.1	314.3	368.6	422.9		477.1	531.4	585.7	639.9				10
22				229.6	290.1	350.7	411.3	471.8		532.4	592.9	653.5	714.1				14
23				254.5	321.7	388.8	456.0	523.2		590.3	657.5	724.7	791.9				15
24				280.6	354.7	428.8	502.9	576.9		651.0	725.1	799.2	873.3				9
25					389.2	470.5	551.8	633.1		714.4	795.8	877.1	958.4				17
26					425.2	514.0	602.9	691.7		780.6	869.4	958.3	1047.1				15
27					462.6	559.3	656.0	752.7		849.4	946.1	1042.8	1139.5				14
28					501.5	606.4	711.3	816.1		921.0	1025.8	1130.7	1235.5				14
29					542.0	655.3	768.6	881.9		995.2	1108.6	1221.9	1335.2				8
30						705.9	828.0	950.1		1072.2	1194.3	1316.4	1438.5				9
31						758.4	889.5	1020.7		1151.9	1283.1	1414.3	1545.4				6
32						812.6	953.1	1093.7		1234.3	1374.9	1515.4	1656.0				2
33						868.6	1018.9	1169.1		1319.4	1469.7	1610.9	1770.2				1
34						926.4	1086.6	1246.9		1407.2	1567.5	1727.8	1888.1				2
35							1156.5	1327.1		1497.7	1668.3	1838.9	2009.5				0
36							1228.5	1409.7		1591.0	1772.2	1953.4	2134.6				0
37							1302.6	1494.7		1686.9	1879.1	2071.2	2263.4				0
38							1378.7	1582.1		1785.5	1988.9	2192.4	2395.8				0
39							1456.0	1671.9		1886.9	2101.8	2316.8	2531.8				0
40								1764.1		1990.9	2217.8	2444.6	2671.4				0
41								1858.7		2097.7	2336.7	2575.7	2814.7				0
42								1955.7		2207.2	2458.6	2710.1	2961.6				0
43								2055.1		2319.3	2583.6	2847.9	3112.1				0
44								2156.8		2434.2	2711.6	2988.9	3266.3				0
45										2551.8	2842.5	3133.3	3424.1				0
46										2672.1	2974.5	3281.0	3585.5				0
47										2795.1	3113.6	3432.1	3750.6				0
48										2920.8	3253.6	3586.4	3919.3				0
49										3049.2	3396.6	3744.1	4091.6				0
50										3180.3	3542.7	3905.1	4267.5				0

BASIS

TREES

0 0 1 0 0

NET SCRIPNER BOARD FOOT VOLUME TO 6 INCH TOP DIP
YELLOW PINE
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.1	.2	.6	1.0	1.6	2.2	2.8									0
8	.2	.6	1.7	3.3	5.1	7.0	9.1	11.3								0
9	.3	1.1	3.3	6.3	9.8	13.6	17.7	22.0	26.4							0
10		1.7	5.2	9.9	15.5	21.7	28.3	35.1	42.2							2
11		2.3	7.3	14.1	22.1	31.1	40.6	50.5	60.6	70.8						2
12		2.9	9.6	18.8	29.6	41.6	54.4	67.8	81.4	95.2						0
13		3.6	12.2	23.9	37.8	53.3	69.8	87.0	104.6	122.3						0
14		4.3	14.9	29.4	46.8	66.0	86.6	108.0	129.9	152.1	174.3	238.3				0
15			17.8	35.4	56.4	79.8	104.8	130.8	157.5	184.4	211.4	251.3	283.4			2
16			20.9	41.8	66.8	94.7	124.4	155.4	187.1	219.2	251.3	294.2	331.8			2
17			24.1	48.6	77.9	110.5	145.4	181.7	218.9	256.5	294.2	339.8	383.4			4
18			27.5	55.8	89.6	127.3	167.7	209.7	252.7	296.2	339.8	388.3	438.1			1
19			31.1	63.4	102.0	145.2	191.3	239.4	288.6	338.4	388.3	438.1	487.7			1
20				71.3	115.1	164.0	216.3	270.8	326.6	383.0	439.6	496.1	552.2	536.8		6
21				79.7	128.9	183.8	242.6	303.8	366.6	430.0	493.7	557.2	620.3	607.9	744.8	4
22				88.5	143.3	204.6	270.2	338.6	408.6	479.5	550.5	621.4	691.9	761.8	830.9	4
23				97.7	158.5	226.4	299.2	375.0	452.7	531.3	610.2	688.8	767.0	844.5	921.3	5
24				107.2	174.3	249.2	329.5	413.2	498.9	585.6	672.6	759.4	845.7	931.2	1015.8	3
25					190.8	273.0	361.1	453.0	547.1	642.3	737.8	833.1	927.8	1021.7	1114.6	4
26					207.9	297.8	394.1	494.5	597.3	701.4	805.8	909.9	1013.4	1116.1	1217.6	5
27					225.8	323.6	428.4	537.7	649.6	762.9	876.5	989.9	1102.6	1214.3	1324.9	3
28					244.3	350.3	464.0	582.5	703.9	826.8	950.1	1073.0	1195.3	1316.4	1436.3	1
29					263.5	378.1	500.9	629.1	760.3	893.1	1026.4	1159.3	1291.4	1422.4	1552.0	1
30						406.9	539.2	677.3	818.7	961.8	1105.4	1248.7	1391.1	1532.2	1671.9	0
31						436.7	578.9	727.2	879.2	1033.0	1187.3	1341.3	1494.2	1645.9	1796.0	0
32						467.4	619.8	778.8	941.7	1106.5	1271.9	1436.9	1600.9	1763.4	1924.3	0
33						499.2	662.1	832.1	1006.3	1182.5	1359.4	1535.8	1711.1	1884.9	2056.9	0
34						532.0	705.8	887.1	1072.9	1260.9	1449.5	1637.7	1824.8	2010.1	2193.6	0
35							750.8	943.8	1141.6	1341.7	1542.5	1742.8	1941.9	2139.3	2334.6	0
36							797.1	1002.2	1212.3	1424.9	1638.3	1851.1	2062.6	2272.3	2479.8	0
37							844.8	1062.2	1285.0	1510.5	1736.8	1962.5	2186.8	2409.1	2629.2	0
38							893.8	1124.0	1359.9	1598.6	1838.1	2077.0	2314.5	2549.8	2782.8	0
39							944.2	1187.5	1436.7	1689.0	1942.2	2194.7	2445.7	2694.4	2940.6	0
40								1252.6	1515.7	1781.9	2049.0	2315.5	2580.4	2842.9	3102.7	0
41								1319.5	1596.7	1877.2	2158.7	2439.5	2718.6	2995.2	3269.0	0
42								1388.0	1679.7	1974.9	2271.1	2566.6	2860.3	3151.3	3439.4	0
43								1458.3	1764.8	2075.0	2386.3	2696.9	3005.5	3311.4	3614.1	0
44								1530.2	1852.0	2177.6	2504.3	2830.3	3154.2	3475.3	3793.1	0
45									1941.2	2282.5	2625.1	2966.8	3306.4	3643.0	3976.2	0
46									2032.4	2389.9	2748.7	3106.5	3462.1	3814.6	4163.5	0
47									2125.8	2499.7	2875.0	3249.4	3621.4	3990.1	4355.1	0
48									2221.2	2612.0	3004.1	3395.3	3784.1	4169.5	4550.9	0
49									2318.6	2726.6	3136.0	3544.5	3950.4	4352.7	4750.9	0
50									2418.1	2843.7	3270.7	3696.8	4120.1	4539.8	4955.1	0
BASIS TREES	0	0	2	2	8	11	9	10	5	4	2	0	0	0	0	0

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DBH
YELLOW PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	.2	.5	1.0	1.5	2.1	2.7	3.3									0
8	.7	1.6	3.0	4.7	6.5	8.5	10.5	12.6								1
9	1.3	3.0	5.7	8.9	12.5	16.4	20.4	24.5	28.7							0
10		4.5	8.8	13.9	19.7	25.8	32.3	38.9	45.7							1
11		6.2	12.3	19.6	27.9	36.7	46.0	55.6	65.4	75.2						1
12		7.9	15.9	25.8	36.9	48.9	61.4	74.4	87.5	100.8						1
13		9.6	19.8	32.4	46.7	62.1	78.3	95.0	112.0	129.2	146.3					4
14		11.3	23.9	39.5	57.2	76.4	96.6	117.4	138.7	160.1	181.6					2
15			28.0	46.9	68.3	91.7	116.2	141.6	167.5	193.5	219.7	245.8				1
16			32.3	54.6	80.1	107.9	137.2	167.4	198.3	229.4	260.7	291.8				6
17			36.7	62.6	92.5	125.0	159.4	194.9	231.2	267.7	304.4	341.0				9
18			41.1	71.0	105.4	143.0	182.8	224.0	266.0	308.4	350.9	393.3	377.4			7
19			45.6	79.6	118.9	161.9	207.5	254.7	302.8	351.4	400.2	448.8	435.5	545.2		17
20				88.5	133.0	181.7	233.4	286.9	341.6	396.8	452.1	507.3	562.3	616.8		2
21				97.7	147.6	202.4	260.5	320.8	382.3	444.4	506.8	569.0	630.8	692.2	753.1	12
22				107.1	162.7	223.9	288.8	356.2	425.0	494.4	564.1	633.7	702.8	771.5	839.5	12
23				116.9	178.4	246.3	318.4	393.2	469.6	546.8	624.2	701.4	778.3	854.5	930.1	3
24				126.9	194.7	269.5	349.1	431.7	516.1	601.4	686.9	772.3	857.2	941.4	1024.9	14
25					211.5	293.7	381.1	471.8	564.6	658.4	752.4	846.2	939.5	1032.1	1123.8	12
26					228.9	318.7	414.3	513.6	615.1	717.6	820.5	923.2	1025.3	1126.6	1226.9	10
27					246.9	344.6	448.7	556.9	667.5	779.2	891.4	1003.3	1114.5	1224.9	1334.2	12
28					265.5	371.4	484.4	601.8	721.8	843.2	964.9	1086.4	1207.2	1327.0	1445.7	9
29					284.7	399.2	521.3	648.3	778.1	909.5	1041.2	1172.7	1303.3	1433.0	1561.4	8
30						427.8	559.4	696.4	836.5	978.1	1120.2	1262.0	1402.9	1542.7	1681.2	8
31						457.4	598.9	746.1	896.8	1049.1	1201.9	1354.4	1506.0	1656.3	1805.2	8
32						487.9	639.6	797.5	959.0	1122.4	1286.4	1449.9	1612.5	1773.7	1933.4	2
33						519.3	681.6	850.5	1023.3	1198.2	1373.5	1548.5	1722.5	1895.0	2065.8	2
34						551.7	724.9	905.1	1089.6	1276.2	1463.5	1650.3	1835.9	2020.1	2202.4	2
35							769.4	961.4	1157.9	1356.7	1556.1	1755.1	1952.9	2149.0	2343.2	0
36							815.3	1019.4	1228.3	1439.6	1651.6	1863.1	2073.3	2281.8	2488.2	0
37							862.5	1079.0	1300.6	1524.8	1749.7	1974.2	2197.2	2418.4	2637.4	0
38							911.1	1140.3	1375.0	1612.5	1850.7	2088.4	2324.6	2558.8	2790.8	0
39							960.9	1203.3	1451.4	1702.5	1954.4	2205.7	2455.5	2703.2	2948.3	0
40								1267.9	1529.9	1794.9	2060.9	2326.2	2589.9	2851.3	3110.2	0
41								1334.3	1610.4	1889.8	2170.1	2449.8	2727.8	3003.3	3276.2	0
42								1402.3	1693.0	1987.1	2282.1	2576.5	2869.1	3159.2	3446.4	0
43								1472.0	1777.6	2086.7	2397.0	2706.4	3014.0	3319.0	3620.8	0
44								1543.4	1864.2	2188.8	2514.5	2839.5	3162.4	3482.6	3799.5	0
45								1953.0	2293.4	2634.9	2975.7	3314.3	3650.0	3982.4	4319.5	0
46								2043.8	2400.3	2758.1	3115.0	3469.7	3821.4	4169.5	4519.5	0
47								2136.6	2509.7	2884.0	3257.5	3628.6	3996.6	4360.8	4726.8	0
48								2231.5	2621.5	3012.8	3403.1	3791.1	4175.6	4556.3	4946.1	0
49								2328.5	2735.7	3144.3	3551.9	3957.1	4358.6	4756.1	5156.1	0
50								2427.6	2852.4	3278.6	3703.8	4126.4	4545.4	4960.1	5375.1	0

BASIS
TREES

0 0 0 3 8 13 30 40 35 25 12 7 4 1 0 1

TOTAL STEM GROSS CURVE FOOT VOLUME-UNFORKED TREES

BLACKJACK PINE

LINCOLN-COCONINO-TONTA N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.1															0
2	.2	.2														0
3	.3	.4														0
4	.4	.7														0
5	.6	1.1	.6	1.4	2.6	4.4	6.9	10.2	14.5	24.1						39
6	.8	1.5	1.6	2.1	3.7	5.9	9.0	12.9	17.9	28.6						63
7	1.1	2.0	3.0	4.0	4.9	7.7	11.3	15.9	21.7	33.6						73
8	1.4	2.6	3.9	5.2	6.4	9.7	14.0	19.3	25.8	39.0						57
9	1.7	3.3	4.9	6.5	8.1	12.0	17.2	22.9	30.3	44.7						74
10		4.0	6.0	8.0	10.0	14.5	20.1	26.9	35.1	50.9						51
11		4.9	7.3	9.7	12.1	17.2	23.5	31.2	40.2	55.9						55
12		5.8	8.6	11.5	14.4	20.2	27.3	35.8	45.8	63.1						30
13		6.8	10.1	13.5	16.8	23.4	31.3	40.7	51.7	70.8						29
14		7.9	11.7	15.6	19.5	26.9	35.6	45.1	57.9	78.8						23
15			13.5	17.9	22.4	30.5	40.2	50.2	61.3	87.4						19
16			15.3	20.4	28.7	38.6	49.5	60.6	71.7	93.2						13
17			17.3	23.0	32.2	43.0	55.6	68.9	83.6	100.3						23
18			19.4	25.8	35.9	47.7	61.3	76.9	93.2	111.2						13
19			21.6	28.7	39.8	52.6	67.3	84.0	105.7	122.5						9
20				31.8	43.8	57.7	73.5	91.5	115.3	134.5						5
21				35.1	48.1	63.0	80.1	99.3	125.8	147.0						12
22				42.1	57.2	74.5	93.9	112.7	136.4	161.0						3
23				45.8	62.1	80.5	101.3	120.8	147.6	174.4						6
24					83.5	100.2	116.9	133.5	150.2	178.6						2
25						107.2	125.0	142.9	160.7	188.1						2
26						114.5	133.5	152.6	171.6	196.4						1
27						121.9	142.3	162.6	182.9	209.8						0
28						129.7	151.3	172.9	194.5	223.5						0
29						137.7	160.6	183.5	206.4	237.7						0
30							180.0	205.7	231.4	267.9						0
31							190.2	217.3	244.5	282.9						0
32							200.6	229.2	257.9	298.8						0
33							211.3	241.4	271.6	315.1						0
34								254.0	285.7	331.9						0
35								266.8	300.2	349.2						0
36								280.0	315.0	366.9						0
37								307.3	345.7	385.0						0
38									361.6	403.5						0
39									377.8	422.5						0
40									394.4	441.9						0
41									411.4	462.1						0
42									428.7	482.1						0
43									446.4	503.7						0
44										525.9						0
45										549.4						0
46										571.6						0
47										595.1						0
48																0
49																0
50																0

TOTAL STEM NET CUBIC FOOT VOLUME
BLACKJACK PINE
LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS PO	90	100	110	120	130	140	150	PAIS TREES
1	.1															0
2	.2	.2														0
3	.3	.4														0
4	.4		.6													0
5	.6	1.1	1.6	1.3	2.5	4.3										2
6	.8	1.5	2.2	2.9	3.6	5.9										4
7	1.1	2.0	3.0	4.0	4.9	7.6										5
8	1.3	2.6	3.9	5.1	6.4	8.1										6
9	1.7	3.3	4.9	6.5	8.1	9.6	6.8	10.1	14.4							2
10		4.0	6.0	8.0	9.9	11.9	8.9	12.8	17.7							3
11		4.9	7.3	9.6	12.0	14.3	11.2	15.7	21.4							6
12		5.8	8.6	11.4	14.3	17.0	13.8	19.0	25.4	23.7						3
13		6.8	10.1	13.4	16.7	20.0	19.8	22.6	29.7	28.1						6
14		7.8	11.7	15.5	19.4	23.1	23.2	26.5	34.4	33.0						3
15			13.4	17.8	22.2	26.5	26.9	30.7	38.2	38.2						0
16			15.3	20.3	25.2	30.2	30.8	35.1	43.7	43.7						2
17			17.2	22.9	28.5	34.0	35.0	39.9	44.8	49.6						3
18			19.3	25.6	31.9	38.1	42.2	50.4	56.5	62.6						6
19			21.5	28.5	35.5	42.4	49.2	62.0	69.5	76.9						3
20				31.6	39.3	46.9	54.5	68.2	76.4	84.5						2
21				34.8	43.3	51.6	59.9	74.7	83.6	92.5						1
22				38.1	47.4	56.6	65.7	81.5	91.2	100.9						1
23				41.7	51.8	61.8	71.7	88.5	99.0	109.5						0
24				45.3	56.4	67.2	77.9	95.8	107.2	118.5						0
25					61.1	72.8	84.4	103.4	115.6	127.8						0
26					66.0	78.7	91.1	111.3	124.4	137.4						0
27					71.1	84.7	98.1	119.4	133.4	147.2						0
28					76.4	91.0	105.3	127.7	142.6	157.4						0
29					81.9	97.4	112.7	136.3	152.2	167.9						0
30						104.1	120.3	145.2	162.0	178.6						0
31						111.0	128.2	154.3	172.0	189.6						0
32						118.1	136.3	163.6	182.4	200.9						0
33						125.4	144.7	173.2	192.9	212.4						0
34						132.8	153.2	183.0	203.7	224.2						0
35							162.0	193.0	214.7	236.2						0
36							170.9	203.2	226.0	248.4						0
37							180.1	213.7	237.5	260.9						0
38							189.5	224.4	249.1	273.5						0
39							199.1	235.2	261.0	286.4						0
40								246.3	273.1	299.5						0
41								257.5	285.4	312.8						0
42								268.9	297.8	326.2						0
43								280.6	310.5	339.8						0
44									323.3	353.6						0
45									336.3	367.5						0
46									349.4	381.6						0
47									362.7	395.8						0
48									376.1	410.2						0
49									389.6	424.6						0
50																0

TOTAL STEM NET CURIC FOOT VOLUME
BLACKJACK PINE
COCONINO N.F.

DRH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
1	.1															0
2	.2															0
3	.3	.4														0
4	.4	.7														0
5	.6	1.1	1.0	1.4												15
6	.8	1.5	2.2	2.9	2.6	4.4										26
7	1.1	2.0	3.0	4.0	4.9	5.9										34
8	1.4	2.6	3.9	5.2	6.4	7.7										34
9	1.7	3.3	4.9	6.5	8.1	9.7										28
10		4.0	6.0	8.0	10.0	12.0	6.9	10.2	14.5							34
11		4.9	7.3	9.7	12.1	14.5	11.3	12.9	17.9	24.0						17
12		5.8	8.6	11.5	14.4	17.2	16.9	19.2	21.6	28.5						26
13		6.8	10.1	13.5	16.8	20.2	23.5	26.8	30.1	33.4						11
14		7.9	11.7	15.6	19.5	23.4	27.3	31.1	34.9	38.7						16
15			13.5	17.9	22.4	26.8	31.3	35.7	40.1	44.4						11
16			15.3	20.4	25.5	30.5	35.6	40.6	45.6	50.5						10
17			17.3	23.0	28.7	34.4	40.1	45.8	51.4	57.0						5
18			19.4	25.8	32.2	38.6	45.0	51.3	57.6	63.8						6
19			21.6	28.7	35.9	43.0	50.1	57.2	64.2	71.1						8
20				31.8	39.7	47.6	55.5	63.3	71.0	78.7						4
21				35.1	43.8	52.5	61.2	69.8	78.3	86.7						3
22				38.5	48.0	57.6	67.1	76.5	85.9	95.0						7
23				42.0	52.5	62.9	73.3	83.6	93.8	103.8						1
24				45.8	57.2	68.5	79.8	91.0	102.1	112.9						4
25					62.0	74.3	86.6	98.7	110.7	122.4						2
26					67.1	80.4	93.6	106.8	119.7	132.3						1
27					72.3	86.7	100.9	115.1	129.0	142.5						7
28					77.7	93.2	108.5	123.7	138.6	153.1						3
29					83.4	99.9	116.4	132.6	148.6	164.1						4
30						106.9	124.5	141.9	158.9	175.4						2
31						114.2	132.9	151.5	169.6	187.1						1
32						121.6	141.6	161.3	180.6	203.2						7
33						129.3	150.6	171.5	191.9	211.6						0
34						137.3	159.8	181.9	203.6	224.3						2
35							169.3	192.7	215.5	237.5						0
36							179.0	203.8	227.9	250.9						0
37							189.1	215.2	240.5	264.7						0
38							199.4	226.9	253.5	278.9						0
39							209.9	238.8	266.8	293.4						0
40								251.1	280.4	308.3						0
41								263.7	294.4	323.4						0
42								276.6	308.7	339.0						0
43								289.7	323.3	354.8						0
44								303.2	338.2	371.0						0
45									353.4	387.5						0
46									368.9	404.3						0
47									384.8	421.5						0
48									401.0	438.9						0
49									417.5	456.7						0
50									434.2	474.8						0
8 BASIS TREES	1	27	63	89	60	37	19	7	1	2	0	0	0	0	0	0

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.1															0
2	.2	.2														0
3	.3	.4	.6													0
4	.4	.7	1.0													0
5	.6	1.1	1.6	1.4												22
6	.8	1.5	2.2	2.1	2.6	4.4										33
7	1.1	2.0	3.0	4.0	4.9	5.9	6.9									35
8	1.3	3.3	3.9	5.2	6.4	7.7	9.0	10.2	14.5	24.1						39
9	1.7	4.0	6.0	8.0	10.0	12.0	14.0	15.9	17.9	28.6						43
10		4.9	7.3	9.7	12.1	14.5	16.9	19.3	21.7	33.5						35
11		5.8	8.6	11.5	14.3	17.2	20.0	22.9	25.7	38.8						28
12		6.8	10.1	13.5	16.8	20.2	23.5	26.8	30.2	44.5	36.9					23
13		7.8	11.7	15.6	19.5	23.4	27.2	31.1	35.0	53.4	42.7					18
14			13.4	17.9	22.3	26.8	31.2	35.7	40.1	60.7	49.0					16
15			15.3	20.3	25.4	30.4	35.5	40.5	45.6	68.4	55.6					9
16			17.2	22.9	28.6	34.3	40.0	45.7	51.4	76.5	62.7					10
17			19.3	25.7	32.0	38.4	44.8	51.1	57.5	85.1	70.2					15
18			21.5	28.6	35.7	42.7	49.8	56.9	63.9	94.0	78.0					7
19				31.6	39.4	47.3	55.1	62.9	70.7	103.3	86.2					4
20				34.8	43.4	52.0	60.6	69.2	77.7	112.9	94.8					3
21				38.1	47.6	57.0	66.4	75.7	85.1	122.9	103.3					5
22				41.6	51.9	62.1	72.3	82.5	92.7	133.0	112.9					2
23				45.2	56.3	67.5	78.5	89.6	100.6	143.9	122.9					0
24					61.0	73.0	85.0	96.9	108.7	154.8	132.2					0
25					65.8	78.7	91.6	104.4	117.1	166.1	142.3					1
26					70.8	84.6	98.4	112.1	125.7	177.6	152.7					0
27					75.9	90.8	105.5	120.1	134.6	189.4	163.4					0
28					81.2	97.0	112.8	128.3	143.8	197.0	174.3					0
29						103.5	120.2	136.8	153.2	201.5	185.5					0
30						110.2	127.9	145.4	162.8	213.9	197.0					0
31						117.0	135.8	154.3	172.7	226.5	213.9					0
32						124.1	143.9	163.4	182.8	239.4	220.7					0
33						131.3	152.2	172.8	193.1	252.6	233.0					0
34							160.7	182.3	203.7	266.0	258.3					0
35							169.3	192.1	214.5	279.6	271.2					0
36							178.2	202.0	225.5	284.6	284.4					0
37							187.3	212.2	236.7	297.9	297.9					0
38							196.5	222.6	248.1	311.5	311.5					0
39								233.1	259.8	336.6	336.6					0
40								243.9	271.6	351.4	351.4					0
41								254.8	283.6	366.3	366.3					0
42								265.9	295.8	381.4	381.4					0
43								277.1	308.1	396.7	396.7					0
44									320.7	412.1	412.1					0
45									333.3	427.6	427.6					0
46									346.1	441.8	441.8					0
47									359.1	459.1	459.1					0
48									372.2	474.9	474.9					0
49									385.4	490.9	490.9					0
50																0

BASIS
TREES

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
BLACKJACK PINE
LINCOLN-COCONINO-TONTI N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.4	.7	.9	1.2	1.5											39
6	.6	1.1	1.7	2.2	2.8	3.4										63
7	.8	1.6	2.5	3.3	4.2	5.0	5.9									73
8	1.0	2.2	3.4	4.5	5.7	6.9	8.0	9.2								77
9	1.3	2.8	4.3	5.9	7.4	8.9	10.4	11.9	13.5							57
10		3.5	5.4	7.3	9.2	11.1	13.0	15.0	16.9							74
11		4.2	6.6	8.9	11.2	13.6	15.9	18.2	20.6	22.9						51
12		5.0	7.8	10.6	13.4	16.2	19.0	21.8	24.6	27.4						55
13		5.9	9.2	12.5	15.8	19.1	22.4	25.7	29.0	32.3	35.6					30
14		6.8	10.7	14.5	18.4	22.2	26.1	29.9	33.7	37.6	41.4					29
15			12.3	16.7	21.1	25.5	30.0	34.4	38.8	43.2	47.6	52.1				23
16			13.9	19.0	24.0	29.1	34.1	39.2	44.2	49.2	54.3	59.3				19
17			15.7	21.4	27.1	32.8	38.5	44.2	49.9	55.6	61.3	67.0	72.7			13
18			17.6	24.0	30.4	36.8	43.2	49.6	56.0	62.4	68.8	75.2	81.6			23
19			19.7	26.8	33.9	41.1	48.2	55.3	62.4	69.6	76.7	83.8	91.0	98.1		13
20				29.7	37.6	45.5	53.4	61.3	69.2	77.1	85.0	92.9	100.9	108.8		9
21				32.7	41.4	50.2	58.9	67.6	76.3	85.1	93.8	102.5	111.2	119.9	128.7	5
22				35.9	45.5	55.1	64.6	74.2	83.8	93.4	102.9	112.5	122.1	131.7	141.3	12
23				39.2	49.7	60.2	70.6	81.1	91.6	102.1	112.5	123.0	133.5	144.0	154.4	3
24				42.7	54.1	65.5	76.9	88.3	99.7	111.1	122.6	134.0	145.4	156.8	168.2	6
25					58.7	71.1	83.5	95.9	108.2	120.6	133.0	145.4	157.7	170.1	182.5	2
26					63.5	76.9	90.3	103.7	117.1	130.5	143.9	157.2	170.6	184.0	197.4	2
27					68.5	82.9	97.4	111.8	126.3	140.7	155.1	169.6	184.0	198.5	212.9	1
28					73.6	89.2	104.7	120.2	135.8	151.3	166.9	182.4	197.9	213.5	229.0	0
29					79.0	95.7	112.3	129.0	145.7	162.3	179.0	195.7	212.3	229.0	245.7	1
30						102.4	120.2	138.0	155.9	173.7	191.6	209.4	227.2	245.1	262.9	0
31						109.3	128.3	147.4	166.4	185.5	204.5	223.6	242.6	261.7	280.7	0
32						116.5	136.8	157.1	177.4	197.7	218.0	238.3	258.5	278.8	299.1	0
33						123.8	145.4	167.0	188.6	210.2	231.8	253.4	275.0	296.6	318.1	0
34						131.5	154.4	177.3	200.2	223.1	246.1	269.0	291.9	314.8	337.7	0
35							163.6	187.9	212.2	236.5	260.7	285.0	309.3	333.6	357.9	0
36							173.1	198.8	224.5	250.2	275.9	301.5	327.2	352.9	378.6	0
37							182.8	210.0	237.1	264.2	291.4	318.5	345.7	372.8	400.0	0
38							192.8	221.5	250.1	278.7	307.4	336.0	364.6	393.2	421.9	0
39							203.1	233.3	263.4	293.6	323.7	353.9	384.1	414.2	444.4	0
40								277.1	308.8	340.6	372.3	404.0	435.7	467.5	499.1	0
41								291.1	324.5	357.8	391.1	424.5	457.8	491.1	524.4	0
42								305.5	340.5	375.5	410.4	445.4	480.4	515.4	550.4	0
43								320.2	356.9	393.5	430.2	466.9	503.5	540.2	576.9	0
44								335.3	373.7	412.1	450.5	488.8	527.2	565.6	604.0	0
45								350.7	390.8	431.0	471.2	511.3	551.5	591.6	631.8	0
46								366.4	408.4	450.4	492.3	534.3	576.3	618.2	660.2	0
47								382.5	426.3	470.2	514.0	557.8	601.6	645.4	689.2	0
48								399.0	444.7	490.4	536.1	581.8	627.5	673.1	718.8	0
49								415.8	463.4	511.0	558.6	606.3	653.9	701.5	749.1	0
50								432.9	482.5	532.1	581.7	631.2	680.8	730.4	780.0	0
BASIS TREES	1	49	124	194	165	79	44	17	4	2	1	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP OF 4 INCHES
BLACKJACK PINE
LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS			90	100	110	120	130	140	150	BASIS TREFS
								80										
5	.4	.6	.9	1.2	1.5													2
6	.6	1.1	1.7	2.2	2.8	3.3												4
7	.8	1.6	2.5	3.3	4.2	5.0	5.8											5
8	1.0	2.2	3.4	4.5	5.7	6.8	8.0	9.1										6
9	1.3	2.8	4.3	5.8	7.3	8.8	10.3	11.8	13.3									2
10		3.5	5.4	7.3	9.2	11.0	12.9	14.8	16.6									6
11		4.2	6.5	8.9	11.2	13.4	15.7	18.0	20.3	22.5								3
12		5.0	7.8	10.6	13.3	16.1	18.8	21.5	24.2	26.9								0
13		5.9	9.2	12.4	15.7	18.9	22.1	25.3	28.5	31.7								6
14		6.8	10.6	14.4	18.2	21.9	25.7	29.4	33.1	36.8								3
15			12.2	16.6	20.9	25.2	29.5	33.7	38.0	42.2								6
16			13.9	18.9	23.8	28.7	33.5	38.4	43.2	48.0								0
17			15.7	21.3	26.9	32.4	37.9	43.3	48.7	54.2								2
18			17.6	23.9	30.1	36.3	42.4	48.5	54.6	60.6								3
19			19.6	26.6	33.5	40.4	47.2	54.0	60.7	67.4								0
20				29.4	37.1	44.7	52.2	59.7	67.2	74.6								2
21				32.4	40.9	49.3	57.5	65.7	73.9	82.0								3
22				35.6	44.9	54.0	63.0	72.0	80.9	89.8								2
23				38.9	49.0	59.0	68.8	78.6	88.3	97.9								0
24				42.3	53.3	64.1	74.8	85.4	95.9	106.4								0
25					57.8	69.5	81.0	92.4	103.8	115.1								0
26					62.4	75.0	87.5	99.8	112.0	124.1								1
27					67.2	80.8	94.2	107.4	120.4	133.5								1
28					72.2	86.8	101.1	115.2	129.2	143.1								0
29					77.4	93.0	108.2	123.3	138.2	153.0								0
30						99.3	115.6	131.6	147.5	163.2								0
31						105.9	123.2	140.2	157.0	173.7								0
32						112.7	131.0	149.0	166.8	184.4								0
33						119.6	139.0	158.0	176.8	195.5								0
34						126.8	147.2	167.3	187.1	206.8								0
35							155.6	176.8	197.6	218.3								0
36							164.3	186.5	208.4	230.1								0
37							173.1	196.4	219.4	242.2								0
38							182.2	206.6	230.7	254.5								0
39							191.4	217.0	242.1	267.1								0
40								227.6	253.8	279.8								0
41								238.4	265.8	292.9								0
42								249.4	277.9	306.1								0
43								260.6	290.3	319.6								0
44								272.0	302.8	333.3								0
45									315.6	347.2								0
46									328.6	361.4								0
47									341.8	375.7								0
48									355.2	390.3								0
49									368.7	405.1								0
50									382.5	420.0								0

BASIS
TREES

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
BLACKJACK PINE
COCOAING N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.4	.7	.9	1.2	1.5											15
6	.6	1.1	1.7	2.2	2.8	3.4										26
7	.8	1.6	2.5	3.3	4.2	5.0	5.9									34
8	1.0	2.2	3.4	4.5	5.7	6.9	8.0									34
9	1.3	2.8	4.3	5.9	7.4	8.9	10.4	11.9	13.4							24
10		3.5	5.4	7.3	9.2	11.1	13.0	14.9	16.8							34
11		4.2	6.6	8.9	11.2	13.6	15.9	18.2	20.5							17
12		5.0	7.8	10.6	13.4	16.2	19.0	21.8	24.5	22.8						26
13		5.9	9.2	12.5	15.8	19.1	22.4	25.7	28.9	32.1	35.3					11
14		6.8	10.7	14.5	18.4	22.2	26.0	29.8	33.6	37.3	41.1	51.4				16
15			12.3	16.7	21.1	25.5	29.9	34.3	38.6	42.9	47.2	58.5	71.2			11
16			13.9	19.0	24.0	29.0	34.1	39.0	44.0	48.9	53.7	66.0	79.8	95.2		5
17			15.7	21.4	27.1	32.8	38.5	44.1	49.7	55.2	60.6	73.9	88.8	105.3		6
18			17.6	24.0	30.4	36.8	43.1	49.5	55.7	61.9	68.0	82.3	98.2	115.8	123.5	4
19			19.6	26.8	33.9	41.0	48.1	55.1	62.1	68.9	75.7	91.1	108.1	126.8	135.1	3
20				29.7	37.6	45.4	53.3	61.1	68.8	76.4	83.8	100.3	118.5	138.3	147.3	1
21				32.7	41.4	50.1	58.7	67.3	75.8	84.2	92.3	110.3	129.2	150.2	159.9	4
22				35.9	45.4	55.0	64.5	73.9	83.2	92.3	101.2	110.6	129.2	152.6	172.9	2
23				39.2	49.7	60.1	70.4	80.7	90.9	100.8	110.8	120.0	139.4	164.1	186.4	1
24				42.7	54.1	65.4	76.7	87.9	98.9	109.7	120.3	130.5	149.4	175.3	200.3	0
25					58.7	71.0	83.2	95.3	107.3	119.0	130.3	141.3	152.0	176.5	202.1	2
26					63.4	76.7	90.0	103.1	116.0	128.6	140.8	152.6	164.1	189.4	214.7	0
27					68.4	82.8	97.0	111.1	125.0	138.6	151.7	164.3	176.5	202.7	229.4	2
28					73.6	89.0	104.3	119.5	134.4	148.9	162.9	176.4	189.4	221.1	246.6	0
29					78.9	95.4	111.9	128.1	144.1	159.6	174.5	188.9	202.7	230.6	254.6	0
30						102.1	119.7	137.1	154.1	170.6	186.5	201.7	216.4	240.2	260.2	0
31						109.0	127.8	146.3	164.4	182.0	198.9	215.0	230.4	254.7	276.2	0
32						116.1	136.1	155.8	175.1	193.7	211.6	228.6	244.9	267.2	292.6	0
33						123.5	144.7	165.7	186.1	205.8	224.7	242.6	259.7	282.3	309.4	0
34						131.1	153.6	175.8	197.4	218.3	238.2	257.0	275.0	292.3	326.5	0
35							162.7	186.2	209.1	231.1	252.0	271.8	290.6	308.7	344.1	0
36							172.1	196.9	221.0	244.2	266.2	287.0	306.6	325.5	362.0	0
37							181.7	207.9	233.3	257.7	280.8	302.5	323.0	342.6	380.3	0
38							191.7	219.2	245.9	271.5	295.7	318.4	339.7	360.2	398.9	0
39							201.8	230.8	258.9	285.7	311.0	334.6	356.8	378.0	417.9	0
40								242.7	272.1	300.2	326.7	351.2	374.3	396.3	437.2	0
41								254.8	285.7	315.1	342.6	368.2	392.1	414.9	456.9	0
42								267.3	299.6	330.3	359.0	385.6	410.3	433.9	477.0	0
43								280.0	313.8	345.8	375.7	403.2	428.8	453.2	497.0	0
44								293.1	328.3	361.7	392.7	421.3	447.0	472.8	518.2	0
45									343.2	377.9	410.1	439.7	467.0	492.8	539.2	0
46									358.3	394.5	427.9	458.4	486.6	513.2	550.7	0
47									373.8	411.4	446.0	477.5	506.5	533.9	582.5	0
48									389.6	428.6	464.4	497.0	526.8	554.9	604.6	0
49									405.7	446.1	483.2	516.8	547.4	576.3	627.0	0
50									422.1	464.0	502.3	536.9	568.4	598.0		0

8 BASIS
TREES

NET CUBIC FOOT VOLUME TO TOP OF 4 INCHES
BLACKJACK PINE
TONTON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.4	.7	.9	1.2	1.5											22
6	.6	1.1	1.7	2.2	2.8	3.4										33
7	.8	1.6	2.5	3.3	4.2	5.0	5.9									35
8	1.0	2.2	3.4	4.5	5.7	6.9	8.0									39
9	1.3	2.8	4.3	5.8	7.4	8.9	10.4									31
10		3.5	5.4	7.3	9.2	11.1	13.0	9.2	13.4							43
11		4.2	6.6	8.9	11.2	13.6	15.9	14.9	16.8							35
12		5.0	7.8	10.6	13.4	16.2	19.0	21.8	24.6	22.9						29
13		5.9	9.2	12.5	15.8	19.1	22.4	25.7	29.0	32.2	35.5					23
14		6.8	10.7	14.5	18.3	22.2	26.0	29.8	33.6	37.5	41.3	51.8				16
15			12.2	16.6	21.0	25.5	29.9	34.3	38.7	43.1	47.4	59.0				16
16			13.9	18.9	23.9	29.0	34.0	39.0	44.0	49.0	54.0	66.6	72.2			10
17			15.7	21.4	27.0	32.7	38.3	44.0	49.6	55.3	60.9	74.5	80.8			15
18			17.6	23.9	30.3	36.6	43.0	49.3	55.6	61.9	68.2	82.9	89.9			7
19			19.6	26.6	33.7	40.8	47.8	54.8	61.9	68.9	75.9	91.6	98.3	96.9		4
20				29.5	37.3	45.1	52.9	60.7	68.4	76.2	83.9	91.6	98.3	107.0	126.1	3
21				32.4	41.0	49.6	58.2	66.7	75.3	83.8	92.3	100.7	109.2	117.6	137.8	5
22				35.5	45.0	54.4	63.7	73.1	82.4	91.7	100.9	110.2	119.4	128.6	149.9	2
23				38.8	49.0	59.3	69.5	79.6	89.8	99.9	109.9	120.0	130.0	139.9	162.4	2
24				42.1	53.3	64.4	75.4	86.4	97.4	108.3	119.2	130.1	140.9	151.6	175.2	0
25					57.7	69.7	81.6	93.5	105.3	117.1	128.8	140.5	152.1	163.7	188.4	1
26					62.2	75.1	88.0	100.7	113.4	126.1	138.7	151.2	163.6	176.0	201.9	0
27					66.9	80.8	94.5	108.2	121.8	135.3	148.8	162.2	175.5	188.7	215.7	0
28					71.8	86.6	101.3	115.9	130.5	144.9	159.2	173.5	187.6	201.7	229.9	0
29					76.8	92.6	108.3	123.9	139.3	154.7	169.9	185.0	200.1	215.0	244.3	0
30						98.8	115.5	132.0	148.4	164.7	180.9	196.9	212.8	228.6	259.2	0
31						105.1	122.8	140.4	157.8	175.0	192.1	209.1	225.9	242.6	274.3	0
32						111.7	130.4	149.0	167.4	185.6	203.7	221.6	239.3	256.9	289.8	0
33						118.4	138.2	157.8	177.2	196.4	215.5	234.3	253.0	271.5	305.7	0
34						125.3	146.2	166.9	187.3	207.5	227.6	247.4	267.0	286.4	321.8	0
35							154.4	176.1	197.6	218.9	239.9	260.7	281.3	301.7	338.3	0
36							162.7	185.6	208.2	230.5	252.5	274.3	295.9	317.2	355.2	0
37							171.3	195.3	219.0	242.3	265.4	288.2	310.8	333.1	372.3	0
38							180.0	205.2	230.0	254.4	278.6	302.4	326.0	349.3	389.8	0
39							189.0	215.3	241.2	266.8	292.0	316.9	341.5	365.8	407.7	0
40								225.6	252.7	279.4	305.7	331.6	357.3	382.6	425.8	0
41								236.1	264.4	292.2	319.6	346.7	373.4	399.7	444.2	0
42								246.8	276.3	305.2	333.8	361.9	389.7	417.1	463.0	0
43								257.7	288.4	318.5	348.2	377.5	406.3	434.8	482.1	0
44								268.8	300.7	332.0	362.9	393.3	423.2	452.8	501.4	0
45									313.2	345.7	377.8	409.3	440.4	471.1	521.1	0
46									325.9	359.7	392.9	425.6	457.8	489.7	541.1	0
47									338.8	373.8	408.2	442.1	475.5	508.5	561.3	0
48									351.9	388.2	423.8	458.9	493.5	527.6	581.9	0
49									365.2	402.7	439.6	475.9	511.7	547.0	602.7	0
50									378.7	417.5	455.6	493.2	530.1	566.6		0
BASIS TREES	0	21	51	92	124	52	21	12	6	0	1	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
 BLACKJACK PINE
 LINCOLN-COCONINO-TONTON N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	1.0	1.6	2.1	2.7	3.3	3.8										72
8	.8	1.7	2.6	3.6	4.5	5.4	6.3	7.3									77
9	1.1	2.4	3.7	5.0	6.4	7.7	9.0	10.3									57
10		3.1	4.9	6.6	8.4	10.1	11.8	13.6	15.3	11.6							74
11		3.9	6.1	8.3	10.5	12.7	14.9	17.0	19.2	15.3	21.4						51
12		4.8	7.4	10.1	12.8	15.4	18.1	20.8	23.4	19.2	26.1						55
13		5.7	8.9	12.0	15.2	18.4	21.6	24.8	28.0	23.4	31.2	34.3					30
14		6.6	10.4	14.1	17.8	21.6	25.3	29.1	32.8	28.0	36.5	40.3					29
15			12.0	16.3	20.6	25.0	29.3	33.6	38.0	32.8	42.3	46.6	50.9				23
16			13.7	18.6	23.6	28.6	33.5	38.5	43.4	38.0	48.4	53.3	58.3	71.7			19
17			15.5	21.1	26.8	32.4	38.0	43.6	49.2	43.4	54.9	60.5	66.1	80.7			13
18			17.4	23.8	30.1	36.4	42.7	49.1	55.4	49.2	61.7	68.0	74.4	90.1	97.2		13
19			19.5	26.5	33.6	40.7	47.7	54.8	61.9	55.4	68.9	76.0	83.1	100.1	107.9		9
20				29.4	37.3	45.1	53.0	60.8	68.7	68.7	76.5	84.4	92.2	101.8	110.5	127.8	5
21				32.5	41.2	49.8	58.5	67.2	75.8	75.8	84.5	93.2	101.9	110.5	119.2	140.5	12
22				35.7	45.2	54.7	64.3	73.8	83.3	83.3	92.8	102.4	111.9	121.4	130.9	153.7	3
23				39.0	49.5	59.9	70.3	80.7	91.1	91.1	101.6	112.0	122.4	132.8	143.3	167.5	6
24				42.5	53.9	65.2	76.6	88.0	99.3	99.3	110.7	122.0	133.4	144.8	156.1	181.8	2
25					58.5	70.8	83.2	95.5	107.8	107.8	120.2	132.5	144.8	157.2	169.5	196.8	2
26					63.3	76.7	90.0	103.4	116.7	116.7	130.0	143.4	156.7	170.1	183.4	212.3	1
27					68.3	82.7	97.1	111.5	125.9	125.9	140.3	154.7	169.1	183.5	197.9	228.4	0
28					73.5	89.0	104.5	120.0	135.5	135.5	150.9	166.4	181.9	197.4	212.9	245.1	1
29					78.8	95.4	112.1	128.7	145.3	145.3	162.0	178.6	195.2	211.9	228.5	262.4	0
30						102.2	120.0	137.8	155.6	155.6	173.4	191.2	209.0	226.8	244.6	280.3	0
31						109.1	128.1	147.1	166.2	166.2	185.2	204.2	223.2	242.2	261.2	298.7	0
32						116.3	136.5	156.8	177.1	177.1	197.4	217.6	237.9	258.2	278.4	317.7	0
33						123.7	145.2	166.8	188.4	188.4	209.9	231.5	253.0	274.6	296.1	337.3	0
34						131.3	154.2	177.1	200.0	200.0	222.9	245.7	268.6	291.5	314.4	357.5	0
35							163.4	187.7	211.9	211.9	236.2	260.4	284.7	309.0	333.2	378.3	0
36							172.9	198.6	224.2	224.2	249.9	275.6	301.2	326.9	352.6	399.6	0
37							182.6	209.8	236.9	236.9	264.0	291.1	318.2	345.4	372.5	421.5	0
38							192.7	221.3	249.9	249.9	278.5	307.1	335.7	364.3	392.9	444.0	0
39							202.9	233.1	263.2	263.2	293.4	323.5	353.6	383.8	413.9	467.1	0
40								245.2	276.9	276.9	308.6	340.3	372.0	403.7	435.4	490.8	0
41								257.6	290.9	290.9	324.2	357.6	390.9	424.2	457.5	515.1	0
42								270.4	305.3	305.3	340.3	375.2	410.2	445.2	480.1	539.9	0
43								283.4	320.0	320.0	356.7	393.3	430.0	466.6	503.3	565.4	0
44								296.7	335.1	335.1	373.5	411.9	450.2	488.6	527.0	591.4	0
45									350.5	350.5	390.7	430.8	470.9	511.1	551.2	618.0	0
46									366.3	366.3	408.2	450.2	492.1	534.1	576.0	645.1	0
47									382.4	382.4	426.2	470.0	513.8	557.6	601.3	672.9	0
48									398.8	398.8	444.5	490.2	535.9	581.5	627.2	701.2	0
49									415.6	415.6	463.2	510.8	558.4	606.0	653.6	730.2	0
50									432.8	432.8	482.3	531.9	581.5	631.0	680.6		0
BASIS TREES	1	49	119	191	165	79	44	17	4	?	1	0	0	0	0	0	

DBH CLASS	HEIGHT CLASS										BASIS TREES	
	10	20	30	40	50	60	70	80	90	100		
7	5	1.0	1.6	2.1	2.7	3.2	3.8					
8	.8	1.7	2.6	3.5	4.5	5.4	6.3	7.2				
9	1.1	2.4	3.7	5.0	6.3	7.6	8.9	10.2				
10		3.1	4.9	6.6	8.3	10.0	11.7	13.4	15.1			
11		3.9	6.1	8.3	10.4	12.6	14.7	16.8	18.9	21.1		
12		4.8	7.4	10.1	12.7	15.3	17.9	20.5	23.1	25.7		
13		5.7	8.8	12.0	15.1	18.2	21.3	24.4	27.5	30.6		
14		6.6	10.3	14.0	17.7	21.3	25.0	28.6	32.2	35.8		
15			11.9	16.2	20.4	24.7	28.8	33.0	37.2	41.3		
16			13.6	18.5	23.4	28.2	33.0	37.7	42.4	49.6		
17			15.4	21.0	26.5	31.9	37.3	42.7	48.0	56.6		
18			17.4	23.6	29.7	35.9	41.9	47.9	53.9	64.0		
19			19.4	26.3	33.2	40.0	46.7	53.4	60.1	71.8		
20				29.2	36.8	44.3	51.8	59.2	66.6	80.0		
21				32.2	40.6	48.9	57.1	65.2	73.3	88.5		
22				35.4	44.6	53.7	62.6	71.5	80.4	95.8		
23				38.7	48.7	58.6	68.4	78.1	87.7	105.4		
24				42.1	53.0	63.8	74.4	84.9	95.4	113.3		
25					57.5	69.2	80.6	92.0	103.3	121.2		
26					62.2	74.7	87.1	99.3	111.4	132.6		
27					67.0	80.5	93.8	106.9	119.9	144.5		
28					72.0	86.5	100.7	114.7	128.6	156.8		
29					77.2	92.7	107.8	122.8	137.6	169.5		
30						99.0	115.2	131.1	146.8	182.6		
31						105.6	122.7	139.6	156.3	193.3		
32						112.3	130.5	148.4	166.0	209.9		
33						119.3	138.5	157.4	176.0	224.2		
34						126.4	146.7	166.6	186.3	238.8		
35							155.1	176.1	196.7	253.7		
36							163.7	185.7	207.4	269.0		
37							172.5	195.6	218.4	282.0		
38							181.5	205.7	229.6	297.3		
39							190.7	216.0	240.9	313.0		
40								226.6	252.5	329.0		
41								237.3	264.4	345.2		
42								248.2	276.4	358.2		
43								259.3	288.7	371.8		
44								270.7	301.1	385.2		
45									313.8	403.1		
46									326.6	421.2		
47									339.7	439.6		
48									352.9	458.3		
49									366.4	477.3		
50									380.0	496.6		

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
BLACKJACK PINE
COCONINO N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	1.0	1.6	2.1	2.7	3.2	3.8										34
8	.8	1.7	2.6	3.6	4.5	5.4	6.3	7.3									34
9	1.1	2.4	3.7	5.0	6.4	7.7	9.0	10.3									28
10		3.1	4.9	6.6	8.3	10.1	11.8	13.5	11.6								34
11		3.9	6.1	8.3	10.5	12.7	14.8	17.0	19.2	15.3							17
12		4.8	7.4	10.1	12.8	15.4	18.1	20.7	23.4	19.2	21.3						26
13		5.7	8.8	12.0	15.2	18.4	21.6	24.7	27.9	23.4	26.0						11
14		6.6	10.4	14.1	17.8	21.6	25.3	29.0	32.7	27.9	31.0	34.1					16
15			12.0	16.3	20.6	24.9	29.2	33.5	37.8	32.7	36.3	39.9	50.2				11
16			13.7	18.6	23.6	28.5	33.5	38.4	43.2	37.8	42.0	46.1	57.4				10
17			15.5	21.1	26.7	32.3	37.9	43.5	49.0	43.2	48.0	52.8	57.4				5
18			17.4	23.7	30.1	36.4	42.6	48.9	55.1	49.0	54.4	59.8	65.0				6
19			19.4	26.5	33.6	40.6	47.6	54.6	61.5	55.1	61.2	67.2	73.0				8
20				29.4	37.2	45.1	52.8	60.6	68.2	61.5	68.3	74.9	81.5				4
21				32.5	41.1	49.7	58.3	66.9	75.3	68.2	75.7	83.1	90.3				3
22				35.7	45.2	54.7	64.1	73.4	82.7	75.3	83.6	91.7	99.6				4
23				39.0	49.4	59.8	70.1	80.3	90.4	82.7	91.8	100.6	109.2				3
24				42.5	53.8	65.1	76.4	87.5	98.5	90.4	100.3	109.9	119.3				7
25					58.4	70.7	82.9	95.0	106.9	98.5	109.2	119.7	129.8				1
26					63.2	76.5	89.7	102.7	115.6	106.9	118.5	129.8	140.7				2
27					68.2	82.5	96.7	110.8	124.6	115.6	128.1	140.2	151.9				1
28					73.4	88.8	104.0	119.2	134.0	134.0	148.4	162.3	175.7				0
29					78.7	95.2	111.6	127.8	143.7	159.1	170.1	185.9	198.3				2
30						101.9	119.4	136.8	153.7	164.1	181.5	198.3	214.2				0
31						108.8	127.5	146.0	164.1	181.5	205.4	224.1	241.8				0
32						116.0	135.9	155.5	174.7	193.3	217.8	237.5	256.1				0
33						123.3	144.5	165.4	185.7	205.4	230.6	251.3	270.9				0
34						130.9	153.4	175.5	197.0	217.8	243.7	265.5	286.0				0
35							162.5	185.9	208.7	230.6	257.2	280.0	301.4				0
36							171.9	196.6	220.6	243.7	270.9	289.4	305.3				0
37							181.5	207.6	232.9	257.2	280.0	301.4	317.3				0
38							191.4	218.9	245.5	271.0	294.9	317.3	333.4				0
39							201.6	230.5	258.5	285.1	310.2	333.4	350.0				0
40								242.4	271.7	299.6	325.8	350.0	372.6				0
41								254.5	285.3	314.5	341.7	366.9	390.3				0
42								267.0	299.1	329.6	358.0	384.2	408.4				0
43								279.7	313.3	345.1	374.6	401.8	426.8				0
44								292.8	327.8	361.0	391.6	419.7	445.6				0
45									342.7	377.1	409.0	438.0	464.7				0
46									357.8	393.6	426.7	456.7	484.2				0
47									373.3	410.5	444.7	475.7	504.0				0
48									389.0	427.7	463.0	495.0	524.2				0
49									405.1	445.2	481.8	514.7	544.7				0
50									421.5	463.0	500.8	534.8	565.5				0
BASIS TREES	1	27	63	89	60	37	19	7	1	2	0	0	0	0	0	0	0

NET CUBIC FOOT VOLUME TO TOP DBH OF A INCHES
BLACKJACK PINE
TONTO N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	.5	1.0	1.6	2.1	2.7	3.2	3.8									35
8	.8	1.7	2.6	3.6	4.5	5.4	6.3	7.3								30
9	1.1	2.4	3.7	5.0	6.4	7.7	9.0	10.3	11.6							31
10		3.1	4.9	6.6	8.3	10.1	11.8	13.6	15.3							43
11		3.9	6.1	8.3	10.5	12.7	14.8	17.0	19.2	21.4						35
12		4.8	7.4	10.1	12.8	15.4	18.1	20.7	23.4	26.1						24
13		5.7	8.8	12.0	15.2	18.4	21.6	24.7	27.9	31.1	34.3					23
14		6.6	10.3	14.1	17.8	21.5	25.3	29.0	32.7	36.4	40.1	50.7				14
15			12.0	16.3	20.6	24.9	29.2	33.5	37.8	42.1	46.4	58.0	71.2			16
16			13.7	18.6	23.5	28.5	33.4	38.3	43.2	48.1	53.1	65.6	79.9	95.9		8
17			15.5	21.0	26.6	32.2	37.8	43.4	48.9	54.5	60.1	73.7	89.0	106.1	125.1	10
18			17.4	23.6	29.9	36.2	42.5	48.7	55.0	61.2	67.4	82.1	98.5	116.8	136.9	15
19			19.4	26.4	33.4	40.4	47.3	54.3	61.3	68.2	75.1	89.9	108.6	127.8	149.0	7
20				29.2	37.0	44.7	52.4	60.2	67.9	75.5	83.2	90.9	108.6	127.8	149.0	4
21				32.2	40.8	49.3	57.8	66.3	74.7	83.2	91.6	100.0	118.6	136.9	158.1	3
22				35.3	44.7	54.0	63.3	72.6	81.9	91.1	100.3	109.5	129.4	150.8	174.2	5
23				38.6	48.8	59.0	69.1	79.2	89.3	99.3	109.3	119.3	140.1	162.8	187.7	2
24				41.9	53.0	64.1	75.1	86.0	96.9	107.8	118.6	129.4	151.3	175.1	200.8	0
25					57.4	69.4	81.2	93.0	104.8	116.5	128.2	139.7	162.8	187.7	214.5	0
26					62.0	74.8	87.6	100.3	112.9	125.5	138.0	150.4	174.6	200.7	228.6	0
27					66.7	80.5	94.2	107.8	121.3	134.7	148.1	161.4	186.7	213.9	243.0	0
28					71.5	86.3	100.9	115.5	129.9	144.2	158.5	172.6	199.1	227.4	257.7	0
29					76.5	92.3	107.9	123.4	138.8	154.0	169.1	184.2	211.8	235.4	262.7	0
30						98.4	115.1	131.5	147.8	164.0	180.1	196.0	224.7	241.3	268.1	0
31						104.8	122.4	139.9	157.1	174.3	191.2	208.1	236.8	255.4	284.7	0
32						111.3	130.0	148.4	166.7	184.8	202.7	220.4	249.6	269.9	299.8	0
33						118.0	137.7	157.2	176.5	195.5	214.4	233.1	262.7	283.9	313.7	0
34						124.8	145.6	166.2	186.5	206.5	226.4	246.0	275.6	296.9	328.7	0
35							153.8	175.4	196.7	217.8	238.6	259.2	289.8	311.5	343.0	0
36							162.1	184.8	207.2	229.3	251.2	272.7	294.1	315.2	336.1	0
37							170.6	194.4	217.9	241.1	263.9	286.5	308.8	330.9	352.7	0
38							179.3	204.2	228.8	253.1	277.0	300.6	323.9	346.9	369.7	0
39							188.2	214.3	240.0	265.3	290.3	314.9	339.2	363.2	387.0	0
40								224.5	251.3	277.7	303.8	329.5	354.8	379.9	404.6	0
41								234.9	262.9	290.4	317.6	344.3	370.7	396.8	422.5	0
42								245.5	274.7	303.4	331.6	359.4	386.9	414.0	440.8	0
43								256.3	286.7	316.5	345.9	374.8	403.3	431.5	459.3	0
44								267.3	298.9	329.9	360.4	390.4	420.0	449.3	478.1	0
45								311.3	343.4	375.1	406.3	437.0	467.3	497.3	527.3	0
46								323.8	357.2	390.0	422.4	454.2	485.7	516.7	547.7	0
47								336.6	371.2	405.2	438.7	471.7	504.3	536.4	568.4	0
48								349.6	385.4	420.6	453.3	486.3	518.8	551.3	583.8	0
49								362.7	399.8	436.2	472.1	507.4	542.3	577.3	612.3	0
50								376.1	414.4	452.1	489.1	525.7	561.7	597.4	633.4	0
8 BASIS TREES	0	21	51	92	124	52	21	12	6	0	1	0	0	0	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
BLACKJACK PINE
LINCOLN-COCONINO-TONTON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	1.6	1.3	2.0	2.6	3.3	4.0	4.7										73
8	1.9	4.2	6.4	8.6	10.9	13.1	15.4	17.6									77
9	3.5	7.8	12.1	16.4	20.7	25.0	29.3	33.6	37.9								57
10		12.1	18.8	25.6	32.3	39.0	45.7	52.4	59.1								74
11		17.0	26.4	35.8	45.3	54.7	64.2	73.6	83.1	92.5							51
12		22.3	34.7	47.2	59.6	72.1	84.6	97.0	109.5	121.9							55
13		28.0	43.8	59.5	75.3	91.0	106.8	122.6	138.3	154.1	169.8						30
14		34.2	53.6	72.9	92.2	111.5	130.9	150.2	169.5	188.8	208.2						29
15			64.1	87.2	110.4	133.6	156.7	179.9	203.1	226.2	249.4						23
16			75.3	102.6	129.9	157.1	184.4	211.7	238.9	266.2	293.5						19
17			87.3	118.9	150.6	182.2	213.9	245.5	277.1	308.8	340.4						13
18			100.0	136.3	172.5	208.8	245.1	281.4	317.7	354.0	390.2						23
19			113.4	154.6	195.8	237.0	278.2	319.4	360.6	401.8	442.9						13
20				173.9	220.3	266.7	313.0	359.4	405.8	452.1	498.5						9
21				194.2	246.1	297.9	349.7	401.5	453.3	505.2	557.0						5
22				215.6	273.1	330.6	388.2	445.7	503.2	560.8	618.3						12
23				237.9	301.4	364.9	428.5	492.0	555.5	619.0	682.5						3
24				261.2	331.0	400.8	470.5	540.3	610.1	679.9	749.6						6
25					361.9	438.2	514.4	590.7	667.0	743.3	819.6						2
26					394.0	477.1	560.2	643.3	726.3	809.4	892.5						2
27					427.4	517.6	607.7	697.9	788.0	878.2	968.3						1
28					462.1	559.6	657.1	754.5	852.0	949.5	1047.0						0
29					498.0	603.1	708.2	813.3	918.4	1023.5	1128.6						0
30						648.2	761.2	874.2	987.2	1100.1	1213.1						1
31						694.9	816.0	937.1	1058.3	1179.4	1300.5						0
32						743.1	872.7	1002.2	1131.7	1261.2	1390.8						0
33						792.9	931.1	1069.3	1207.5	1345.8	1484.0						0
34						844.2	991.4	1138.6	1285.7	1432.9	1580.1						0
35							1053.5	1209.9	1366.3	1522.7	1679.1						0
36							1117.4	1283.3	1449.2	1615.1	1781.0						0
37							1183.1	1358.8	1534.5	1710.2	1885.8						0
38							1250.7	1436.4	1622.1	1807.9	1993.6						0
39							1320.1	1516.1	1712.1	1908.2	2104.2						0
40								1597.9	1804.5	2011.1	2217.8						0
41								1681.8	1899.3	2116.7	2334.2						0
42								1767.8	1996.4	2225.0	2453.6						0
43								1855.9	2095.9	2335.9	2575.9						0
44								1946.1	2197.7	2449.4	2701.1						0
45									2301.9	2565.6	2829.2						0
46									2408.5	2684.3	2960.2						0
47									2517.5	2805.8	3094.1						0
48									2628.8	2929.9	3230.9						0
49									2742.5	3056.6	3370.7						0
50									2858.6	3185.9	3513.3						0
BASIS TREES	0	24	98	180	164	79	44	17	4	2	1	0	0	0	0	0	0

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DBH
BLACKJACK PINE
LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS			90	100	110	120	130	140	150	BASIS TREES
								60	70	80								
7	.5	1.1	1.7	2.3	2.9	3.6	4.2											3
8	1.7	3.7	5.7	7.6	9.7	11.7	13.9			16.1								6
9	3.2	7.0	10.7	14.5	18.4	22.4	26.5			30.7	35.0							2
10		10.8	16.7	22.6	28.6	34.9	41.3			47.8	54.6							6
11		15.0	23.3	31.7	40.2	48.9	57.9			67.2	76.6	86.3						3
12		19.7	30.7	41.7	52.9	64.5	76.3			88.5	101.0	113.8						6
13		24.8	38.7	52.6	66.8	81.4	96.4			111.9	127.7	143.7	160.0					3
14		30.4	47.3	64.4	81.8	99.7	118.1			137.1	156.4	176.2						0
15			56.6	77.1	98.0	119.4	141.5			164.2	187.4	211.0	234.9	259.0				2
16			66.5	90.7	115.2	140.5	166.5			193.2	220.5	248.3	276.5	304.8				3
17			77.1	105.1	133.6	162.9	193.1			224.1	255.8	288.0	320.7	353.6	386.7			2
18			88.3	120.4	153.1	186.7	221.3			256.8	293.2	330.2	367.6	405.4	443.3			6
19			100.2	136.6	173.7	211.8	251.1			291.5	332.8	374.8	417.3	460.1	503.2			3
20				153.7	195.5	238.4	282.6			328.0	374.5	421.8	469.6	517.9	566.3			2
21				171.6	218.3	266.3	315.7			366.4	418.4	471.2	524.7	578.6	632.7			1
22				190.5	242.3	295.6	350.4			406.8	464.4	523.1	582.5	642.3	702.4			822.8
23				210.2	267.4	326.2	386.8			449.0	512.7	577.4	643.0	709.1	775.4			908.3
24				230.8	293.7	358.3	424.8			493.1	563.1	634.2	706.2	778.8	851.7			841.8
25					321.1	391.7	464.4			539.1	615.6	693.4	772.2	851.5	931.2			997.6
26					349.6	426.5	505.7			587.1	670.3	755.1	840.8	927.3	1014.0			1090.8
27					379.2	462.7	548.6			636.9	727.3	819.2	912.3	1006.0	1100.2			1187.8
28					410.0	500.2	593.1			688.6	786.3	885.8	986.4	1087.8	1189.6			1288.7
29					441.9	539.2	639.3			742.3	847.6	954.8	1063.2	1172.5	1282.3			1502.1
30						579.5	687.2			797.8	911.0	1026.2	1142.8	1260.3	1378.3			1614.6
31						621.2	736.6			855.3	976.7	1100.2	1225.2	1351.1	1477.6			1730.9
32						664.3	787.8			914.6	1044.5	1176.6	1310.2	1445.0	1580.2			1851.2
33						708.8	840.5			975.9	1114.4	1255.4	1398.0	1541.8	1686.1			1975.2
34						754.7	894.9			1039.1	1186.6	1336.7	1488.6	1641.7	1795.4			2103.2
35							951.0			1104.2	1260.9	1420.4	1581.9	1744.5	1907.9			2235.0
36							1008.7			1171.2	1337.5	1506.6	1677.9	1850.4	2023.7			2370.7
37							1068.0			1240.1	1416.2	1595.3	1776.6	1959.3	2142.8			2510.2
38							1129.0			1310.9	1497.1	1686.4	1878.1	2071.3	2265.2			2653.7
39							1191.7			1383.7	1580.1	1780.0	1982.4	2186.2	2391.0			2801.0
40										1458.3	1665.4	1876.1	2089.3	2304.2	2520.0			2952.1
41										1534.9	1752.8	1974.6	2199.1	2425.2	2652.3			3107.2
42										1613.4	1842.5	2075.6	2311.5	2549.3	2788.0			3266.1
43										1693.8	1934.3	2179.0	2426.7	2676.3	2926.9			3428.9
44										1776.1	2028.3	2284.9	2544.7	2806.4	3069.2			3595.6
45											2124.5	2393.3	2665.3	2939.5	3214.8			3766.1
46											2222.8	2504.1	2788.8	3075.6	3363.6			3940.5
47											2323.4	2617.4	2914.9	3214.8	3515.8			4118.8
48											2426.1	2733.1	3043.8	3356.9	3671.3			4301.0
49											2531.1	2851.3	3175.5	3502.1	3830.1			4487.0
50											2638.2	2972.0	3309.9	3650.4	3992.2			4677.0
BASIS TREES	0	0	7	17	10	8	7	0	0	0	0	0	0	0	0	0	0	0

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
BLACKJACK PINE
COCONINO N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	RASIS TREES
7	6	1.3	1.9	2.6	3.3	4.0	4.6	17.4								27
8	1.9	4.1	6.3	8.6	10.8	13.0	15.2	33.2								34
9	3.5	7.8	12.0	16.2	20.5	24.7	29.0	51.6	37.4							28
10		12.0	18.6	25.2	31.9	38.4	45.0	72.3	58.2							34
11		16.8	26.1	35.4	44.6	53.9	63.1	94.9	81.5	90.7						17
12		22.0	34.3	46.5	58.6	70.8	82.9	107.0	90.7	119.0						26
13		27.7	43.1	58.6	73.9	89.2	104.3	119.5	134.6	149.8	165.0					11
14		33.8	52.7	71.6	90.3	108.9	127.4	145.8	164.2	182.7	201.3					17
15			63.0	85.5	107.8	130.0	152.0	173.8	195.8	217.8	240.2					10
16			74.0	100.4	126.5	152.4	178.0	203.5	229.2	255.1	281.4					10
17			85.6	116.1	146.2	176.0	205.4	234.8	264.4	294.5	325.2					5
18			97.9	132.7	167.0	200.8	234.3	267.7	301.5	336.1	371.6					6
19			110.9	150.2	188.8	226.8	264.4	302.1	340.5	379.9	420.5					8
20				168.6	211.7	253.9	295.9	338.1	381.4	426.1	472.1					4
21				187.7	235.4	282.2	328.6	375.7	424.2	474.5	526.4					6
22				207.7	260.1	311.5	362.6	414.9	469.1	525.4	583.4					8
23				228.5	285.7	341.8	397.9	455.7	516.0	578.7	643.2					4
24				250.0	312.2	373.1	434.5	498.2	564.9	634.4	705.7					4
25					339.5	405.4	472.4	542.4	616.1	692.6	771.0					2
26					367.6	438.8	511.7	588.5	669.4	753.3	839.1					1
27					396.5	473.1	552.4	636.4	724.8	816.5	909.9					1
28					426.2	508.5	594.5	686.1	782.5	882.1	983.5					0
29					456.6	545.0	638.2	737.8	842.4	950.3	1059.8					2
30						582.5	683.4	791.3	904.6	1020.9	1138.9					0
31						621.2	730.1	846.8	968.9	1094.1	1220.8					0
32						661.0	778.4	904.2	1035.5	1169.7	1305.4					0
33						702.0	828.4	963.6	1104.2	1247.8	1392.7					0
34						744.3	880.0	1024.9	1175.2	1328.4	1482.8					0
35							933.3	1088.1	1248.4	1411.4	1575.6					0
36							988.2	1153.3	1323.8	1496.9	1671.2					0
37							1044.8	1220.5	1401.4	1584.9	1769.5					0
38							1103.1	1289.6	1481.2	1675.3	1870.6					0
39							1163.0	1360.6	1563.1	1768.2	1974.3					0
40								1433.5	1647.3	1863.5	2080.9					0
41								1508.3	1733.6	1961.3	2190.1					0
42								1585.1	1822.1	2061.5	2302.1					0
43								1663.8	1912.8	2164.2	2416.8					0
44								1744.4	2005.7	2269.4	2534.3					0
45									2100.7	2377.0	2654.4					0
46									2197.9	2487.0	2777.4					0
47									2297.3	2599.5	2903.0					0
48									2398.8	2714.5	3031.4					0
49									2502.5	2831.8	3162.5					0
50									2608.4	2951.7	3296.3					0

RASIS
TREES

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIA
BLACKJACK PINE
TONTO N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	1.6	1.3	1.9	2.6	3.2	3.8	4.4										29
8	1.9	4.1	6.3	8.5	10.6	12.6	14.5	16.5									34
9	3.5	7.8	12.0	16.1	20.1	23.9	27.7	31.5	35.4								31
10		12.0	18.6	25.0	31.3	37.3	43.2	49.1	55.2								43
11		16.8	26.0	35.1	43.9	52.3	60.6	68.9	77.6	86.7							35
12		22.1	34.2	46.2	57.8	69.0	79.9	90.8	102.3	114.3							29
13		27.8	43.2	58.3	73.0	87.1	100.9	114.7	129.2	144.4							23
14		34.0	52.8	71.4	89.4	106.7	123.6	140.6	158.3	177.0							16
15			63.2	85.4	107.0	127.8	148.0	168.4	189.7	212.0							9
16			74.3	100.5	125.8	150.3	174.2	198.2	223.2	249.4							18
17			86.1	116.5	145.9	174.3	202.0	229.9	258.9	289.3							23
18			98.6	133.4	167.2	199.8	231.5	263.5	296.7	331.7							15
19			111.9	151.4	189.7	226.7	262.7	299.0	336.8	376.5							7
20				170.3	213.5	255.1	295.7	336.5	379.0	423.7							4
21				190.2	238.4	284.9	330.3	376.9	423.4	470.2							3
22				211.1	264.6	316.3	366.6	417.3	470.0	525.5							5
23				233.0	292.1	349.1	404.7	460.6	518.8	580.0							2
24				255.8	320.7	383.4	444.4	505.9	569.8	637.1							2
25					350.6	419.1	485.9	553.1	623.0	696.5							0
26					381.8	456.4	529.1	602.3	678.4	758.5							1
27					414.1	493.1	574.0	653.4	736.0	822.9							0
28					447.7	533.3	620.6	706.5	795.8	889.7							0
29					482.6	576.9	668.9	761.5	857.8	959.1							0
30						620.1	719.0	818.5	922.0	1030.9							0
31						664.7	770.7	877.4	988.4	1105.1							0
32						710.9	824.2	938.3	1057.0	1181.8							0
33						758.5	879.4	1001.2	1127.9	1261.0							0
34						807.5	936.4	1066.0	1200.9	1342.7							0
35							995.0	1132.8	1276.1	1426.8							0
36							1055.4	1201.5	1353.6	1513.4							0
37							1117.5	1272.2	1433.2	1602.5							0
38							1181.3	1344.9	1515.1	1694.0							0
39							1246.8	1419.5	1599.2	1788.1							0
40								1496.1	1685.5	1884.5							0
41								1574.6	1774.0	1983.5							0
42								1655.1	1864.7	2084.9							0
43								1737.6	1957.6	2188.8							0
44								1822.0	2052.7	2295.2							0
45									2150.1	2404.0							0
46									2249.6	2515.4							0
47									2351.4	2629.2							0
48									2455.4	2745.4							0
49									2561.5	2864.2							0
50									2669.9	2985.4							0

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BASIS	0	3	27	75	123	52	21	1?	6	0	1	0	0	0	0	0	0
TREES																	

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GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIP -UNFORKED TREES
BLACKJACK PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.7	1.1	1.5	1.9	2.2	2.6									0
8	1.2	2.7	4.2	5.6	7.1	8.5	10.0	11.5								0
9	2.5	5.6	8.6	11.7	14.8	17.8	20.9	23.9	27.0							31
10		9.2	14.2	19.3	24.4	29.5	34.5	39.6	44.7							74
11		13.4	20.8	28.3	35.7	43.2	50.6	58.1	65.5	73.0						51
12		18.1	28.3	38.4	48.6	58.7	68.9	79.0	89.2	99.3						55
13		23.4	36.5	49.7	62.8	76.0	89.1	102.3	115.4	128.6	141.7					30
14		29.1	45.6	62.0	78.4	94.9	111.3	127.7	144.2	160.6	177.0					29
15			55.3	75.3	95.3	115.3	135.3	155.3	175.3	195.3	215.3					23
16			65.9	89.7	113.5	137.4	161.2	185.1	208.9	232.7	256.6					19
17			77.1	105.1	133.0	161.0	188.9	216.9	244.8	272.8	300.7					13
18			89.1	121.4	153.7	186.1	218.4	250.7	283.0	315.4	347.7					23
19			101.8	138.8	175.7	212.7	249.7	286.6	323.6	360.6	397.6					13
20				157.1	199.0	240.8	282.7	324.6	366.5	408.4	450.2			508.5		9
21				176.4	223.4	270.5	317.5	364.6	411.7	458.7	505.8			575.9	694.0	5
22				196.7	249.2	301.7	354.1	406.6	459.1	511.6	564.1			646.9	774.1	17
23				217.9	276.1	334.3	392.5	450.7	508.9	567.1	625.3			721.6	858.0	3
24				240.2	304.3	368.5	432.7	496.8	561.0	625.1	689.3			799.9	945.9	6
25					333.8	404.2	474.6	544.9	615.3	685.7	756.1			881.7	1037.6	2
26					364.5	441.4	518.2	595.1	672.0	748.8	825.7			967.2	1133.2	2
27					396.4	480.0	563.7	647.3	730.9	814.5	898.1			1056.3	1232.6	1
28					429.6	520.2	610.9	701.5	792.1	882.8	973.4			1149.0	1443.1	1
29					464.0	561.9	659.8	757.7	855.7	953.6	1051.5			1245.3	1554.2	0
30						605.1	710.6	816.0	921.5	1026.9	1132.4			1345.2	1669.1	0
31						649.8	763.0	876.3	989.6	1102.8	1216.1			1448.7	1787.8	0
32						696.0	817.3	938.6	1059.9	1181.2	1302.6			1555.8	1898.7	0
33						743.7	873.3	1003.0	1132.6	1262.2	1391.9			1666.5	1910.5	0
34						792.9	931.1	1069.3	1207.6	1345.8	1484.0			1780.8	2036.9	0
35							990.7	1137.7	1284.8	1431.9	1579.0			1898.7	2167.3	0
36							1052.0	1208.2	1364.4	1520.5	1676.7			1989.1	2301.5	0
37							1115.0	1280.6	1446.2	1611.7	1777.3			2145.3	2439.6	0
38							1179.9	1355.1	1530.3	1705.5	1880.7			2274.0	2581.5	0
39							1246.5	1431.6	1616.7	1801.8	1986.9			2406.3	2727.3	0
40								1510.1	1705.4	1900.7	2095.9			2542.2	2877.0	0
41								1590.7	1796.4	2002.1	2207.8			2681.7	3030.5	0
42								1673.3	1889.6	2106.0	2322.4			2755.1	3187.9	0
43								1757.9	1985.2	2212.5	2439.9			2894.5	3349.2	0
44								1844.5	2083.0	2321.6	2560.1			3037.2	3514.3	0
45									2183.2	2433.2	2683.2			3183.2	3683.2	0
46									2285.6	2547.4	2809.1			3332.6	3856.1	0
47									2390.3	2664.1	2937.8			3485.3	3759.0	0
48									2497.3	2783.3	3069.3			3641.3	3927.4	0
49									2606.6	2905.2	3203.7			3800.7	4397.8	0
50									2718.2	3029.5	3340.8			3963.5	4586.1	0
BASIS TREES	0	0	2	97	131	179	244	17	4	2	1	0	0	0	0	

NET SCRIPNER BOARD FOOT VOLUME TO 6 INCH TOP DIA
BLACKJACK PINE
LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.6	.9	1.3	1.6	1.9	2.3										3
8	1.1	2.3	3.5	4.7	6.0	7.4	8.8	10.2									6
9	2.1	4.7	7.3	9.9	12.6	15.4	18.3	21.4	24.5								2
10		7.7	12.0	16.3	20.8	25.5	30.3	35.4	40.6								6
11		11.3	17.5	23.9	30.4	37.3	44.4	51.8	59.5	67.2							3
12		15.2	23.7	32.4	41.4	50.7	60.4	70.5	80.9	91.5							5
13		19.7	30.7	41.9	53.5	65.6	78.2	91.3	104.7	118.4	132.3						3
14		24.5	38.3	52.3	66.8	81.9	97.7	114.0	130.8	147.9	165.2						0
15			46.5	63.6	81.2	99.6	118.8	138.7	159.1	179.9	201.0	222.2					0
16			55.3	75.7	96.7	118.7	141.5	165.2	189.5	214.4	239.5	264.8					3
17			64.8	88.6	113.3	139.0	165.8	193.6	222.1	251.2	280.7	310.4		340.1			3
18			74.8	102.4	131.0	160.7	191.7	223.8	256.8	290.5	324.6	358.9		393.2			6
19			85.5	117.1	149.7	183.7	219.2	255.9	293.6	332.1	371.1	410.3		449.6			3
20				132.5	169.5	208.0	248.2	289.8	332.5	376.2	420.3	464.7		509.2			2
21				148.8	190.4	233.7	278.8	325.5	373.5	422.5	472.1	522.0		572.1		671.9	1
22				166.0	212.3	260.6	310.9	363.0	416.6	471.3	526.6	582.3		638.1		749.5	1
23				183.9	235.3	288.8	344.6	402.4	461.8	522.4	583.7	645.4		707.3		830.8	0
24				202.7	259.3	318.3	379.8	443.5	509.0	575.8	643.4	711.5		779.7		915.8	0
25					284.4	349.1	416.6	486.5	558.3	631.6	705.8	780.4		855.3		1004.6	0
26					310.6	381.3	454.9	531.3	609.7	689.8	770.8	852.3		934.0		1015.7	0
27					337.8	414.7	494.8	577.9	663.2	750.3	838.4	927.1		1016.0		1104.8	0
28					366.0	449.4	536.2	626.3	718.8	813.1	908.7	1004.8		1101.1		1197.4	0
29					393.3	485.4	579.2	676.5	776.4	878.4	981.5	1085.4		1189.5		1293.5	0
30						522.7	623.8	728.5	836.1	945.9	1057.0	1168.9		1281.0		1397.2	0
31						561.3	669.8	782.3	897.9	1015.8	1135.2	1255.3		1375.7		1496.0	0
32						601.2	717.5	837.9	961.8	1088.1	1215.9	1344.6		1473.6		1602.4	0
33						642.4	766.7	895.4	1027.7	1162.7	1299.3	1436.8		1574.6		1712.3	0
34						684.9	817.4	954.6	1095.8	1239.6	1385.3	1531.9		1678.9		1825.7	0
35							869.7	1015.7	1165.9	1319.0	1473.9	1629.9		1786.3		1942.5	0
36							923.5	1078.6	1238.0	1400.6	1565.2	1730.9		1896.9		2062.8	0
37							978.8	1143.3	1312.2	1484.6	1659.1	1834.7		2010.7		2186.6	0
38							1035.8	1209.7	1388.6	1571.0	1755.6	1941.4		2127.7		2313.8	0
39							1094.2	1278.0	1467.0	1659.7	1854.7	2051.1		2247.8		2444.5	0
40								1348.1	1547.0	1750.7	1956.5	2163.6		2371.2		2578.6	0
41								1420.1	1630.0	1844.2	2060.9	2279.1		2497.7		2716.2	0
42								1493.8	1714.7	1939.9	2167.9	2397.4		2627.4		2857.3	0
43								1569.3	1801.4	2038.0	2277.6	2518.7		2760.3		3001.8	0
44								1646.7	1890.2	2138.5	2389.8	2642.8		2896.4		3149.8	0
45									1981.0	2241.3	2504.7	2769.9		3035.7		3301.2	0
46									2074.0	2346.4	2622.3	2899.9		3178.1		3456.2	0
47									2169.0	2453.9	2742.4	3032.7		3323.7		3614.5	0
48									2266.1	2563.8	2865.2	3168.5		3472.5		3776.4	0
49									2365.3	2676.0	2990.6	3307.2		3624.5		3941.7	0
50									2466.5	2790.6	3118.6	3448.8		3779.7		4110.4	0

BASIS
TREES

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DBH
BLACKJACK PINE
COCONINO N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.7	1.1	1.5	1.8	2.2	2.6										27
8	1.2	2.7	4.1	5.5	7.0	8.4	9.9										34
9	2.5	5.5	8.5	11.5	14.5	17.5	20.5	11.3									28
10		9.0	14.0	19.0	24.0	28.9	33.9	23.5	26.6								34
11		13.2	20.5	27.8	35.0	42.3	49.5	38.9	43.8								17
12		17.8	27.8	37.6	47.5	57.3	67.1	56.8	64.0	71.3							26
13		23.0	35.8	48.6	61.3	73.9	86.5	76.9	86.7	96.5							11
14		28.6	44.6	60.5	76.3	92.0	107.6	99.1	111.7	124.3							17
15			54.1	73.3	92.4	111.4	130.2	123.1	138.7	154.5							10
16			64.3	87.1	109.7	132.0	154.2	148.9	167.8	186.8							10
17			75.1	101.7	128.0	153.9	179.6	176.3	198.6	221.3							10
18			86.6	117.2	147.3	176.9	206.2	205.3	231.3	257.9							10
19			98.7	133.5	167.5	201.0	234.2	235.7	265.8	296.7							5
20				150.6	188.7	226.1	263.2	267.6	302.0	337.6							6
21				168.4	210.8	252.2	293.5	301.0	340.0	380.7							4
22				187.0	233.6	279.2	324.9	335.8	379.9	426.1							3
23				206.3	257.3	307.1	357.4	409.9	465.4	523.7							7
24				226.3	281.7	335.8	391.0	449.2	511.1	576.0							1
25					306.7	365.4	425.9	490.2	558.8	630.7							4
26					332.5	395.9	461.9	532.9	608.7	687.8							2
27					358.8	427.2	499.3	577.3	660.5	747.3							0
28					385.7	459.3	537.9	623.4	714.5	809.2							0
29					413.3	492.4	577.9	671.3	770.6	873.4							0
30						526.3	619.3	721.0	828.9	940.1							0
31						561.3	662.2	772.6	889.2	1009.1							0
32						597.2	706.5	825.9	951.7	1080.5							0
33						634.3	752.4	881.2	1016.2	1154.3							0
34						672.4	799.8	938.2	1082.9	1230.5							0
35						711.7	848.7	997.2	1151.7	1309.0							0
36							899.3	1057.9	1222.6	1389.8							0
37								1120.5	1295.5	1473.0							0
38								1251.2	1447.7	1646.5							0
39								1319.3	1526.9	1736.8							0
40								1389.2	1608.2	1829.4							0
41								1460.9	1691.5	1924.3							0
42								1534.5	1777.0	2021.6							0
43								1609.8	1864.4	2121.2							0
44									1954.0	2223.1							0
45									2045.6	2327.4							0
46									2139.2	2434.0							0
47									2234.9	2543.0							0
48									2332.7	2654.3							0
49									2432.5	2767.9							0
50																	0

BASIS
TREES

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DBH
BLACKJACK PINE
TONIO N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.7	1.1	1.4	1.8	2.1	2.4									29
8	1.2	2.7	4.1	5.5	6.8	8.1	9.3	10.6								36
9	2.5	5.5	8.5	11.4	14.2	16.8	19.4	22.1	24.8							31
10		9.1	14.0	18.8	23.4	27.8	32.1	36.5	41.2							43
11		13.2	20.4	27.5	34.3	40.8	47.1	53.5	60.3	67.6						35
12		17.9	27.8	37.3	46.6	55.4	64.1	72.8	82.1	92.0						28
13		23.1	35.9	48.3	60.3	71.7	82.9	94.3	106.3	119.0	132.4					23
14		28.8	44.7	60.3	75.2	89.6	103.5	117.7	132.7	148.7	165.5					18
15			54.3	73.2	91.5	108.9	125.9	143.2	161.4	180.9	201.3	222.2				16
16			64.6	87.2	108.9	129.7	150.0	170.6	192.3	215.5	239.8	264.8				10
17			75.7	102.1	127.6	152.0	175.7	199.9	225.4	252.6	281.1	310.3				15
18			87.4	118.0	147.5	175.7	203.2	231.1	260.6	292.1	325.0	358.8	393.1			7
19			99.9	134.9	168.6	200.8	232.3	264.2	298.0	333.9	371.6	410.3	449.4	488.7		4
20				152.7	190.9	227.4	263.0	299.2	337.4	378.2	420.8	464.7	509.0	553.5	671.7	3
21				171.5	214.3	255.4	295.4	336.1	379.0	424.8	472.7	522.0	571.8	621.8	749.2	5
22				191.2	239.0	284.8	329.5	374.8	422.7	473.8	527.3	582.2	637.8	693.5	830.5	2
23				211.9	264.9	315.7	365.2	415.4	468.6	525.2	584.4	645.3	706.9	768.8	915.5	0
24				233.5	292.0	348.0	402.5	457.9	516.5	578.9	644.3	711.4	779.3	847.5	915.5	0
25					320.2	381.7	441.5	502.3	566.6	635.0	706.7	780.3	854.9	929.6	1004.3	0
26					349.7	416.8	482.1	548.5	618.7	693.5	771.8	852.2	933.6	1015.5	1096.8	1
27					380.3	453.3	524.4	596.6	673.0	754.3	839.5	927.0	1015.5	1104.3	1193.0	0
28					412.1	491.2	568.3	646.6	729.4	817.5	909.8	1004.7	1100.6	1196.9	1293.0	0
29					445.1	530.6	613.8	698.4	787.8	883.1	982.8	1085.2	1188.9	1292.9	1396.8	0
30						571.4	661.0	752.1	848.4	951.0	1058.4	1168.7	1280.4	1392.4	1504.3	0
31						613.6	709.9	807.7	911.1	1021.3	1136.6	1255.1	1375.0	1495.3	1615.5	0
32						657.2	760.3	865.2	975.9	1093.9	1217.5	1344.4	1472.9	1601.7	1730.4	0
33						702.2	812.5	924.5	1042.0	1168.9	1301.0	1436.6	1573.9	1711.6	1849.1	0
34						748.7	866.2	985.7	1111.9	1246.3	1387.1	1531.7	1678.1	1824.9	1971.5	0
35							921.6	1048.7	1183.0	1326.0	1475.9	1629.7	1785.5	1941.7	2097.7	0
36							978.7	1113.6	1256.2	1408.1	1567.2	1730.7	1896.0	2061.9	2227.6	0
37							1037.3	1180.4	1331.6	1492.6	1661.3	1834.5	2009.8	2185.6	2361.2	0
38							1097.7	1249.0	1409.0	1578.4	1757.9	1941.2	2126.7	2312.8	2498.6	0
39							1159.6	1319.6	1488.6	1668.6	1857.2	2050.8	2243.4	2439.7	2639.7	0
40								1391.9	1570.3	1760.1	1959.1	2163.3	2370.1	2577.5	2784.6	0
41								1466.2	1654.0	1854.0	2063.6	2278.8	2496.5	2715.0	2933.2	0
42								1542.3	1739.9	1950.3	2170.7	2397.1	2626.2	2856.0	3085.5	0
43								1620.3	1827.9	2048.9	2280.5	2518.3	2759.0	3000.5	3241.6	0
44								1700.2	1918.0	2149.9	2392.9	2642.5	2895.0	3148.4	3401.4	0
45									2104.5	2359.0	2625.7	2899.5	3176.6	3454.6	3732.3	0
46									2200.9	2467.1	2746.0	3032.2	3322.9	3612.9	3903.3	0
47									2299.4	2577.5	2868.9	3168.1	3470.9	3774.7	4078.1	0
48									2400.1	2690.3	2994.5	3306.8	3622.8	3939.9	4256.6	0
49									2502.8	2805.5	3122.7	3448.3	3777.9	4108.6	4438.8	0
50																0
BASIS TREES	0	.3	27	75	123	52	21	12	6	0	1	0	0	0	0	0

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES

BLACKJACK PINE

SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.1	.1	.1	.1	.2	.2	.2	.7								0
2	.1	.2	.3	.4	.5	.5	.6	1.3	1.7							0
3	.2	.4	.6	.8	1.0	1.2	1.3	2.7	3.0							0
4	.4	.7	1.0	1.4	1.7	2.0	2.3	4.1	4.7	5.2						0
5	.6	1.1	1.6	2.1	2.6	3.1	3.6	6.0	6.7	7.4						5
6	.8	1.5	2.3	3.0	3.7	4.5	5.2	8.1	9.1	10.1	11.1					5
7	1.1	2.1	3.1	4.1	5.1	6.1	7.1	10.5	11.9	13.2	14.5					16
8	1.4	2.7	4.0	5.3	6.6	7.9	9.2	13.3	15.0	16.7	18.3	20.0				20
9	1.7	3.4	5.0	6.7	8.3	10.0	11.7	16.4	18.5	20.5	22.6	24.6				20
10		4.1	6.2	8.2	10.3	12.3	14.4	19.9	22.4	24.8	27.3	29.8	32.3			13
11		5.0	7.5	10.0	12.4	14.9	17.4	23.7	26.6	29.6	32.5	35.5	38.4			15
12		6.0	8.9	11.9	14.8	17.8	20.7	27.8	31.2	34.7	38.2	41.6	45.1			23
13		7.0	10.4	13.9	17.4	20.8	24.3	32.2	36.2	40.2	44.2	48.3	52.3	48.5		17
14		8.1	12.1	16.1	20.1	24.2	28.2	36.9	41.6	46.2	50.8	55.4	60.0	56.3		18
15			13.9	18.5	23.1	27.7	32.3	42.0	47.3	52.5	57.8	63.0	68.3	64.6	69.2	13
16			15.8	21.0	26.3	31.5	36.8	47.4	53.4	59.3	65.2	71.1	77.1	73.5	78.8	10
17			17.8	23.7	29.7	35.6	41.5	53.2	59.8	66.5	73.1	79.7	86.4	83.0	89.9	11
18			20.0	26.6	33.3	39.9	46.5	58.2	66.6	74.0	81.4	88.8	96.2	93.0	99.7	13
19			22.2	29.6	37.0	44.4	51.8	63.6	73.8	82.0	90.2	98.4	106.6	103.6	111.0	3
20				32.8	41.0	49.2	57.4	69.5	81.4	90.4	99.5	108.5	117.6	114.8	123.0	5
21				36.2	45.2	54.3	63.3	72.4	89.3	99.3	109.2	119.1	129.0	126.6	135.6	4
22				39.7	49.7	59.6	69.5	79.4	89.3	108.5	119.3	130.2	141.0	138.9	148.9	1
23				43.4	54.3	65.1	75.9	86.8	97.6	108.5	119.3	130.2	141.0	151.8	162.7	3
24				47.3	59.1	70.9	82.7	94.5	106.3	118.1	129.9	141.7	153.5	165.3	177.1	0
25					64.1	76.9	89.7	102.5	115.3	128.2	141.0	153.8	166.6	179.4	192.2	1
26					69.3	83.2	97.0	110.9	124.8	138.6	152.5	166.3	180.2	194.0	207.9	1
27					74.8	89.7	104.6	119.6	134.5	149.5	164.4	179.4	194.3	209.2	224.2	0
28					80.4	96.5	112.5	128.6	144.7	160.7	176.8	192.9	209.0	225.0	241.1	0
29					86.2	103.5	120.7	138.0	155.2	172.4	189.7	206.9	224.1	241.4	258.6	0
30						110.7	129.2	147.6	166.1	184.5	203.0	221.4	239.9	258.3	276.8	0
31						118.2	137.9	157.6	177.3	197.0	216.7	236.4	256.1	275.8	295.5	0
32						126.0	147.0	168.0	188.9	209.9	230.9	251.9	272.9	293.9	314.9	0
33						134.0	156.3	178.6	200.9	223.3	245.6	267.9	290.2	312.5	334.9	0
34						142.2	165.9	189.6	213.3	237.0	260.7	284.4	308.1	331.8	355.5	0
35							175.8	200.9	226.0	251.1	276.2	301.4	326.5	351.6	376.7	0
36							186.0	212.6	239.1	265.7	292.3	318.8	345.4	371.9	398.5	0
37							196.5	224.5	252.6	280.7	308.7	336.8	364.8	392.9	421.0	0
38							207.2	236.8	266.4	296.0	325.6	355.2	384.8	414.4	444.0	0
39							218.3	249.5	280.6	311.8	343.0	374.2	405.3	436.5	467.7	0
40								262.4	295.2	328.0	360.8	393.6	426.4	459.2	492.0	0
41								275.7	310.1	344.6	379.1	413.5	448.0	482.4	516.9	0
42								289.3	325.5	361.6	397.8	433.9	470.1	506.2	542.4	0
43								303.2	341.1	379.0	416.9	454.8	492.7	530.6	568.5	0
44								317.5	357.2	396.9	436.5	476.2	515.9	555.6	595.3	0
45								373.6	415.1	456.6	498.1	539.6	581.1	622.6	664.1	0
46								390.4	433.8	477.1	520.5	563.9	607.2	650.6	693.9	0
47								407.5	452.8	498.1	543.4	588.7	633.9	679.2	724.5	0
48								425.1	472.3	519.5	566.7	614.0	661.2	708.4	755.7	0
49								443.0	492.2	541.4	590.6	639.8	689.0	738.2	787.5	0
50								461.2	512.5	563.7	615.0	666.2	717.4	768.7	819.9	0
BASIS TREES	0	9	38	50	45	37	22	13	4	2	0	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES									
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150					
1	.1																			
2	.1	.2																		
3	.2	.4																		
4	.4	.7																		
5	.6	1.1	.6	1.3																
6	.8	1.5	2.2	2.9	2.5	4.3														
7	1.0	2.0	3.0	4.0	5.0	5.9	6.9													
8	1.4	2.6	3.9	5.2	6.5	7.8	9.0													
9	1.7	3.3	5.0	6.6	8.2	9.8	11.4	10.3												
10		4.1	6.1	8.1	10.1	12.1	14.1	13.0	14.6											
11		5.0	7.4	9.9	12.3	14.7	17.1	16.1	18.0	24.2										
12		5.9	8.8	11.7	14.6	17.5	20.3	19.5	21.8	28.8										
13		6.9	10.3	13.7	17.1	20.5	23.9	23.2	26.0	33.8										
14		8.0	12.0	15.9	19.9	23.8	27.7	27.2	30.5	39.1										
15			13.8	18.3	22.8	27.3	31.7	31.5	35.3	44.9	37.0									
16			15.6	20.8	25.9	31.0	36.1	41.1	46.1	51.0	42.9	53.5								
17			17.6	23.5	29.3	35.0	40.7	46.4	52.0	57.6	49.2	60.8								
18			19.8	26.3	32.8	39.2	45.6	51.9	58.2	64.5	55.9	68.5								
19			22.0	29.3	36.5	43.7	50.8	57.8	64.8	71.8	63.1	76.8	74.0							
20				32.4	40.4	48.3	56.2	64.0	71.7	79.4	70.6	85.5	82.9							
21				35.7	44.5	53.2	61.9	70.5	79.0	87.5	78.6	94.7	92.3	99.1						
22				39.2	48.8	58.4	67.9	77.3	86.7	96.0	88.1	104.4	102.7	109.8	129.4					
23				42.8	53.3	63.7	74.1	84.4	94.6	104.9	96.0	114.5	112.7	121.1	142.2					
24				46.6	58.0	69.3	80.6	91.8	103.0	114.2	104.9	125.2	135.4	145.5	155.6					
25					62.9	75.2	87.4	99.6	111.7	123.9	114.2	136.4	147.5	158.6	169.6					
26					67.9	81.2	94.4	107.6	120.8	134.0	123.9	148.1	160.1	172.2	184.2					
27					73.2	87.5	101.8	116.0	130.3	144.5	134.0	160.2	173.3	186.4	199.5					
28					78.6	94.0	109.4	124.8	140.1	155.4	144.5	172.9	187.1	201.2	215.4					
29					84.3	100.8	117.3	133.8	150.3	166.8	155.4	186.0	201.3	216.6	231.8					
30						107.8	125.5	143.2	160.9	178.5	166.8	199.7	216.1	232.5	248.9					
31						115.1	134.0	152.9	171.8	190.7	178.5	213.8	231.4	249.0	266.6					
32						122.6	142.8	162.9	183.1	203.2	190.7	228.4	247.2	266.1	284.8					
33						130.3	151.8	173.3	194.8	216.2	203.2	243.5	263.6	283.7	303.7					
34						138.3	161.1	184.0	206.8	229.6	216.2	259.1	280.5	301.8	323.2					
35							170.8	195.0	219.2	243.4	229.6	275.1	297.9	320.6	343.3					
36							180.7	206.3	231.9	257.5	243.4	291.7	315.8	339.9	363.9					
37							190.9	218.0	245.1	272.1	257.5	308.7	334.2	359.7	385.2					
38							201.3	229.9	258.5	287.1	272.1	326.2	353.2	380.2	407.1					
39							212.1	242.2	272.4	302.5	287.1	344.2	372.7	401.1	429.6					
40								254.9	286.6	318.3	302.5	362.6	392.7	422.7	452.6					
41								267.8	301.1	334.5	318.3	381.6	413.2	444.8	476.3					
42								281.1	316.1	351.0	334.5	401.0	434.2	467.4	500.6					
43								294.7	331.3	368.0	351.0	420.9	455.8	490.6	525.5					
44								308.6	347.0	385.4	368.0	441.3	477.8	514.4	550.9					
45									363.0	403.2	385.4	462.1	500.4	538.7	577.0					
46									379.4	421.4	403.2	483.5	523.6	563.6	603.7					
47									396.1	439.9	421.4	505.3	547.2	589.1	630.9					
48									413.2	458.9	439.9	527.6	571.3	615.1	658.8					
49									430.6	478.3	458.9	550.3	596.0	641.7	687.3					
50									448.4	498.1	478.3	573.6	621.2	668.8	716.3					
											547.7	597.3	646.9	696.5	746.0					

BASIS
TREES

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS FO	90	100	110	120	130	140	150	BASIS TREES
5	.2	.3	.5	.6	.8											5
6	.5	.9	1.4	1.8	2.3	2.7	5.4	8.9								5
7	.7	1.5	2.3	3.1	3.8	4.6	7.8									16
8	1.0	2.1	3.3	4.4	5.5	6.6	10.3	11.8	13.3							20
9	1.3	2.8	4.3	5.8	7.3	8.8	13.1	15.0	17.0							18
10		3.5	5.4	7.4	9.3	11.2	16.2	18.5	20.9							15
11		4.3	6.7	9.1	11.4	13.8	19.4	22.3	25.1	23.2						22
12		5.2	8.0	10.9	13.7	16.6	23.0	26.4	29.7	28.0						17
13		6.1	9.5	12.9	16.2	19.6	26.8	30.7	34.7	33.1	36.5					13
14		7.1	11.0	15.0	18.9	22.8	30.9	35.4	39.9	38.6	42.5					18
15			12.7	17.2	21.8	26.3	35.2	40.4	45.6	44.5	49.0					13
16			14.5	19.7	24.8	30.0	39.8	45.7	51.5	50.7	55.9					10
17			16.4	22.2	28.1	34.0	44.7	51.3	57.9	57.4	63.3					13
18			18.4	24.9	31.5	38.1	49.9	57.2	64.6	64.5	71.0					11
19			20.5	27.8	35.2	42.5	55.3	63.4	71.6	71.9	79.3					13
20				30.8	39.0	47.1	55.3	63.4	71.6	79.7	87.9					3
21				34.0	43.0	52.0	61.0	70.0	79.0	88.0	97.0					5
22				37.3	47.2	57.1	67.0	76.9	86.7	96.6	106.5					4
23				40.8	51.6	62.4	73.2	84.0	94.8	105.6	116.4					1
24				44.4	56.2	68.0	79.8	91.5	103.3	115.1	126.8					3
25					61.0	73.8	86.6	99.3	112.1	124.9	137.7					0
26					66.0	79.8	93.6	107.5	121.3	135.1	148.9					1
27					71.2	86.1	101.0	115.9	130.8	145.7	160.6					1
28					76.5	92.6	108.6	124.7	140.7	156.8	172.8					0
29					82.1	99.3	116.5	133.7	151.0	168.2	185.4					0
30						106.6	124.7	143.1	161.6	180.0	198.4					0
31						113.5	133.2	152.9	172.5	192.2	211.9					0
32						121.0	141.9	162.9	183.9	204.8	225.8					0
33						128.6	150.9	173.2	195.5	217.8	240.1					0
34						136.6	160.2	183.9	207.6	231.2	254.9					0
35							169.8	194.9	220.0	245.1	270.2					0
36							179.6	206.2	232.7	259.3	285.8					0
37							189.8	217.8	245.8	273.9	301.9					0
38							200.2	229.7	259.3	288.9	318.5					0
39							210.8	242.0	273.2	304.3	335.5					0
40								254.6	287.3	320.1	352.9					0
41								267.5	301.9	336.3	370.8					0
42								280.7	316.8	352.9	389.1					0
43								294.2	332.1	370.0	407.8					0
44								308.0	347.7	387.4	427.0					0
45								363.7	405.2	446.7	488.2					0
46								380.0	423.4	466.7	510.1					0
47								396.7	442.0	487.3	532.5					0
48								413.8	461.0	508.2	555.4					0
49								431.2	480.4	529.6	578.8					0
50								449.0	500.2	551.5	602.7					0
BASIS TREES	0	9	38	49	45	37	22	13	4	?	0	0	0	0	0	0

NFT CUBIC FOOT VOLUME TO TOP DBH OF 4 INCHES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
5	.2	.3	.5	.6	.7												5
6	.5	.9	1.3	1.8	2.2	2.7											5
7	.7	1.5	2.2	3.0	3.8	4.5	5.2										18
8	1.0	2.1	3.2	4.3	5.4	6.5	7.6										25
9	1.3	2.8	4.3	5.7	7.2	8.7	10.1	8.6									25
10		3.5	5.4	7.3	9.1	11.0	12.9	11.5	13.0								19
11		4.3	6.6	9.0	11.3	13.6	15.9	18.1	20.4	22.6							28
12		5.1	8.0	10.8	13.6	16.3	19.1	21.8	24.5	27.2							23
13		6.1	9.4	12.7	16.0	19.3	22.6	25.8	29.0	32.2							26
14		7.1	10.9	14.8	18.7	22.5	26.3	30.1	33.9	37.6							19
15			12.6	17.1	21.5	25.9	30.3	34.7	39.0	43.3			51.7				13
16			14.4	19.5	24.5	29.6	34.6	39.6	44.5	49.4			59.0				14
17			16.2	22.0	27.7	33.4	39.1	44.7	50.3	55.8			66.7				15
18			18.2	24.7	31.1	37.5	43.9	50.2	56.5	62.7			74.9				7
19			20.3	27.5	34.7	41.8	48.9	56.0	62.9	69.9			83.5				5
20				30.5	38.5	46.4	54.2	62.0	69.7	77.4			92.6		97.1		4
21				33.6	42.4	51.1	59.8	68.4	76.9	85.4			102.2		107.7		4
22				36.9	46.5	56.1	65.6	75.0	84.4	93.7			112.3		118.9		1
23				40.3	50.8	61.3	71.7	82.0	92.3	102.5			122.9		130.7		3
24				43.9	55.3	66.7	78.0	89.3	100.5	111.6			133.9		143.1		0
25					60.0	72.3	84.6	96.8	109.0	121.2			145.4		156.1		1
26					64.9	78.2	91.5	104.7	117.9	131.1			157.4		169.6		1
27					69.9	84.3	98.6	112.9	127.2	141.5			169.9		183.7		1
28					75.1	90.6	106.1	121.5	136.9	152.2			182.9		198.3		0
29					80.6	97.2	113.8	130.3	146.9	163.4			196.4		212.5		0
30						104.0	121.7	139.5	157.2	174.9			210.3		229.3		0
31						111.0	130.0	149.0	167.9	186.9			224.7		245.6		0
32						118.2	138.5	158.8	179.0	199.2			239.6		262.5		0
33						125.7	147.3	168.9	190.4	212.0			255.0		279.9		0
34						133.5	156.4	179.3	202.2	225.1			270.8		297.9		0
35							165.7	190.1	214.4	238.6			287.1		316.4		0
36							175.4	201.1	226.9	252.6			303.9		335.5		0
37							185.3	212.5	239.7	266.9			321.2		355.1		0
38							195.5	224.2	252.9	281.6			338.9		375.3		0
39							205.9	236.2	266.5	296.7			357.1		396.1		0
40								248.5	280.4	312.2			375.8		417.4		0
41								261.1	294.6	328.1			407.5		439.2		0
42								274.1	309.2	344.4			428.3		461.6		0
43								287.3	324.2	361.0			449.5		484.5		0
44								300.9	339.5	378.1			455.2		508.1		0
45									355.2	395.6			476.2		532.1		0
46									371.2	413.4			497.7		556.7		0
47									387.6	431.6			519.7		581.9		0
48									404.3	450.3			542.1		607.6		0
49									421.4	469.3			565.0		633.9		0
50									438.8	488.7			571.2		660.7		0
													588.4		688.0		0

BASIS
TREES

GROSS CUBIC FOOT VOLUME TO TOP OF 6 INCHES--UNFORKED TREES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	.2	.4	.7	.9	1.2	1.4	1.7									13
8	.6	1.3	1.9	2.6	3.3	4.0	4.7	5.4								20
9	.9	2.1	3.2	4.3	5.5	6.6	7.8	8.9								18
10		2.9	4.5	6.1	7.7	9.3	10.9	12.5	10.0							15
11		3.8	5.9	8.0	10.1	12.2	14.3	16.4	14.1							22
12		4.7	7.3	9.9	12.5	15.2	17.8	20.4	18.4	20.5						17
13		5.7	8.8	12.0	15.2	18.3	21.5	24.7	23.0	25.6						18
14		6.7	10.5	14.2	18.0	21.7	25.5	29.2	33.0	36.7	34.2					18
15			12.2	16.6	20.9	25.3	29.7	34.0	38.4	42.8	47.1	51.5				13
16			14.0	19.0	24.1	29.1	34.1	39.1	44.2	49.2	54.2	59.3				10
17			15.9	21.7	27.4	33.1	38.8	44.6	50.3	56.0	61.7	67.4	73.2			11
18			18.0	24.4	30.9	37.3	43.8	50.3	56.7	63.2	69.6	76.1	82.5			13
19			20.1	27.3	34.6	41.8	49.0	56.3	63.5	70.7	77.9	85.2	92.4			3
20				30.4	38.4	46.5	54.5	62.6	70.6	78.6	86.7	94.7	102.8	99.6		5
21				33.6	42.5	51.4	60.3	69.2	78.1	87.0	95.8	104.7	113.6	122.5	131.4	4
22				36.9	46.7	56.5	66.3	76.1	85.9	95.7	105.4	115.2	125.0	134.8	144.6	1
23				40.5	51.2	61.9	72.6	83.3	94.0	104.7	115.5	126.2	136.9	147.6	158.3	3
24				44.1	55.8	67.5	79.2	90.9	102.5	114.2	125.9	137.6	149.3	161.0	172.7	0
25					60.6	73.3	86.0	98.7	111.4	124.1	136.8	149.5	162.2	174.9	187.6	1
26					65.6	79.4	93.1	106.9	120.6	134.4	148.1	161.9	175.6	189.4	203.1	1
27					70.8	85.7	100.5	115.3	130.2	145.0	159.9	174.7	189.6	204.4	219.2	0
28					76.2	92.2	108.2	124.1	140.1	156.1	172.1	188.0	204.0	220.0	236.0	0
29					81.8	98.9	116.1	133.2	150.4	167.5	184.7	201.8	219.0	236.1	253.3	0
30						105.9	124.3	142.7	161.0	179.4	197.7	216.1	234.5	252.8	271.2	0
31						113.2	132.8	152.4	172.0	191.6	211.2	230.9	250.5	270.1	289.7	0
32						120.6	141.5	162.5	183.4	204.3	225.2	246.1	267.0	287.9	308.8	0
33						128.3	150.6	172.8	195.1	217.3	239.6	261.8	284.1	306.3	328.5	0
34						136.3	159.9	183.5	207.1	230.8	254.4	278.0	301.6	325.2	348.9	0
35							169.5	194.5	219.5	244.6	269.6	294.7	319.7	344.7	369.8	0
36							179.3	205.8	232.3	258.8	285.3	311.8	338.3	364.8	391.3	0
37							189.5	217.5	245.5	273.4	301.4	329.4	357.4	385.4	413.4	0
38							199.9	229.4	258.9	288.5	318.0	347.6	377.1	406.6	436.2	0
39							210.6	241.7	272.8	303.9	335.0	366.1	397.3	428.4	459.5	0
40								254.3	287.0	319.7	352.5	385.2	418.0	450.7	483.4	0
41								267.2	301.6	336.0	370.4	404.8	439.2	473.6	508.0	0
42								280.4	316.5	352.6	388.7	424.8	460.9	497.0	533.1	0
43								293.9	331.8	369.6	407.5	445.3	483.2	521.0	558.9	0
44								307.8	347.4	387.0	426.7	466.3	505.9	545.6	585.2	0
45								363.4	404.9	446.3	487.8	529.2	570.7	612.1	653.6	0
46								379.7	423.1	466.4	509.7	553.1	596.4	639.7	683.0	0
47								396.5	441.7	486.9	532.2	577.4	622.6	667.9	713.2	0
48								413.5	460.7	507.9	555.1	602.3	649.4	696.6	743.8	0
49								431.0	480.1	529.3	578.5	627.6	676.8	726.0	776.0	0
50								448.7	500.0	551.2	602.4	653.6	704.8	756.0	807.2	0
BASIS TREES	0	5	31	49	45	37	22	13	4	2	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DBH OF 6 INCHES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.2	.4	.7	.9	1.2	1.4	1.6									13
8	.6	1.2	1.9	2.6	3.3	4.0	4.6	5.3								25
9	.9	2.0	3.2	4.3	5.4	6.5	7.7	8.8	9.9							25
10		2.9	4.5	6.1	7.6	9.2	10.8	12.4	13.9							19
11		3.7	5.8	7.9	10.0	12.0	14.1	16.1	18.2	20.2						28
12		4.7	7.2	9.8	12.4	15.0	17.5	20.1	22.6	25.2						23
13		5.6	8.8	11.9	15.0	18.1	21.2	24.3	27.4	30.4	33.5					26
14		6.7	10.4	14.1	17.8	21.4	25.1	28.7	32.4	36.0	39.6					19
15			12.1	16.4	20.7	24.9	29.2	33.4	37.7	41.9	46.1	50.2				13
16			13.9	18.8	23.7	28.7	33.5	38.4	43.3	48.1	52.9	57.7	71.0			15
17			15.8	21.4	27.0	32.6	38.1	43.7	49.2	54.6	60.1	65.5	79.9	96.1		7
18			17.8	24.1	30.4	36.7	43.0	49.2	55.4	61.5	67.7	73.8	89.3	106.8	126.4	5
19			19.9	27.0	34.0	41.0	48.0	55.0	61.9	68.8	75.6	82.5	99.2	118.0	139.0	4
20				29.9	37.8	45.6	53.3	61.0	68.7	76.3	84.0	91.6	109.6	129.7	152.2	1
21				33.1	41.7	50.3	58.9	67.4	75.8	84.3	92.7	101.2	120.5	142.0	166.0	3
22				36.3	45.8	55.3	64.6	74.0	83.1	92.6	101.9	111.2	131.8	154.9	180.4	1
23				39.8	50.1	60.4	70.7	80.9	91.1	101.3	111.5	121.6	143.7	168.2	195.3	3
24				43.3	54.6	65.8	77.0	88.1	99.2	110.3	121.5	132.6	156.1	182.2	210.9	0
25					59.2	71.4	83.5	95.6	107.7	119.8	131.9	144.0	169.0	196.7	227.0	1
26					64.0	77.2	90.3	103.4	116.5	129.6	142.8	155.9	182.4	211.7	243.3	0
27					69.0	83.2	97.4	111.5	125.7	139.9	154.0	168.2	196.4	227.2	261.0	0
28					74.2	89.4	104.7	119.9	135.2	150.5	165.8	181.1	210.8	241.2	278.8	0
29					79.5	95.9	112.3	128.7	145.1	161.5	177.9	194.3	225.7	257.1	297.3	0
30						102.6	120.3	137.7	155.3	172.9	190.5	208.1	241.2	273.6	313.3	0
31						109.5	128.3	147.0	165.8	184.7	203.5	222.3	260.5	294.9	335.9	0
32						116.6	136.7	156.7	176.8	196.8	216.9	237.0	280.0	325.9	376.9	0
33						124.0	145.3	166.7	188.0	209.4	230.8	252.2	297.1	344.4	398.2	0
34						131.6	154.3	176.9	199.6	222.4	245.1	267.8	313.2	363.3	420.1	0
35							163.5	187.5	211.6	235.7	259.8	283.9	337.9	391.7	442.6	0
36							173.0	198.4	223.9	249.4	274.9	300.4	355.9	409.4	465.7	0
37							182.7	209.7	236.6	263.5	290.5	317.4	371.4	424.2	480.4	0
38							192.8	221.2	249.6	278.0	306.5	334.9	388.8	444.2	500.4	0
39							203.1	233.0	263.0	292.9	322.9	352.8	407.7	463.3	519.7	0
40								245.1	276.7	308.2	339.7	371.2	423.2	478.9	538.5	0
41								257.6	290.7	323.9	357.0	390.1	444.2	500.4	558.9	0
42								270.3	305.1	339.9	374.7	409.4	463.3	519.7	579.9	0
43								283.4	319.9	356.3	392.8	429.2	483.7	538.5	598.9	0
44								296.8	335.0	373.1	411.3	449.5	503.1	558.9	616.5	0
45									350.4	390.3	430.3	470.2	524.1	579.9	637.7	0
46									366.2	407.9	449.6	491.4	545.6	600.2	657.5	0
47									382.3	425.9	469.5	513.0	566.6	626.0	683.7	0
48									398.8	444.2	489.7	535.1	588.6	646.0	703.8	0
49									415.6	463.0	510.3	557.7	605.1	652.4	709.8	0
50									432.7	482.1	531.4	580.8	630.1	679.4	728.7	0
BASIS TREES	0	15	47	66	62	48	24	15	4	2	0	0	0	0	0	0

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIA-UNFORKED TREES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	3	.6	.9	1.3	1.6	1.9	2.3									13
8	1.5	3.4	5.2	7.1	8.9	10.8	12.6	14.5								20
9	3.3	7.5	11.6	15.7	19.8	23.9	28.0	32.1	36.3							18
10		12.4	19.3	26.2	33.0	39.9	46.8	53.6	60.5							15
11		18.1	28.1	38.1	48.1	58.1	68.2	78.2	88.2							22
12		24.3	37.8	51.3	64.8	78.4	91.9	105.4	118.9	98.2						17
13		31.1	48.4	65.8	83.1	100.4	117.7	135.1	152.4	169.7	187.1					18
14		38.5	59.9	81.4	102.8	124.3	145.7	167.2	188.6	210.1	231.5					18
15			72.2	98.1	124.0	149.9	175.8	201.6	227.5	253.4	279.3					13
16			85.3	116.0	146.6	177.2	207.8	238.5	269.1	299.7	330.3	305.2				10
17			99.3	135.0	170.6	206.3	242.0	277.6	313.3	349.0	384.6	420.3	456.0			11
18			114.1	155.1	196.1	237.1	278.2	319.2	360.2	401.2	442.2	483.2	524.2			13
19			129.7	176.4	223.1	269.7	316.4	363.0	409.7	456.4	503.0	549.7	596.3	643.0		3
20				198.8	251.4	304.0	356.7	409.3	461.9	514.5	567.1	619.7	672.3	724.9	870.0	6
21				222.4	281.2	340.1	399.0	457.9	516.7	575.6	634.5	693.3	752.2	811.1	966.9	4
22				247.1	312.5	378.0	443.4	508.8	574.3	639.7	705.1	770.6	836.0	901.4		1
23				272.9	345.2	417.5	489.9	562.2	634.5	706.8	779.1	851.4	923.7	996.0	1068.3	3
24				299.9	379.4	458.9	538.4	617.9	697.3	776.8	856.3	935.8	1015.3	1094.7	1174.2	3
25					415.1	502.0	589.0	676.0	762.9	849.9	936.8	1023.8	1110.8	1197.7	1284.7	0
26					452.2	546.9	641.7	736.4	831.2	925.9	1020.7	1115.4	1210.2	1304.9	1399.7	1
27					490.7	593.6	696.4	799.3	902.1	1005.0	1107.8	1210.7	1313.5	1416.4	1519.2	0
28					530.8	642.0	753.3	864.5	975.8	1087.0	1198.3	1309.5	1420.8	1532.1	1643.3	0
29					572.3	692.2	812.2	932.2	1052.1	1172.1	1292.1	1412.0	1532.0	1652.0	1771.9	0
30						744.2	873.2	1002.2	1131.2	1260.2	1389.2	1518.2	1647.1	1776.1	1905.1	0
31						798.0	936.3	1074.6	1212.9	1351.3	1489.6	1627.9	1766.2	1904.5	2042.9	0
32						853.5	1001.5	1149.5	1297.4	1445.4	1593.3	1741.3	1889.2	2037.2	2185.2	0
33						910.9	1068.8	1226.7	1384.6	1542.5	1700.4	1858.3	2016.2	2174.1	2332.0	0
34						970.0	1138.1	1306.3	1474.5	1642.6	1810.8	1979.0	2147.1	2315.3	2483.5	0
35							1209.6	1388.3	1567.0	1745.8	1924.5	2103.3	2282.0	2460.7	2639.5	0
36							1283.1	1472.7	1662.3	1852.0	2041.6	2231.2	2420.8	2610.4	2800.0	0
37							1358.8	1559.6	1760.4	1961.2	2162.0	2362.8	2563.6	2764.3	2965.1	0
38							1436.5	1648.8	1861.1	2073.4	2285.7	2498.0	2710.3	2922.6	3134.8	0
39							1516.3	1740.4	1964.5	2188.6	2412.7	2636.8	2860.9	3085.0	3309.1	0
40								1834.5	2070.7	2306.9	2543.1	2779.3	3015.5	3251.8	3488.0	0
41								1930.9	2179.5	2428.2	2676.8	2925.5	3174.1	3422.8	3671.4	0
42								2029.7	2291.1	2552.5	2813.9	3075.3	3336.6	3598.0	3859.4	0
43								2131.0	2405.4	2679.8	2954.3	3228.7	3503.1	3777.5	4052.0	0
44								2234.7	2522.4	2810.2	3098.0	3385.8	3673.6	3961.3	4249.1	0
45								2642.2	2943.6	3245.1	3546.5	3848.0	4149.4	4450.9	4752.4	0
46								2764.6	3080.0	3395.5	3710.9	4026.3	4341.7	4657.2	4972.7	0
47								2889.8	3219.5	3549.2	3878.9	4208.6	4538.3	4868.1	5197.8	0
48								3017.7	3362.0	3706.3	4050.6	4394.9	4739.2	5083.5	5427.8	0
49								3148.3	3507.5	3866.7	4225.9	4585.1	4944.4	5303.6	5683.1	0
50								3281.6	3656.0	4030.5	4404.9	4779.3	5153.8	5528.2	5907.7	0

BASIS
TREES

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS FO	90	100	110	120	130	140	150	BASIS TREES
7	.2	.6	.9	1.2	1.5	1.8	2.2									14
8	1.5	3.2	5.0	6.7	8.4	10.1	11.9	13.7								25
9	3.2	7.2	11.0	14.8	18.5	22.2	26.0	30.0	34.1							25
10		11.9	18.3	24.5	30.6	36.7	42.9	49.4	56.1							10
11		17.3	26.6	35.5	44.3	52.9	61.8	71.1	80.7	90.8						27
12		23.3	35.7	47.7	59.2	70.7	82.4	94.6	107.5	120.8						23
13		29.8	45.6	60.8	75.5	89.9	104.6	119.9	136.1	153.0	170.4					27
14		36.8	56.3	75.0	92.9	110.4	128.2	146.8	166.4	187.1	208.5					26
15			67.8	90.1	111.4	132.2	153.2	175.2	198.5	223.0	248.6	274.9				19
16			80.0	106.3	131.2	155.3	179.7	205.1	232.2	260.8	290.7	321.6				13
17			92.9	123.3	152.0	179.7	207.5	236.6	267.6	300.4	334.8	370.5				14
18			106.6	141.4	174.1	205.4	236.8	269.6	304.6	341.8	380.9	421.5	463.1			15
19			121.1	160.5	197.3	232.4	267.5	304.1	343.2	385.0	428.9	474.6	521.6	569.4		7
20				180.5	221.6	260.7	299.6	340.1	383.5	429.9	478.9	529.9	582.4	636.0	765.5	6
21				201.5	247.2	290.3	333.1	377.7	425.4	476.6	530.7	587.3	645.5	705.1	843.4	4
22				223.5	273.9	321.2	368.0	416.8	469.0	525.0	584.5	646.7	710.9	776.6	924.0	1
23				246.5	301.7	353.5	404.4	457.3	514.2	575.3	640.2	708.2	778.6	850.7	950.7	3
24				270.5	330.8	387.0	442.2	499.5	561.0	627.2	697.8	771.8	848.5	927.2	1007.3	0
25					361.0	421.9	481.4	543.1	609.4	681.0	757.3	837.5	920.7	1006.1	1093.2	1
26					392.4	458.1	522.0	588.3	659.5	736.5	818.7	905.3	995.1	1087.5	1181.7	1
27					425.0	495.6	564.1	635.0	711.2	793.7	882.0	975.0	1071.7	1171.2	1272.8	0
28					458.8	534.4	607.6	683.2	764.5	852.7	947.2	1046.9	1150.6	1257.4	1366.6	0
29					493.7	574.6	652.5	733.0	819.6	913.5	1014.3	1120.8	1231.7	1346.0	1463.0	0
30						616.1	698.9	784.3	876.2	976.0	1083.3	1196.7	1315.0	1437.0	1561.9	0
31						658.9	746.7	837.1	934.5	1040.3	1154.2	1274.7	1400.5	1530.4	1663.4	0
32						703.0	796.0	891.5	994.4	1106.3	1226.9	1354.8	1488.3	1626.2	1767.5	0
33						748.5	846.7	947.4	1055.9	1174.1	1301.6	1436.8	1578.2	1724.3	1874.1	0
34						795.3	898.8	1004.9	1119.1	1243.7	1378.1	1520.9	1670.3	1824.8	1983.3	0
35							952.4	1063.9	1183.9	1315.0	1456.6	1607.1	1764.6	1927.7	2095.0	0
36							1007.4	1124.4	1250.4	1388.0	1536.9	1695.2	1861.1	2032.9	2209.3	0
37							1063.9	1186.5	1318.5	1462.8	1619.1	1785.4	1959.8	2140.5	2326.1	0
38							1121.8	1250.1	1388.3	1539.4	1703.2	1877.7	2060.7	2250.4	2445.5	0
39							1181.2	1315.2	1459.6	1617.7	1789.1	1971.9	2163.7	2362.7	2567.3	0
40								1381.9	1532.7	1697.8	1877.0	2068.2	2269.0	2477.4	2691.7	0
41								1450.1	1607.3	1779.6	1966.7	2166.5	2376.4	2594.3	2818.6	0
42								1519.9	1683.6	1863.2	2058.3	2266.8	2486.0	2713.7	2948.0	0
43								1591.2	1761.5	1948.5	2151.8	2369.2	2597.8	2835.3	3080.0	0
44								1664.1	1841.2	2035.6	2247.2	2471.8	2711.8	2959.4	3214.4	0
45									1922.4	2124.4	2344.4	2579.9	2827.9	3085.7	3351.3	0
46									2005.3	2215.0	2443.6	2688.4	2946.2	3214.4	3490.8	0
47									2089.8	2307.3	2544.6	2798.8	3066.7	3345.4	3632.7	0
48									2175.9	2401.4	2647.5	2911.2	3189.3	3478.7	3777.2	0
49									2263.7	2497.2	2752.2	3025.7	3314.1	3614.4	3924.1	0
50									2353.1	2594.8	2858.9	3142.2	3441.1	3752.4	4073.5	0

BASIS
TREES

GROSS SCIPINED BOARD FOOT VOLUME TO 6 INCH TOP DIP - UNFORKED TREES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.1	.3	.5	.7	.8	1.0	1.2									0
8	.9	2.1	3.2	4.4	5.5	6.7	7.8	9.0								0
9	2.3	5.1	7.8	10.6	13.4	16.2	19.0	21.8	24.6							12
10		9.0	14.0	18.9	23.9	28.9	33.8	38.8	43.8							15
11		13.7	21.3	28.9	36.5	44.1	51.7	59.3	66.9	74.5						22
12		19.1	29.7	40.3	51.0	61.6	72.2	82.8	93.4	104.1						17
13		25.1	39.1	53.1	67.1	81.1	95.1	109.1	123.1	137.1	151.1					18
14		31.8	49.5	67.2	84.9	102.7	120.4	138.1	155.8	173.6	191.3					19
15			60.7	82.5	104.3	126.1	147.9	169.6	191.4	213.2	235.0	256.8				13
16			72.9	99.0	125.2	151.4	177.5	203.7	229.8	256.0	282.1	308.3				10
17			85.9	116.7	147.6	178.5	209.3	240.2	271.0	301.9	332.7	363.6	394.4			11
18			99.8	135.6	171.5	207.4	243.2	279.1	314.9	350.8	386.7	422.5	458.4			13
19			114.5	155.7	196.9	238.1	279.2	320.4	361.6	402.8	444.0	485.1	526.3			6
20				176.9	223.7	270.5	317.4	364.2	411.0	457.8	504.6	551.4	598.2	645.1		4
21				199.3	252.0	304.8	357.6	410.3	463.1	515.8	568.6	621.4	674.1	726.9		1
22				222.8	281.8	340.9	399.9	458.9	517.9	576.9	635.9	694.9	753.9	812.9		3
23				247.5	313.1	378.7	444.2	509.8	575.4	641.0	706.5	772.1	837.7	903.3		0
24				273.4	345.8	418.3	490.7	563.2	635.6	708.0	780.5	852.9	925.4	997.8		0
25					380.0	459.7	539.3	618.9	698.5	778.1	857.8	937.4	1017.0	1096.6		1
26					502.8	597.5	697.5	797.5	897.5	997.5	1097.5	1197.5	1297.5	1397.5		0
27					542.8	642.6	742.6	842.6	942.6	1042.6	1142.6	1242.6	1342.6	1442.6		0
28					594.4	697.5	797.5	897.5	997.5	1097.5	1197.5	1297.5	1397.5	1497.5		0
29					531.5	642.9	754.3	865.8	977.2	1088.6	1200.0	1311.5	1422.9	1534.3		0
30					693.2	813.3	933.5	1053.6	1173.8	1293.9	1414.0	1534.2	1654.4	1774.5		0
31					745.2	874.4	1003.6	1132.7	1261.9	1391.1	1520.3	1649.4	1778.6	1907.8		0
32					799.0	937.5	1076.0	1214.6	1353.1	1491.6	1630.1	1768.6	1907.1	2045.6		0
33					854.6	1002.8	1150.9	1299.1	1447.2	1595.4	1743.6	1891.7	2039.9	2188.0		0
34					912.0	1070.1	1228.2	1386.3	1544.4	1702.5	1860.6	2018.8	2176.9	2335.0		0
35						1139.5	1307.9	1476.2	1644.6	1813.0	1981.4	2149.7	2318.1	2486.5		0
36						1284.5	1453.0	1621.4	1789.8	1958.2	2126.6	2295.0	2463.4	2631.8		0
37						1360.2	1538.7	1717.2	1895.7	2074.2	2252.7	2431.2	2609.7	2788.2		0
38						1437.9	1626.4	1814.9	2003.4	2191.9	2380.4	2568.9	2757.4	2945.9		0
39							1742.1	1930.6	2119.1	2307.6	2496.1	2684.6	2873.1	3061.6		0
40							1836.1	2024.6	2213.1	2401.6	2590.1	2778.6	2967.1	3155.6		0
41							1932.5	2121.0	2309.5	2498.0	2686.5	2875.0	3063.5	3252.0		0
42							2031.4	2220.0	2408.5	2597.0	2785.5	2974.0	3162.5	3351.0		0
43							2132.6	2321.2	2509.7	2698.2	2886.7	3075.2	3263.7	3452.2		0
44								2643.8	2832.3	3020.8	3209.3	3397.8	3586.3	3774.8		0
45								2766.2	2954.7	3143.2	3331.7	3520.2	3708.7	3897.2		0
46								2891.3	3079.8	3268.3	3456.8	3645.3	3833.8	4022.3		0
47								3019.1	3207.6	3396.1	3584.6	3773.1	3961.6	4150.1		0
48								3149.5	3338.0	3526.5	3715.0	3903.5	4092.0	4280.5		0
49									3149.5	3338.0	3526.5	3715.0	3903.5	4092.0		0
50																0
BASIS TREES	0	0	13	39	38	36	22	14	4	2	0	0	0	0	0	

NET SCPIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIR
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.1	.3	.5	.6	.8	1.0	1.1										14
8	.9	2.0	3.0	4.1	5.1	6.2	7.3	8.5									25
9	2.2	4.8	7.4	9.9	12.4	14.9	17.5	20.3	23.1								25
10		8.5	13.1	17.5	21.8	26.2	30.7	35.5	40.5								19
11		13.0	19.9	26.5	33.0	39.5	46.2	53.3	60.8	68.6							27
12		18.1	27.6	36.7	45.6	54.5	63.6	73.3	83.6								23
13		23.7	36.2	48.1	59.6	70.9	82.7	95.1	108.4	122.4							27
14		29.9	45.7	60.6	74.8	88.8	103.2	118.6	135.0	152.5							27
15			55.9	74.0	91.2	107.9	125.2	143.6	163.4	184.4							26
16			66.9	88.4	108.7	128.3	148.5	170.0	193.2	218.1							19
17			78.7	103.8	127.3	149.9	173.0	197.7	224.6	253.5							13
18			91.2	120.2	147.0	172.8	198.9	226.9	257.4	290.3							14
19			104.5	137.5	167.9	196.8	226.0	257.3	291.6	328.8							15
20				155.7	189.8	222.0	254.4	289.0	327.1	368.6							7
21				174.9	212.8	248.3	283.9	322.0	364.0	410.0							6
22				195.1	236.9	275.9	314.7	356.3	402.2	452.7							4
23				216.2	262.1	304.6	346.7	391.8	441.8	496.9							1
24				238.2	288.4	334.5	380.0	428.6	482.6	542.4							1
25					315.7	365.5	414.4	466.6	524.7	589.3							0
26					344.2	397.7	450.0	505.9	568.1	637.5							1
27					373.7	431.0	486.9	546.4	612.8	687.1							1
28					404.3	465.6	524.9	588.1	658.8	738.0							0
29					436.0	501.3	564.1	631.0	706.0	790.2							0
30						538.1	604.6	675.2	754.4	842.8							0
31						576.1	646.2	720.6	804.2	898.6							0
32						615.3	689.1	767.2	855.1	954.8							0
33						655.6	733.1	815.0	907.4	1012.3							0
34						697.1	778.3	864.0	960.8	1071.1							0
35							824.8	914.3	1015.6	1131.1							0
36							872.4	965.8	1071.5	1192.5							0
37							921.2	1018.4	1128.7	1255.1							0
38							971.2	1072.3	1187.2	1319.1							0
39							1022.4	1127.5	1246.8	1384.3							0
40								1183.8	1307.8	1450.8							0
41								1241.3	1369.9	1518.5							0
42								1300.1	1433.3	1587.6							0
43								1360.0	1497.9	1657.9							0
44								1421.2	1563.8	1729.5							0
45									1630.8	1802.4							0
46									1699.1	1876.5							0
47									1768.7	1951.9							0
48									1839.5	2028.6							0
49									1911.5	2106.5							0
50									1984.7	2185.7							0

BASIS
TREES

TOTAL STEM GROSS CUBIC FOOT VOLUME--UNFORKED TREES
DOUGLAS-FIR
LINCOLN-TONTO N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	RASJS TREES
1	.5																0
2	.5	.6															0
3	.6	.8															0
4	.7	1.0	1.3														0
5	.9	1.3	1.8														0
6	1.1	1.7	2.3														6
7	1.3	2.2	3.0	3.9													7
8	1.6	2.7	3.8	4.9	6.1	4.2											7
9	1.9	3.3	4.7	6.1	7.6	5.6	6.5										7
10		4.0	5.7	7.5	9.2	7.2	8.3	9.4									0
11		4.7	6.8	8.9	11.1	9.0	10.4	11.8	13.2	13.2	21.7						0
12		5.5	8.0	10.6	13.1	11.0	12.7	14.5	16.2	16.2	25.7						0
13		6.4	9.3	12.3	15.3	13.2	15.3	17.4	19.6	19.6	30.1						0
14		7.3	10.8	14.2	17.7	15.6	18.1	20.7	23.2	23.2	34.9	33.1					6
15			12.3	16.2	20.2	18.2	21.1	24.5	28.0	31.4	34.9	38.3					7
16			13.9	18.4	22.9	24.2	27.4	31.9	36.4	40.9	45.4	49.9					7
17			15.7	20.7	25.8	30.9	36.0	41.0	46.1	51.2	56.3	61.4					5
18			17.5	23.2	28.9	34.6	40.3	46.0	51.7	57.3	63.0	68.7					5
19			19.5	25.8	32.1	38.5	44.8	51.2	57.5	63.8	70.2	76.5					6
20				28.5	35.6	42.6	49.6	56.6	63.7	70.7	77.7	84.7					4
21				31.4	39.2	46.9	54.7	62.4	70.2	77.9	85.6	93.4					4
22				34.4	42.9	51.4	59.9	68.4	76.9	85.4	94.0	102.5					5
23				37.6	46.9	56.2	65.5	74.8	84.1	93.4	102.6	111.9					2
24				40.9	51.0	61.1	71.3	81.4	91.5	101.6	111.7	121.8					0
25					55.3	66.3	77.3	88.3	99.2	110.2	121.2	132.2					3
26					59.8	71.7	83.6	95.4	107.3	119.2	131.0	142.9					0
27					64.5	77.3	90.1	102.9	115.7	128.5	141.3	154.1					0
28					69.3	83.1	96.8	110.6	124.4	138.1	151.9	165.7					0
29					74.3	89.1	103.8	118.6	133.4	148.2	162.9	177.7					3
30						95.3	111.1	126.9	142.7	158.5	174.3	190.1					0
31						101.7	118.6	135.5	152.4	169.2	186.1	203.0					0
32						108.4	126.3	144.3	162.3	180.3	198.3	216.3					0
33						115.2	134.3	153.5	172.6	191.7	210.8	230.0					1
34						122.3	142.6	162.9	183.2	203.5	223.8	244.1					1
35							151.1	172.6	194.1	215.6	237.1	258.6					3
36							159.8	182.5	205.3	228.1	250.8	273.6					1
37							168.8	192.8	216.8	240.9	264.9	289.0					0
38							178.0	203.3	228.7	254.4	279.4	304.8					0
39							187.4	214.2	240.9	267.6	294.3	321.0					0
40								225.3	253.4	281.5	309.6	337.7					0
41								236.6	266.2	295.7	325.2	354.7					0
42								248.3	279.3	310.3	341.3	372.2					0
43								260.2	292.7	325.2	357.7	390.2					0
44								272.5	306.5	340.5	374.5	408.5					0
45									320.5	356.1	391.7	427.3					0
46									334.9	372.1	409.3	446.4					0
47									349.6	388.4	427.2	466.0					0
48									364.7	405.1	445.6	486.1					0
49									380.0	422.2	464.3	506.5					0
50									395.6	439.5	483.5	527.4					0
BASIS TREES	0	0	10	13	23	23	15	8	5	7	2	1	1	1	0	0	0

TOTAL STEM NET CUBIC FOOT VOLUME

DOUGLAS-FIR

LINCOLN-TONTO N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS FO	30	100	110	120	130	140	150	BASIS TREES
1	.5															0
2	.5	.6														0
3	.6	.7														0
4	.7	1.0	1.3	1.5												0
5	.9	1.3	1.7	2.2	2.6											3
6	1.1	1.7	2.3	2.9	3.6	4.2										6
7	1.3	2.1	3.0	3.8	4.7	5.5	6.4									7
8	1.5	2.7	3.8	4.9	6.0	7.1	8.2	9.3								7
9	1.8	3.2	4.7	6.1	7.4	8.8	10.2	11.6	13.0							7
10		3.9	5.6	7.4	9.1	10.8	12.5	14.2	15.9							6
11		4.6	6.7	8.8	10.9	13.0	15.0	17.1	19.1	21.2						8
12		5.4	7.9	10.4	12.9	15.3	17.8	20.2	22.7	25.1						5
13		6.3	9.2	12.1	15.0	17.9	20.8	23.6	26.5	29.3						6
14		7.2	10.6	14.0	17.3	20.7	24.0	27.3	30.6	33.8						7
15			12.1	16.0	19.8	23.6	27.4	31.2	34.9	38.6						7
16			13.7	18.1	22.5	26.8	31.1	35.4	39.6	43.2						6
17			15.4	20.4	25.3	30.1	35.0	39.8	44.5	49.2						5
18			17.2	22.8	28.3	33.7	39.1	44.4	49.7	54.9						6
19			19.1	25.3	31.4	37.4	43.4	49.3	55.1	60.9						5
20				27.9	34.7	41.4	47.9	54.4	60.8	67.1						7
21				30.7	38.1	45.5	52.7	59.8	66.8	73.7						5
22				33.7	41.8	49.8	57.6	65.4	73.0	80.5						3
23				36.7	45.5	54.2	62.8	71.2	79.4	87.8						1
24				39.9	49.5	58.9	68.1	77.2	86.1	95.4						1
25					53.5	63.7	73.7	83.4	93.0	102.3						5
26					57.8	68.7	79.4	89.9	100.1	110.0						5
27					62.1	73.9	85.3	96.5	107.4	118.0						4
28					66.7	79.2	91.4	103.3	114.9	126.2						0
29					71.3	84.7	97.7	110.3	122.6	134.6						4
30						90.3	104.1	117.5	130.5	143.2						0
31						96.1	110.8	124.9	138.6	152.0						0
32						102.1	117.5	132.5	146.9	161.0						0
33						108.2	124.5	140.2	155.4	170.2						0
34						114.5	131.6	148.1	164.1	179.6						1
35							138.8	156.1	172.9	189.2						3
36							146.2	164.4	181.9	199.0						0
37							161.5	181.3	200.4	219.1						0
38							169.3	189.9	209.9	229.5						0
39								198.8	219.6	240.0						0
40								207.8	229.5	250.8						0
41								216.9	239.5	261.7						0
42								226.2	249.8	272.9						0
43								235.7	260.2	284.3						0
44									270.7	295.9						0
45									281.5	307.7						0
46									292.4	319.7						0
47									303.6	332.0						0
48									314.9	344.5						0
49									326.5	357.2						0
50																0
BASIS TREES	0	0	10	13	23	26	15	10	5	2	1	1	1	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DBH OF 4 INCHES-UNFORKED TREES
DOUGLAS-FIR
LINCOLN-TONTON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASES TREES
5	.7	1.0	1.2	1.5	1.8											3
6	.8	1.3	1.8	2.3	2.8	3.3	5.5									6
7	1.0	1.8	2.5	3.3	4.0	4.8	7.4	8.4								7
8	1.2	2.2	3.3	4.3	5.3	6.3	9.4	10.8	12.1							7
9	1.4	2.8	4.1	5.4	6.8	8.1	11.7	13.4	15.1	20.4						7
10		3.3	5.0	6.7	8.4	10.1	14.2	16.3	18.4	24.4						6
11		4.0	6.0	8.1	10.1	12.5	17.0	19.5	21.9	28.7	31.6					8
12		4.7	7.1	9.6	12.1	14.5	20.0	22.9	25.8	33.3	42.2	46.1				5
13		5.4	8.3	11.2	14.1	17.1	23.2	26.6	29.9	38.3	48.1	52.5	64.3			5
14		6.2	9.6	13.0	16.4	19.8	26.6	30.5	34.4	43.6	54.3	59.3	72.2	86.8		5
15			11.0	14.9	18.8	22.7	30.3	34.7	39.2	49.3	60.9	66.5	80.5	96.2	113.8	0
16			12.5	16.9	21.4	25.8	34.2	39.2	44.2	55.2	67.9	74.2	89.2	106.1	124.9	1
17			14.0	19.1	24.1	29.1	38.2	43.9	49.6	61.6	75.2	82.2	98.3	116.4	136.5	5
18			15.7	21.4	27.0	32.7	42.7	49.0	55.3	68.2	82.9	90.6	108.0	127.3	148.7	5
19			17.5	23.8	30.1	36.4	47.3	54.2	61.2	75.2	91.0	99.5	118.4	138.6	161.3	3
20				26.3	33.3	40.3	52.1	59.8	67.5	82.9	99.5	108.7	128.5	150.4	174.5	0
21				29.0	36.7	44.4	57.2	65.6	74.1	89.2	108.3	118.4	139.0	162.7	188.2	3
22				31.8	40.2	48.7	62.5	71.7	81.0	98.2	117.5	128.5	150.8	175.4	202.4	0
23				34.7	43.9	53.2	68.0	78.1	88.2	106.6	127.1	139.0	162.7	188.2	217.1	3
24				37.7	47.8	57.9	73.8	84.7	95.7	115.3	137.1	149.9	174.9	202.4	232.4	0
25					51.9	62.8	79.8	91.6	103.5	124.3	147.4	161.2	187.6	216.6	248.1	0
26					56.1	67.9	86.0	98.8	111.6	133.7	158.2	172.9	197.6	228.5	264.4	0
27					60.4	73.2	88.0	98.8	111.6	133.7	160.2	185.0	200.8	231.3	268.4	0
28					65.0	78.7	92.5	106.2	120.0	143.4	169.2	185.0	200.8	231.3	268.4	0
29					69.7	84.4	99.2	113.9	128.7	153.5	180.7	197.6	214.4	246.4	281.2	1
30						90.3	106.1	121.9	137.7	163.9	192.5	210.5	228.5	262.1	298.5	1
31						96.4	113.3	130.1	147.0	174.6	204.8	223.9	243.0	281.2	316.3	3
32						102.7	120.7	138.7	156.6	185.7	217.4	237.6	257.9	294.8	334.6	1
33						109.2	128.3	147.5	166.6	197.1	230.3	251.8	273.3	311.9	353.5	0
34						115.9	136.2	156.5	176.8	208.8	243.7	266.4	289.1	329.4	372.8	0
35							144.3	165.8	187.3	220.8	257.4	296.8	322.1	347.5	404.5	0
36							152.7	175.4	198.2	232.5	285.9	312.6	339.3	366.0	434.0	0
37							161.3	185.3	209.3	259.2	300.8	328.9	356.9	385.0	455.4	0
38							170.1	195.4	220.8	272.7	300.8	328.9	356.9	385.0	477.4	0
39							179.1	205.8	232.5	285.9	312.6	340.5	368.4	396.3	499.8	0
40								216.5	244.6	285.9	312.6	340.5	368.4	396.3	522.8	0
41								227.5	257.0	300.6	331.6	362.5	393.5	424.5	546.3	0
42								238.7	269.6	315.1	347.5	380.6	412.5	444.5	570.3	0
43								250.2	282.6	331.6	363.9	397.9	431.9	465.8	594.8	0
44								261.9	295.9	345.1	380.6	416.2	451.7	487.3	619.9	0
45								309.5	309.5	360.5	397.7	434.8	472.0	509.1	645.4	0
46								323.4	323.4	376.4	415.2	453.9	492.7	531.5		
47								337.6	337.6	392.6	433.0	473.5	513.9	554.4		
48								352.1	352.1	409.1	451.2	493.4	535.5	577.7		
49								366.9	366.9	425.9	469.8	513.7	557.6	601.5		
50								382.0	382.0	445.9	490.8	537.7	581.6	626.5		
BASES TREES	0	0	1	13	23	23	15	e	5	7	2	1	1	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
DOUGLAS-FIR
LINCOLN-TONTO N.F.

8BH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.7	.9	1.2	1.5	1.8											3
6	.8	1.3	1.8	2.3	2.8	3.3										6
7	1.0	1.7	2.5	3.2	3.9	4.7	5.4									7
8	1.2	2.2	3.2	4.2	5.2	6.2	7.2	8.2								7
9	1.4	2.7	4.0	5.4	6.7	8.0	9.3	10.6	11.9							6
10		3.3	5.0	6.6	8.2	9.9	11.5	13.2	14.8							5
11		3.9	5.9	8.0	10.0	12.0	14.0	16.0	17.9	19.9						5
12		4.6	7.0	9.5	11.9	14.3	16.6	19.0	21.4	23.7						6
13		5.4	8.2	11.1	13.9	16.7	19.5	22.3	25.1	27.9	30.6					6
14		6.2	9.5	12.8	16.1	19.4	22.6	25.9	29.1	32.3	35.5					5
15			10.8	14.6	18.4	22.2	26.0	29.7	33.4	37.0	40.6	44.2				6
16			12.3	16.6	20.9	25.2	29.5	33.7	37.9	42.0	46.1	50.2				5
17			13.8	18.7	23.6	28.4	33.2	38.0	42.7	47.3	51.9	56.5				7
18			15.4	20.9	26.4	31.8	37.2	42.5	47.7	52.9	58.0	63.0	68.0			5
19			17.2	23.3	29.3	35.4	41.2	47.2	53.0	58.7	64.4	69.9	75.4			2
20				25.7	32.5	39.1	45.7	52.1	58.5	64.8	71.0	77.1	83.2	80.9		3
21				28.3	35.7	43.0	50.2	57.3	64.3	71.2	78.0	84.6	91.2	89.1		1
22				31.0	39.1	47.1	55.0	62.7	70.3	77.8	85.2	92.4	99.5	97.6	104.0	4
23				33.8	42.7	51.3	59.9	68.3	76.6	84.7	92.6	100.4	108.1	106.5	113.4	1
24				36.8	46.4	55.8	65.0	74.1	83.0	91.8	100.3	108.3	116.5	115.6	123.1	5
25					50.2	60.4	70.4	80.1	89.7	99.1	108.3	117.3	126.1	125.1	133.1	4
26					54.2	65.1	75.9	86.4	96.6	106.6	116.5	126.1	135.5	134.8	143.4	4
27					58.3	70.0	81.5	92.8	103.7	114.4	124.9	135.1	145.2	144.8	154.0	0
28					62.5	75.1	87.4	99.4	111.0	122.4	133.5	144.4	155.1	155.1	164.9	0
29					66.9	80.3	93.4	106.1	118.5	130.6	142.4	153.9	165.3	165.7	176.1	4
30						85.7	99.6	113.1	126.2	139.0	151.5	163.7	175.7	176.5	187.6	4
31						91.3	106.0	120.2	134.1	147.6	160.8	173.7	186.4	187.6	199.4	0
32						96.9	112.5	127.5	142.2	156.4	170.3	183.9	197.3	199.0	211.4	0
33						102.8	119.2	135.0	150.4	165.4	180.0	194.3	208.5	210.6	223.8	0
34						108.7	126.0	142.7	158.8	174.5	189.9	205.0	219.9	222.5	236.5	1
35							133.0	150.4	167.4	183.9	200.0	215.9	231.6	234.7	249.5	1
36							140.1	158.4	176.1	193.4	210.3	227.0	243.6	247.2	262.8	3
37							147.3	166.5	185.1	203.1	220.9	238.4	255.8	260.0	276.4	1
38							154.7	174.8	194.2	213.1	231.6	250.0	268.2	273.1	290.3	0
39							162.3	183.2	203.4	223.2	242.6	261.8	281.0	286.4	304.6	0
40								191.7	212.8	233.4	253.8	273.9	294.0	300.1	319.2	0
41								200.4	222.4	243.9	265.1	286.2	307.3	314.0	334.1	0
42								209.3	232.1	254.6	276.7	298.8	320.8	328.3	349.4	0
43								218.2	242.1	265.4	288.6	311.6	334.7	342.9	365.0	0
44								227.4	252.1	276.5	300.6	324.7	348.8	357.8	381.0	0
45									262.4	287.7	312.9	338.1	363.3	373.0	397.3	0
46									272.8	299.2	325.4	351.7	378.0	388.6	414.0	0
47									283.4	310.8	338.2	365.6	393.0	404.5	431.0	0
48									294.2	322.7	351.2	379.7	408.4	420.7	448.5	0
49									305.1	334.8	364.4	394.2	424.1	437.3	466.3	0
50									316.2	347.0	377.9	408.9	440.1	454.2	484.5	0
50														471.5	503.1	0
8BASIS TREES	0	0	10	13	23	26	15	10	5	9	2	1	1	0	0	0

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES--UNFORKED TREES
DOUGLAS-FIR
LINCOLN-TONTON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.7	1.2	1.7	2.2	2.7	3.2	3.6										7
8	1.0	1.8	2.6	3.4	4.1	4.9	5.7	6.5									7
9	1.2	2.3	3.5	4.6	5.7	6.9	8.0	9.1	10.3								7
10		3.0	4.5	6.0	7.4	8.9	10.4	11.9	13.4								6
11		3.6	5.5	7.4	9.3	11.2	13.1	15.0	16.8	18.7							8
12		4.4	6.7	9.0	11.3	13.6	15.9	18.2	20.5	22.8							5
13		5.1	7.9	10.7	13.4	16.2	19.0	21.7	24.5	27.3							6
14		6.0	9.2	12.5	15.7	19.0	22.2	25.5	28.8	32.0		30.0					5
15			10.6	14.4	18.2	22.0	25.7	29.5	33.3	37.1		40.8	44.6				5
16			12.1	16.5	20.8	25.1	29.5	33.8	38.1	42.5		46.8	51.1				6
17			13.7	18.6	23.6	28.5	33.4	38.3	43.2	48.2		53.1	58.0				4
18			15.4	20.9	26.5	32.0	37.6	43.1	48.7	54.2		59.8	65.3				5
19			17.2	23.4	29.6	35.8	42.0	48.2	54.4	60.6		66.8	73.0				6
20				25.9	32.8	39.7	46.6	53.5	60.4	67.3		74.2	81.1				5
21				28.6	36.2	43.9	51.5	59.1	66.7	74.3		82.0	89.6				5
22				31.4	39.8	48.2	56.6	65.0	73.3	81.7		90.1	98.5				6
23				34.4	43.5	52.7	61.9	71.1	80.2	89.4		98.6	107.8				4
24				37.4	47.4	57.4	67.5	77.5	87.5	97.5		107.5	117.5				5
25				40.4	51.5	62.4	73.2	84.1	95.0	105.9		116.7	127.6				5
26				43.4	55.7	67.5	79.3	91.0	102.8	114.6		126.4	138.1				3
27				46.4	60.1	72.8	85.5	98.2	110.9	123.6		136.3	149.1				0
28				49.4	64.7	78.3	92.0	105.7	119.4	133.0		146.7	160.4				0
29				52.4	69.4	84.0	98.7	113.4	128.1	142.8		157.5	172.1				3
30				55.4	73.4	90.0	105.7	121.4	137.1	152.8		168.6	184.3				0
31				58.4	78.4	96.1	112.9	129.7	146.5	163.3		180.1	196.8				0
32				61.4	82.4	102.4	120.3	138.2	156.1	174.0		191.9	209.8				0
33				64.4	85.6	108.9	128.0	147.0	166.1	185.1		204.1	223.2				1
34				67.4	90.0	115.6	135.8	156.1	176.3	196.5		216.8	237.0				0
35				70.4	96.1	124.4	144.0	165.4	186.9	208.3		229.7	251.2				0
36				73.4	102.4	132.4	152.3	175.0	197.7	220.4		243.1	265.8				0
37				76.4	108.9	140.4	160.9	184.9	208.9	232.8		256.8	280.8				0
38				79.4	115.6	148.4	169.8	195.0	220.3	245.6		270.9	296.2				0
39				82.4	122.4	156.4	178.8	205.5	232.1	258.8		285.4	312.1				0
40				85.4	129.4	164.4	187.8	216.1	244.2	272.2		300.3	328.3				0
41				88.4	136.4	171.4	195.8	224.1	252.6	280.6		315.5	345.0				0
42				91.4	143.4	178.4	203.8	232.1	260.6	288.6		331.1	362.0				0
43				94.4	150.4	185.4	211.8	240.1	268.6	296.6		347.1	379.5				0
44				97.4	157.4	192.4	218.8	247.1	275.6	303.6		363.4	397.4				0
45				100.4	164.4	200.4	226.8	255.1	283.6	311.6		379.4	415.7				0
46				103.4	171.4	207.4	233.8	262.1	290.6	318.6		395.4	431.3				0
47				106.4	178.4	214.4	240.8	269.1	297.6	325.6		411.9	448.2				0
48				109.4	185.4	221.4	247.8	276.1	304.6	332.6		428.9	465.3				0
49				112.4	192.4	228.4	254.8	283.1	311.6	339.6		445.9	482.2				0
50				115.4	199.4	235.4	261.8	290.1	318.6	346.6		462.9	500.0				0
51				118.4	206.4	242.4	268.8	297.1	325.6	353.6		479.4	517.7				0
52				121.4	213.4	249.4	275.8	303.1	331.6	359.6		496.9	535.0				0
53				124.4	220.4	256.4	282.8	310.1	337.6	366.6		514.4	553.8				0
54				127.4	227.4	263.4	289.8	317.1	344.6	372.6		531.9	572.2				0
55				130.4	234.4	270.4	296.8	324.1	351.6	380.6		549.4	590.0				0
56				133.4	241.4	277.4	303.8	331.1	358.6	388.6		566.9	608.0				0
57				136.4	248.4	284.4	310.8	338.1	365.6	395.6		584.4	626.0				0
58				139.4	255.4	291.4	317.8	345.1	372.6	402.6		601.9	644.8				0
59				142.4	262.4	298.4	324.8	352.1	379.6	409.6		619.4	662.0				0
60				145.4	269.4	305.4	331.8	359.1	386.6	416.6		636.9	679.0				0
61				148.4	276.4	312.4	338.8	366.1	393.6	423.6		654.4	696.0				0
62				151.4	283.4	319.4	345.8	373.1	400.6	430.6		671.9	714.0				0
63				154.4	290.4	326.4	352.8	380.1	407.6	437.6		689.4	732.0				0
64				157.4	297.4	333.4	359.8	387.1	414.6	444.6		706.9	749.0				0
65				160.4	304.4	340.4	366.8	394.1	421.6	451.6		724.4	767.0				0
66				163.4	311.4	347.4	373.8	401.1	428.6	458.6		741.9	785.0				0
67				166.4	318.4	354.4	380.8	408.1	435.6	465.6		759.4	803.0				0
68				169.4	325.4	361.4	387.8	415.1	442.6	472.6		776.9	821.0				0
69				172.4	332.4	368.4	394.8	422.1	449.6	479.6		794.4	838.0				0
70				175.4	339.4	375.4	401.8	429.1	456.6	486.6		811.9	856.0				0
71				178.4	346.4	382.4	408.8	436.1	463.6	493.6		829.4	874.0				0
72				181.4	353.4	389.4	415.8	443.1	470.6	500.6		846.9	892.0				0
73				184.4	360.4	396.4	422.8	450.1	477.6	507.6		864.4	910.0				0
74				187.4	367.4	403.4	429.8	457.1	484.6	514.6		881.9	928.0				0
75				190.4	374.4	410.4	436.8	464.1	491.6	521.6		899.4	946.0				0
76				193.4	381.4	417.4	443.8	471.1	498.6	528.6		916.9	964.0				0
77				196.4	388.4	424.4	450.8	478.1	505.6	535.6		934.4	982.0				0
78				199.4	395.4	431.4	457.8	485.1	512.6	542.6		951.9	1000.0				0
79				202.4	402.4	438.4	464.8	492.1	519.6	549.6		969.4	1018.0				0
80				205.4	409.4	445.4	471.8	499.1	526.6	556.6		986.9	1036.0				0
81				208.4	416.4	452.4	478.8	506.1	533.6	563.6		1004.4	1054.0				0
82				211.4	423.4	459.4	485.8	513.1	540.6	570.6		1021.9	1072.0				0
83				214.4	430.4	466.4	492.8	520.1	547.6	577.6		1039.4	1090.0				0
84				217.4	437.4	473.4	500.0	527.1	554.6	584.6		1056.9	1108.0				0
85				220.4	444.4	480.4	507.2	534.1	561.6	591.6		1074.4	1126.0				0
86				223.4	451.4	487.4	514.4	541.1	568.6	600.6		1091.9	1144.0				0
87				226.4	458.4	494.4	521.8	548.1	575.6	607.6		1109.4	1162.0				0
88				229.4	465.4	501.4	529.0	555.1	582.6	614.6		1126.9	1180.0				0
89				232.4	472.4	508.4	536.2	562.1	589.6	621.6		1144.4	1198.0				0
90				235.4	479.4	515.4	543.4	569.1	596.6	628.6		1161.9	1216.0				0
91				238.4	486.4	522.4	550.8	576.1	603.6	635.6		1179.4	1234.0				0
92				241.4	493.4	529.4	558.0	583.1	610.6	642.6		1196.9	1252.0				0
93				244.4	500.4	536.4	565.2	590.1	617.6	649.6		1214.4	1270.0				0
94				247.4	507.4	543.4	572.4	597.1	624.6	656.6		1231.9	1288.0				0
95				250.4	514.4	550.4	579.6	604.1	631.6	663.6		1249.4	1306.0				0
96				253.4	521.4	557.4	586.8	611.1	638.6	670.6		1266.9	1324.0				0
9																	

NET CUBIC FOOT VOLUME TO TOP DIA OF 6 INCHES
DOUGLAS-FIR
LINCOLN-TONTO N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	1.7	1.2	1.7	2.2	2.6	3.1	3.6									7
8	1.0	1.7	2.5	3.3	4.1	4.9	5.6	6.4								7
9	1.2	2.3	3.4	4.5	5.6	6.8	7.9	9.0								7
10		2.9	4.4	5.9	7.3	8.8	10.2	11.7	10.0							6
11		3.6	5.4	7.3	9.1	11.0	12.8	14.6	16.4	18.3						6
12		4.3	6.6	8.8	11.1	13.3	15.6	17.8	20.0	22.2						8
13		5.1	7.8	10.5	13.2	15.9	18.5	21.2	23.8	26.5	29.1					5
14		5.9	9.1	12.3	15.4	18.6	21.7	24.8	27.9	31.0	34.0					6
15			10.5	14.1	17.8	21.5	25.1	28.7	32.2	35.8	39.3	42.8				6
16			11.9	16.2	20.4	24.5	28.7	32.8	36.8	40.9	44.8	48.8				7
17			13.5	18.3	23.0	27.8	32.4	37.1	41.7	46.2	50.7	55.1	59.5			5
18			15.1	20.5	25.9	31.2	36.4	41.6	46.8	51.8	56.8	61.8	66.7			2
19			16.9	22.9	28.8	34.8	40.6	46.4	52.1	57.7	63.3	68.7	74.1			7
20				25.4	32.0	38.5	45.0	51.4	57.7	63.9	70.0	76.0	81.9	87.7		5
21				28.0	35.2	42.4	49.6	56.6	63.5	70.3	76.9	83.5	90.0	96.3	102.6	1
22				30.7	38.7	46.6	54.3	62.0	69.5	76.9	84.2	91.3	98.3	105.2	112.0	1
23				33.5	42.2	50.8	59.3	67.6	75.8	83.8	91.7	99.4	107.7	114.4	121.8	5
24				36.4	45.9	55.3	64.4	73.4	82.3	90.9	99.4	107.7	115.9	123.9	131.8	5
25					49.8	59.9	69.8	79.5	89.0	98.3	107.4	116.3	125.1	133.7	142.2	4
26					53.8	64.6	75.3	85.7	95.9	105.8	115.6	125.1	134.5	143.7	152.8	0
27					57.9	69.6	81.0	92.1	103.0	113.6	124.0	134.2	144.2	154.1	163.8	0
28					62.2	74.7	86.9	98.7	110.3	121.6	132.7	143.5	154.2	164.7	175.0	0
29					66.6	79.9	92.9	105.5	117.9	129.9	141.6	153.1	164.4	175.5	186.6	4
30						85.3	99.1	112.5	125.6	138.3	150.7	162.9	174.8	186.7	198.4	0
31						90.8	105.5	119.7	133.5	146.9	160.0	172.9	185.5	198.1	210.5	0
32						96.5	112.0	127.0	141.5	155.7	169.5	183.1	196.5	209.8	222.9	0
33						102.3	118.7	134.5	149.8	164.7	179.3	193.6	207.7	221.7	235.7	1
34						108.3	125.5	142.1	158.2	173.9	189.2	204.3	219.2	234.0	248.7	1
35							132.5	149.9	166.8	183.3	199.3	215.2	230.9	246.5	262.0	3
36							139.6	157.9	175.6	192.8	209.7	226.4	242.9	259.3	275.7	0
37							146.9	166.0	184.5	202.6	220.3	237.7	255.1	272.4	289.6	0
38							154.3	174.3	193.6	212.5	231.0	249.4	267.6	285.8	303.9	0
39							161.8	182.7	202.9	222.6	242.0	261.2	280.4	299.5	318.6	0
40								191.2	212.3	232.9	253.2	273.3	293.4	313.4	333.5	0
41								200.0	221.9	243.4	264.6	285.7	306.7	327.7	348.8	0
42								208.8	231.7	254.1	276.2	298.3	320.3	342.4	364.5	0
43								217.8	241.6	265.0	288.1	311.1	334.2	357.3	380.5	0
44								227.0	251.7	276.0	300.2	324.3	348.4	372.5	396.8	0
45									262.0	287.3	312.5	337.6	362.8	388.1	413.5	0
46									272.4	298.8	325.0	351.3	377.6	404.1	430.6	0
47									283.0	310.4	337.8	365.2	392.7	420.3	448.1	0
48									293.8	322.3	350.8	379.4	408.1	436.9	465.9	0
49									304.8	334.4	364.1	393.8	423.8	453.9	484.2	0
50									315.9	346.7	377.6	408.6	439.8	471.2	502.8	0
BASIS TREES	0	0	10	13	23	26	15	10	5	2	1	1	1	0	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DI8-UNFORKED TREES
DOUGLAS-FIR
LINCOLN-TONTIO N.F.

OBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	1.1	1.8	2.5	3.3	4.0	4.7	5.4									7
8	2.6	4.7	6.8	9.0	11.1	13.2	15.3	17.5								7
9	4.2	8.2	12.1	16.0	20.0	23.9	27.8	31.8	35.7							7
10		12.1	18.1	24.2	30.2	36.3	42.4	48.4	54.5							6
11		16.3	24.8	33.3	41.8	50.2	58.7	67.2	75.7	84.1						8
12		21.0	32.2	43.3	54.4	65.6	76.7	87.9	99.0	110.1						5
13		26.1	40.1	54.2	68.2	82.3	96.3	110.4	124.4	138.4	152.5					6
14		31.5	48.7	65.9	83.1	100.3	117.5	134.6	151.8	169.0	186.2					5
15			57.9	78.5	99.0	119.6	140.2	160.7	181.3	201.8	222.4	243.0				5
16			67.7	91.9	116.0	140.2	164.4	188.6	212.7	236.9	261.1	285.3				4
17			78.1	106.1	134.1	162.1	190.1	218.2	246.2	274.2	302.2	330.2	358.2			4
18			89.1	121.2	153.3	185.4	217.4	249.5	281.6	313.7	345.8	377.8	409.9			2
19			100.7	137.1	173.5	209.9	246.3	282.6	319.0	355.4	391.8	428.2	464.5			2
20				153.9	194.8	235.7	276.6	317.5	358.4	399.3	440.2	481.1	522.1	563.0		3
21				171.5	217.1	262.8	308.5	354.1	399.8	445.5	491.1	536.8	582.5	628.1	673.8	0
22				189.9	240.6	291.2	341.9	392.5	443.2	493.8	544.5	595.2	645.8	696.5	747.1	1
23				209.2	265.1	321.0	376.8	432.7	488.6	544.4	600.3	656.2	712.1	767.9	823.8	5
24				229.3	290.7	352.0	413.3	474.6	535.9	597.3	658.6	719.9	781.2	842.5	903.9	5
25					317.3	384.3	451.3	518.3	585.3	652.3	719.3	786.3	853.3	920.3	987.3	3
26					345.1	418.0	490.9	563.8	636.7	709.6	782.5	855.4	928.3	1001.2	1074.1	0
27					373.9	452.9	532.0	611.0	690.0	769.1	848.1	927.2	1006.2	1085.2	1164.3	0
28					403.8	489.2	574.6	660.0	745.4	830.8	916.2	1001.6	1087.0	1172.4	1257.8	0
29					434.7	526.7	618.7	710.8	802.8	894.8	986.8	1078.8	1170.8	1262.8	1354.8	3
30						565.6	664.5	763.3	862.1	961.0	1059.8	1158.6	1257.4	1356.3	1455.1	0
31						605.8	711.7	817.6	923.5	1029.4	1135.3	1241.2	1347.0	1452.9	1558.8	0
32						647.3	760.5	873.7	986.8	1100.0	1213.2	1326.4	1439.6	1552.7	1665.9	0
33						690.1	810.8	931.5	1052.2	1172.9	1293.6	1414.3	1535.0	1655.7	1776.4	1
34						734.2		991.1	1119.6	1248.0	1376.5	1504.9	1633.4	1761.8	1890.3	1
35							916.1	1052.5	1189.0	1325.4	1461.8	1598.3	1734.7	1871.1	2007.5	3
36							971.1	1115.7	1260.3	1405.0	1549.6	1694.3	1838.9	1983.6	2128.2	1
37							1027.6	1180.6	1333.7	1486.8	1639.9	1793.0	1946.1	2099.2	2252.2	0
38							1085.6	1247.4	1409.1	1570.9	1732.6	1894.4	2056.2	2217.9	2379.7	0
39							1145.2	1315.9	1486.5	1657.2	1827.8	1998.5	2169.2	2339.8	2510.5	0
40							1386.1	1565.9	1745.7	1925.5	2105.3	2285.1	2464.9	2644.7	2824.5	0
41							1458.2	1647.3	1836.5	2025.7	2214.8	2404.0	2593.2	2782.3	2971.3	0
42							1532.0	1730.8	1929.5	2128.3	2327.0	2525.8	2724.6	2923.3	3122.0	0
43							1607.6	1816.2	2024.8	2233.4	2442.0	2650.8	2859.1	3067.7	3276.5	0
44							1685.0	1903.6	2122.3	2340.9	2559.6	2778.2	2996.9	3215.5	3434.1	0
45							1993.1	2222.0	2450.9	2679.9	2908.8	3137.7	3366.7	3595.7	3824.7	0
46							2084.5	2324.0	2563.4	2802.9	3042.3	3281.8	3521.3	3760.8	3999.8	0
47							2178.0	2428.2	2678.4	2928.6	3178.8	3429.0	3679.2	3929.4	4179.5	0
48							2273.4	2534.6	2795.8	3057.0	3318.2	3579.4	3840.6	4101.4	4362.0	0
49							2370.9	2643.3	2915.7	3188.1	3460.5	3733.0	4005.4	4280.8	4556.6	0
50							2470.4	2754.3	3038.1	3322.0	3605.8	3889.7	4173.5	4462.0	4750.0	0

8 BASIS
TREES

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DB

DOUGLAS-FIR

LINCOLN-TONTO N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.0	1.7	2.5	3.2	3.9	4.7	5.4									7
8	2.3	4.4	6.5	8.6	10.8	13.0	15.1	17.3								7
9	3.6	7.3	11.2	15.1	19.2	23.2	27.2	31.3	35.3							7
10		10.3	16.1	22.2	28.4	34.7	40.9	47.2	53.5							6
11		13.2	21.1	29.5	38.1	46.9	55.7	64.6	73.4	82.2						6
12		15.9	26.0	36.8	48.0	59.5	71.1	82.8	94.6	106.3						5
13		18.2	30.5	43.8	57.8	72.2	86.9	101.7	116.6	131.5	146.4					6
14		20.3	34.7	50.5	67.3	84.8	102.7	121.0	139.3	157.7	176.1					6
15			38.5	56.8	76.5	97.2	118.6	140.3	162.4	184.5	206.7	228.8				6
16			42.0	62.8	85.5	109.5	134.3	159.8	185.7	211.9	238.1	264.3				6
17			45.4	68.7	94.3	121.6	150.1	179.5	209.4	239.7	270.2	300.8	331.3			6
18			48.8	74.6	103.2	133.8	166.1	199.4	233.5	268.1	303.1	338.2	373.3			5
19			52.3	80.5	112.1	146.2	182.2	219.6	258.0	297.1	336.6	376.5	416.5	456.5		5
20				86.6	121.2	158.8	198.6	240.1	282.9	326.6	371.0	415.7	460.7	505.8		3
21				92.9	130.6	171.6	215.3	261.1	308.4	356.8	406.1	455.9	506.1	556.5	606.9	1
22				99.4	140.2	184.8	232.5	282.5	334.4	387.7	442.0	497.1	552.6	608.4	664.4	1
23				106.1	150.0	198.3	250.0	304.4	361.0	419.2	478.7	539.1	600.1	661.6	723.4	5
24				113.1	160.2	212.1	267.9	326.7	388.1	451.3	516.1	582.0	648.7	716.0	783.7	5
25					170.6	226.2	286.1	349.5	415.7	484.1	554.3	625.8	698.3	771.6	845.3	3
26					181.3	240.7	304.8	372.7	443.9	517.5	593.2	670.4	748.9	828.3	908.3	3
27					192.2	255.4	323.8	396.4	472.5	551.5	632.8	715.9	800.4	886.0	972.5	3
28					203.4	270.5	343.1	420.5	501.7	586.0	673.0	762.1	852.8	944.8	1037.8	3
29					214.8	285.8	362.8	444.9	531.3	621.1	713.9	809.0	906.1	1004.6	1104.4	4
30						301.3	382.8	469.7	561.3	656.8	755.4	856.7	960.2	1065.4	1172.0	4
31						317.2	403.1	494.9	591.8	692.9	797.5	905.1	1015.1	1127.1	1240.7	4
32						333.3	423.7	520.5	622.7	729.5	840.2	954.2	1070.8	1189.7	1310.4	4
33						349.6	444.6	546.4	654.1	766.7	883.5	1003.9	1127.3	1253.2	1381.1	1
34						366.1	465.8	572.7	685.8	804.3	927.3	1054.3	1184.5	1317.5	1452.8	1
35							487.3	599.3	717.9	842.3	971.7	1105.3	1242.4	1382.7	1525.4	3
36							509.0	626.2	750.4	880.8	1016.6	1156.9	1301.1	1448.6	1599.0	1
37							531.0	653.4	783.3	919.8	1062.0	1209.1	1360.4	1515.3	1673.4	0
38							553.3	681.0	816.6	959.2	1107.9	1261.8	1420.4	1582.8	1748.7	0
39							575.8	708.8	850.2	999.0	1154.3	1315.2	1481.0	1651.1	1824.8	0
40								737.0	884.2	1039.3	1201.2	1369.1	1542.3	1720.0	1901.8	0
41								765.5	918.6	1080.0	1248.6	1423.6	1604.2	1789.7	1979.5	0
42								794.3	953.4	1121.0	1296.4	1478.6	1666.7	1860.1	2058.1	0
43								823.4	988.4	1167.5	1344.8	1534.1	1722.9	1931.2	2137.5	0
44								852.8	1023.9	1204.5	1393.6	1590.2	1793.6	2003.0	2217.6	0
45									1059.7	1246.8	1442.8	1646.9	1858.0	2075.4	2298.5	0
46									1095.8	1289.5	1492.6	1704.0	1922.9	2148.6	2380.1	0
47									1132.3	1332.6	1542.7	1761.7	1988.5	2222.3	2462.5	0
48									1169.2	1376.1	1593.4	1819.8	2054.6	2296.8	2545.6	0
49									1206.3	1420.1	1644.5	1878.5	2121.3	2371.8	2629.4	0
50									1243.9	1464.4	1696.0	1937.7	2188.5	2447.5	2713.9	0
BASIS TREES	0	0	4	13	23	25	15	9	5	8	2	1	1	0	0	0

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIP - UNFORKED TREES
 DOUGLAS-FIR
 LINCOLN-TONTON N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS FO	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.1	1.5	1.9	2.3	2.8	3.2									0
8	1.7	3.0	4.4	5.8	7.2	8.5	9.9	11.3								0
9	2.9	5.7	8.4	11.1	13.8	16.6	19.3	22.0	24.7							5
10		8.8	13.2	17.6	22.0	26.5	30.9	35.3	39.7							6
11		12.4	18.8	25.2	31.6	38.1	44.5	50.9	57.3	63.7						8
12		16.4	25.1	33.8	42.5	51.2	59.9	68.6	77.3	86.0						5
13		20.9	32.1	43.4	54.6	65.9	77.1	88.4	99.6	110.9	122.1					6
14		25.8	39.8	53.9	67.9	82.0	96.0	110.1	124.2	138.2	152.3	202.2				5
15			48.2	65.3	82.4	99.5	116.6	133.7	150.8	167.9	185.0	240.9				6
16			57.2	77.6	98.0	118.4	138.8	159.2	179.6	200.0	220.4	282.4	306.3			4
17			66.8	90.7	114.7	138.6	162.6	186.6	210.5	234.5	258.4	326.7	354.4			2
18			77.0	104.8	132.5	160.3	188.0	215.7	243.5	271.2	299.0	373.8	405.6			4
19			87.9	119.7	151.5	183.2	215.0	246.7	278.5	310.3	342.0	423.7	459.7			5
20				135.5	171.5	207.5	243.6	279.6	315.6	351.6	387.6	476.3	516.8			3
21				152.1	192.7	233.2	273.7	314.2	354.7	395.2	435.8	531.7	576.9			1
22				169.7	214.9	260.2	305.4	350.7	395.9	441.2	486.4	589.8	640.0			5
23				188.0	238.3	288.5	338.7	388.9	439.1	489.3	539.6	650.6	706.1			3
24				207.3	262.7	318.1	373.5	429.0	484.4	539.8	595.2	714.2	775.1			0
25					288.2	349.1	410.0	470.8	531.7	592.5	653.4	780.6	847.1			1
26					314.9	381.4	447.9	514.5	581.0	647.5	714.0	849.6	922.0			5
27					342.6	415.0	487.5	559.9	632.3	704.8	777.2	894.5	994.5			0
28					371.4	450.0	528.6	607.1	685.7	764.3	842.8	921.4	1000.0			0
29					401.3	486.3	571.2	656.2	741.1	826.0	911.0	995.9	1080.8			3
30						523.9	615.4	707.0	798.5	890.1	981.6	1073.1	1164.7			0
31						562.8	661.2	759.6	858.0	956.3	1054.7	1153.1	1251.5			0
32						603.1	708.5	814.0	919.4	1024.9	1130.3	1235.8	1341.2			1
33						644.7	757.4	870.2	982.9	1095.7	1208.4	1321.2	1433.9			0
34						687.6	807.9	928.2	1048.5	1168.7	1289.0	1409.3	1529.6			1
35							859.9	987.9	1116.0	1244.1	1372.1	1500.2	1628.2			3
36							913.4	1049.5	1185.6	1321.6	1457.7	1593.7	1729.8			1
37							968.6	1112.8	1257.1	1401.4	1545.7	1690.0	1834.3			0
38							1025.2	1178.0	1330.7	1483.5	1636.3	1789.0	1941.8			0
39							1083.5	1244.9	1406.4	1567.8	1729.3	1890.8	2052.2			0
40								1313.6	1484.0	1654.4	1824.8	1995.2	2165.6			0
41								1384.1	1563.7	1743.2	1922.8	2102.4	2281.9			0
42								1456.4	1645.4	1834.3	2023.3	2212.2	2401.2			0
43								1530.5	1729.1	1927.7	2126.2	2324.8	2523.4			0
44								1606.4	1814.8	2023.2	2231.7	2440.1	2648.6			0
45									1902.5	2121.1	2339.6	2558.2	2776.7			0
46									1992.3	2221.2	2450.0	2678.9	2907.8			0
47									2084.1	2323.5	2562.9	2802.4	3041.8			0
48									2177.9	2428.1	2678.3	2928.5	3178.0			0
49									2273.7	2535.0	2796.2	3057.4	3318.7			0
50									2371.6	2644.0	2916.5	3189.0	3461.5			0

BASIS
TREES

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DBH
DOUGLAS-FIR
LINCOLN-TONTON N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES				
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
7	.6	1.0	1.4	1.9	2.3	2.7	3.2								
8	1.4	2.7	4.1	5.6	7.0	8.4	9.8	11.2							
9	2.3	4.9	7.6	10.4	13.2	16.0	18.9	21.7	24.5						
10		7.1	11.4	15.9	20.5	25.2	29.8	34.4	39.0						
11		9.2	15.2	21.7	28.4	35.2	42.1	48.9	55.7	62.4					
12		11.0	18.9	27.5	36.6	45.8	55.2	64.6	73.9	83.2					
13		12.3	22.0	32.9	44.5	56.6	68.8	81.0	93.3	105.5					
14		13.2	24.6	37.8	52.1	67.1	82.4	97.9	113.4	128.8					
15			26.7	42.1	59.2	77.2	95.9	114.8	133.9	153.0					
16			28.1	45.8	65.6	86.9	109.0	131.7	154.6	177.6					
17			29.1	49.0	71.6	96.2	121.9	148.5	175.4	202.6					
18			29.9	51.8	77.2	105.0	134.5	165.1	196.3	227.8					
19			30.3	54.3	82.5	113.6	146.9	181.6	217.2	253.3					
20				56.7	87.6	122.0	159.1	198.0	238.1	279.0					
21				58.9	92.5	130.3	171.2	214.4	259.1	304.9					
22				61.0	97.2	138.4	183.2	230.7	280.2	330.9					
23				63.0	101.9	146.4	195.1	247.0	301.2	357.1					
24				64.9	106.4	154.2	206.9	263.2	322.3	383.4					
25					110.9	162.0	218.6	279.3	343.3	409.7					
26					115.2	169.6	230.1	295.4	364.3	436.0					
27					119.3	177.0	241.4	311.2	385.2	462.4					
28					123.3	184.2	252.6	326.9	405.9	488.6					
29					127.1	191.3	263.6	342.4	426.5	514.7					
30						198.1	274.3	357.7	446.9	540.7					
31						204.7	284.8	372.7	467.1	566.5					
32						211.0	295.0	387.5	487.0	592.1					
33						217.2	305.0	402.0	506.7	617.5					
34						223.0	314.7	416.3	526.0	642.6					
35							324.1	430.2	545.1	667.4					
36							333.2	443.8	565.9	692.0					
37							342.0	457.1	582.3	716.2					
38							350.5	470.0	600.4	740.0					
39							358.6	482.6	618.1	763.5					
40								494.8	635.5	786.7					
41								506.7	652.5	809.5					
42								518.3	669.1	831.8					
43								529.4	685.4	853.8					
44								540.2	701.2	875.4					
45								716.6	896.6	1088.7					
46								731.7	917.3	1115.8					
47								746.3	937.6	1142.5					
48								760.5	957.5	1168.7					
49								774.2	976.9	1194.5					
50								787.6	995.9	1219.8					
BASIS TREES	0	0	4	13	23	25	15	9	5	8	2	1	1	0	0

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES
DOUGLAS-FIR
SANTA FE-CAPSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.4															0
2	.4	.5														0
3	.5	1.0	.9													0
4	.6	1.3	1.3	1.6												0
5	.8	1.3	1.8	2.3	2.7	4.5										3
6	1.0	2.2	2.4	3.1	3.8	6.0	6.9	10.2	14.3	23.5	36.0					11
7	1.3	2.8	3.2	4.1	5.0	7.7	8.9	12.8	17.6	28.0	41.7					11
8	1.6	3.4	4.0	5.3	6.5	9.7	11.2	15.7	22.4	32.8	47.8					6
9	1.9	4.2	5.0	6.6	8.1	11.8	13.8	18.9	25.7	37.9	54.4					6
10		4.2	6.1	8.0	9.9	14.3	16.6	22.4	30.4	43.5	61.3					6
11		5.0	7.3	9.6	11.9	16.9	19.7	26.3	34.2	49.4	68.7					4
12		5.9	8.6	11.4	14.2	19.8	23.0	30.4	39.2	55.8	76.5					7
13		6.8	10.1	13.3	16.5	22.9	26.7	34.9	44.5	62.5	84.7					1
14		7.9	11.6	15.4	19.1	26.2	30.5	39.6	49.4	69.6	93.4					4
15			13.3	17.6	21.9	29.8	34.7	44.7	50.2	77.1	101.8					4
16			15.1	20.0	24.9	33.6	39.1	49.1	56.3	83.9	108.2					1
17			17.0	22.5	28.1	37.6	43.8	50.1	56.3	83.9	108.2					1
18			19.0	25.2	31.4	41.9	48.8	55.7	62.7	91.7	111.9					2
19			21.1	28.0	35.0	46.4	54.0	61.7	69.4	99.8	121.9					2
20				31.0	38.7	46.4	54.0	61.7	69.4	99.8	121.9					3
21				34.2	42.6	51.1	59.5	68.0	76.5	101.8	121.9					2
22				37.5	46.8	56.0	65.3	74.6	83.9	101.8	121.9					3
23				40.9	51.1	61.2	71.4	81.5	91.7	101.8	121.9					0
24				44.5	55.6	66.6	77.7	88.7	99.8	110.8	132.2					0
25					60.3	72.3	84.3	96.2	108.2	120.2	142.2					0
26					65.2	78.1	91.1	104.1	117.0	130.0	153.0					0
27					70.3	84.2	98.2	112.2	126.2	140.2	163.2					0
28					75.5	90.6	105.6	120.6	135.7	150.7	173.7					0
29					81.0	97.1	113.3	129.4	145.5	161.6	177.8					0
30						103.9	121.2	138.4	155.7	173.0	190.2					0
31						110.9	129.4	147.8	166.2	184.7	203.1					0
32						118.2	137.8	157.5	177.1	196.7	216.4					0
33						125.7	146.5	167.4	188.3	209.2	230.1					0
34						133.4	155.5	177.7	199.9	222.1	244.2					0
35							164.8	188.3	211.8	235.3	258.8					0
36							174.3	199.2	224.1	248.9	273.8					0
37							184.1	210.4	236.7	262.9	289.2					0
38							194.2	221.9	249.6	277.3	305.0					0
39							204.5	233.7	262.9	292.1	321.2					0
40								245.8	276.5	307.2	337.9					0
41								258.3	290.5	322.8	355.0					0
42								271.0	304.8	338.7	372.5					0
43								284.0	319.5	355.0	390.4					0
44								297.4	334.5	371.7	408.8					0
45									349.9	388.7	427.6					0
46									365.6	406.2	446.8					0
47									381.7	424.0	466.4					0
48									398.1	442.2	486.4					0
49									414.8	460.8	506.9					0
50									431.9	479.8	527.8					0

TOTAL STEM NET CUBIC FOOT VOLUME
DOUGLAS-FIR
SANTA FE-CARSON N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
1	4															0
2	4	.5														0
3	5	.7	.9													0
4	6	.9	1.3													0
5	8	1.3	1.8	1.6												4
6	1.0	1.7	2.4	2.2	2.7	4.4										12
7	1.3	2.2	3.1	3.1	3.8	5.9										12
8	1.6	2.8	4.0	5.2	5.0	7.6	6.9									6
9	1.9	3.4	4.9	6.5	8.0	9.5	11.1	10.0	14.1							9
10		4.1	6.0	7.9	9.8	11.7	13.6	15.5	17.3							7
11		4.9	7.2	9.5	11.8	14.0	16.3	18.6	20.9							5
12		5.8	8.5	11.2	13.9	16.6	19.3	22.0	24.7	23.1						8
13		6.7	9.9	13.0	16.2	19.4	22.5	25.7	28.8	27.4						6
14		7.7	11.4	15.0	18.7	22.4	26.0	29.7	33.3	36.9	35.1					9
15			13.0	17.2	21.4	25.5	29.7	33.9	38.0	42.2	40.6					7
16			14.7	19.4	24.2	28.9	33.6	38.4	43.1	47.8	52.5					4
17			16.5	21.8	27.2	32.5	37.8	43.1	48.4	53.6	58.9					1
18			18.4	24.4	30.3	36.2	42.2	48.1	53.9	59.8	65.7					6
19			20.4	27.0	33.6	40.2	46.7	53.3	59.8	66.3	72.7					5
20				29.8	37.1	44.3	51.5	58.7	65.9	73.0	80.1					1
21				32.7	40.7	48.6	56.5	64.4	72.2	80.0	87.7					3
22				35.7	44.4	53.1	61.7	70.2	78.7	87.2	95.5					2
23				38.8	48.3	57.7	67.0	76.3	85.5	94.7	103.8					0
24				42.1	52.3	62.5	72.6	82.6	92.5	102.4	112.2					3
25					56.5	67.4	78.3	89.0	99.7	110.3	120.9					2
26					60.8	72.5	84.2	95.7	107.1	118.5	129.8					0
27					65.2	77.8	90.2	102.5	114.8	126.9	139.0					0
28					69.8	83.2	96.4	109.6	122.6	135.5	148.3					0
29					74.5	88.7	102.8	116.8	130.6	144.3	158.0					0
30						94.4	109.4	124.2	138.9	153.4	167.8					0
31						100.3	116.1	131.8	147.3	162.7	177.9					0
32						106.3	123.0	139.6	155.9	172.1	188.2					0
33						112.5	130.1	147.5	164.8	181.9	198.8					0
34						118.7	137.3	155.7	173.8	191.8	209.6					0
35							144.7	164.0	183.1	201.9	220.7					0
36							152.3	172.5	192.5	212.3	232.0					0
37							160.0	181.2	202.2	222.9	243.5					0
38							167.9	190.1	212.1	233.8	255.4					0
39							176.0	199.2	222.2	244.9	267.5					0
40								208.5	232.5	256.2	279.8					0
41								217.9	243.0	267.8	292.5					0
42								227.6	253.7	279.7	305.4					0
43								237.5	264.7	291.7	318.6					0
44								247.5	275.9	304.1	332.1					0
45								287.3	316.7	345.9	375.0					0
46								299.0	329.5	360.0	390.3					0
47								310.9	342.7	374.4	406.0					0
48								323.0	356.1	389.0	422.0					0
49								335.3	369.7	404.0	438.3					0
50								347.9	383.7	419.3	455.0					0
BASIS TREES	0	0	22	23	17	12	14	6	2	0	0	0	0	0	0	0

GROSS CUBIC FOOT VOLUME TO TOP OF 4 INCHES-UNFORKED TREES
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS FO	90	100	110	120	130	140	150	BASIS TREES
5	.5	.6	.7	.8	.9											3
6	.7	1.1	1.5	1.9	2.3	2.7	5.2									11
7	1.0	1.7	2.4	3.1	3.8	4.5										11
8	1.2	2.3	3.3	4.3	5.4	6.4	7.4	8.5								6
9	1.5	2.9	4.3	5.7	7.1	8.5	9.9	11.2	12.6							6
10		3.6	5.3	7.1	8.9	10.7	12.5	14.2	16.0							6
11		4.3	6.5	8.7	10.9	13.1	15.3	17.5	19.7	21.9	34.3					7
12		5.1	7.7	10.4	13.0	15.7	18.4	21.0	23.7	26.3						4
13		5.9	9.1	12.2	15.4	18.5	21.7	24.8	28.0	31.1						1
14		6.8	10.5	14.2	17.9	21.5	25.2	28.9	32.6	36.2	39.9					4
15			12.0	16.3	20.5	24.8	29.0	33.3	37.5	41.7	46.0	50.2				6
16			13.7	18.5	23.4	28.2	33.1	37.9	42.7	47.6	52.4	57.3				7
17			15.4	20.9	26.4	31.9	37.3	42.8	48.3	53.8	59.3	64.8				4
18			17.3	23.4	29.6	35.7	41.9	48.1	54.2	60.4	66.5	72.7				1
19			19.2	26.1	33.0	39.8	46.7	53.6	60.4	67.3	74.2	81.1	87.9			2
20				28.9	36.5	44.1	51.7	59.4	67.0	74.6	82.2	89.9	97.5	94.8		2
21				31.8	40.2	48.6	57.1	65.5	73.9	82.3	90.7	99.1	107.5	105.1	124.4	0
22				34.9	44.1	53.4	62.6	71.9	81.1	90.3	99.6	108.8	118.1	116.0	136.6	0
23				38.1	48.2	58.3	68.4	78.5	88.7	98.8	108.9	119.0	129.1	127.3	149.3	3
24				41.5	52.5	63.5	74.5	85.5	96.5	107.5	118.6	129.6	140.6	139.2	162.6	2
25					56.9	68.9	80.8	92.8	104.8	116.7	128.7	140.6	152.6	151.6	176.5	0
26					61.6	74.5	87.4	100.4	113.3	126.2	139.2	152.1	165.0	164.5	190.9	0
27					66.4	80.3	94.3	108.2	122.2	136.1	150.1	164.0	178.0	178.0	205.9	0
28					71.4	86.4	101.4	116.4	131.4	146.4	161.4	176.4	191.4	206.4	221.4	0
29					76.5	92.6	108.7	124.8	140.9	157.0	173.1	189.2	205.4	221.5	237.6	0
30						99.1	116.3	133.6	150.8	168.1	185.3	202.5	219.8	237.0	254.2	0
31						105.8	124.2	142.6	161.0	179.4	197.8	216.3	234.7	253.1	271.5	0
32						112.7	132.3	152.0	171.6	191.2	210.8	230.4	250.0	269.7	289.3	0
33						119.9	140.7	161.6	182.5	203.3	224.2	245.1	265.9	286.8	307.6	0
34						127.2	149.4	171.5	193.7	215.8	238.0	260.1	282.3	304.4	326.6	0
35							158.3	181.8	205.2	228.7	252.2	275.6	299.1	322.6	346.1	0
36							167.4	192.3	217.1	241.9	266.8	291.6	316.5	341.3	366.1	0
37							176.9	203.1	229.3	255.6	281.8	308.0	334.3	360.5	386.8	0
38							186.5	214.2	241.9	269.6	297.2	324.9	352.6	380.3	407.9	0
39							196.5	225.6	254.8	283.9	313.1	342.2	371.4	400.5	429.7	0
40								237.3	268.0	298.7	329.3	360.0	390.7	421.3	452.0	0
41								249.3	281.5	313.8	346.0	378.2	410.4	442.7	474.9	0
42								261.6	295.4	329.2	363.1	396.9	430.7	464.5	498.3	0
43								274.2	309.6	345.1	380.5	416.0	451.4	486.9	522.3	0
44								287.1	324.2	361.3	398.4	435.5	472.7	509.8	546.9	0
45									339.1	377.9	416.7	455.6	494.4	533.2	572.0	0
46									354.3	394.9	435.5	476.0	516.6	557.2	597.7	0
47									369.9	412.2	454.6	496.9	539.3	581.6	624.0	0
48									385.8	429.9	474.1	518.3	562.5	606.6	650.8	0
49									402.0	448.0	494.1	540.1	586.1	632.2	678.2	0
50									418.6	466.5	514.4	562.4	610.3	658.2	706.2	0
BASIS TREES	0	0	19	19	14	9	11	6	2	0	0	0	0	0	0	0

NET CUBIC FOOT VOLUME TO TOP OF 4 INCHES
DOUGLAS-FIR
SANTA FE-CAPSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS FO	90	100	110	120	130	140	150	BASIS TREES
5	.5	.6	.7	.8	.9											4
6	.7	1.1	1.5	1.9	2.3	2.7	5.2									12
7	1.0	1.7	2.4	3.1	3.8	4.5	7.4	8.4								12
8	1.2	2.2	3.3	4.3	5.3	6.3	9.7									6
9	1.5	2.8	4.2	5.6	7.0	8.3	12.3									9
10		3.5	5.3	7.0	8.8	10.5	15.8	12.5								7
11		4.2	6.4	8.5	10.7	12.9	19.4	17.2	19.4	21.5						5
12		5.0	7.6	10.2	12.8	15.4	23.2	20.6	27.3	30.4	33.4					3
13		5.8	8.9	12.0	15.0	18.1	26.6	24.3	31.7	35.3	38.8	48.6				1
14		6.7	10.3	13.9	17.4	21.0	29.2	28.2	36.4	40.5	44.6	55.2	67.3			5
15			11.7	15.9	20.0	24.1	32.0	32.3	41.3	46.0	50.6	62.1	75.2			6
16			13.3	18.0	22.7	27.4	36.0	36.7	46.5	51.7	56.9	69.4	83.4			7
17			15.0	20.3	25.5	30.8	40.3	41.3	52.0	57.8	63.6	77.0	91.9	89.7		1
18			16.7	22.6	28.5	34.4	44.7	46.1	57.7	64.1	70.6	84.8	100.7	108.4	116.0	2
19			18.5	25.1	31.7	38.2	49.3	51.2	63.6	70.7	77.8	93.0	109.8	118.2	126.4	0
20				27.7	34.9	42.2	54.1	56.5	69.8	77.6	85.3	101.5	119.2	128.2	137.2	3
21				30.4	38.4	46.3	59.1	62.0				110.2	128.9	138.6	148.3	2
22				33.2	41.9	50.5	64.3	73.6	82.8	92.0	101.1	119.2	138.9	149.3	159.7	0
23				36.2	45.6	55.0	69.6	79.7	89.6	99.5	109.4	128.4	148.9	160.3	171.4	0
24				39.2	49.4	59.6	75.2	86.0	96.7	107.3	117.9	137.9	159.6	171.5	183.3	0
25					53.4	64.3	80.9	92.4	103.9	115.3	126.7	147.7	170.4	183.0	195.6	0
26					57.4	69.2	86.7	99.1	111.4	123.5	135.7	157.7	181.4	194.8	208.1	0
27					61.7	74.2	92.7	105.9	119.0	132.0	144.9	167.9	192.7	206.9	221.0	0
28					66.0	79.4	98.9	113.0	126.9	140.6	154.3	178.4	204.2	219.2	234.1	0
29					70.4	84.8	105.3	120.2	134.9	149.5	164.0	189.1	216.1	231.9	247.6	0
30						90.2	111.8	127.5	143.1	158.6	173.9	189.1	220.1	234.1	247.6	0
31						95.9	118.5	135.1	151.6	167.9	184.1	200.1	228.1	243.8	261.4	0
32						101.6	125.3	142.9	160.2	177.4	194.5	211.4	240.5	258.0	275.5	0
33						107.5	132.3	150.8	169.1	187.2	205.1	222.9	253.2	271.6	289.9	0
34						113.6	139.5	158.9	178.1	197.1	215.9	234.6	266.1	285.4	304.7	0
35							146.8	167.2	187.3	207.3	227.0	246.6	279.3	299.6	319.8	0
36							154.3	175.6	196.8	217.7	238.4	258.9	292.8	314.1	335.2	0
37							161.9	184.3	206.4	228.3	250.0	271.5	306.7	328.9	351.0	0
38							169.7	193.1	216.3	239.1	261.8	284.3	320.8	344.1	367.2	0
39								202.1	226.3	250.2	273.9	297.4	334.1	358.0	383.8	0
40								211.3	236.6	261.5	286.3	310.8	335.3	359.6	383.8	0
41								220.7	247.0	273.1	298.9	324.5	350.0	375.4	400.7	0
42								230.3	257.7	284.8	311.8	338.5	365.1	391.6	418.1	0
43								240.0	268.6	296.9	324.9	352.8	380.6	408.2	435.8	0
44									279.7	309.1	338.3	367.4	396.3	425.2	454.0	0
45									291.0	321.6	352.0	382.3	412.4	442.5	472.5	0
46									302.5	334.4	366.0	397.5	428.9	460.2	491.5	0
47									314.3	347.4	380.3	413.0	445.7	478.3	510.9	0
48									326.2	360.6	394.8	428.9	462.9	496.8	530.7	0
49									338.4	374.1	409.6	445.0	480.4	515.7	551.0	0
50																0
BASIS TREES	0	0	22	23	17	12	14	6	2	0	0	0	0	0	0	0

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES				
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
7	.4	.6	.7	.9	1.0	1.2	1.4								11
8	.8	1.4	1.9	2.5	3.1	3.7	4.3	4.9							6
9	1.1	2.1	3.1	4.2	5.2	6.2	7.2	8.2	9.2						6
10		2.9	4.4	5.8	7.3	8.7	10.2	11.7	13.1						6
11		3.7	5.6	7.6	9.5	11.4	13.3	15.3	17.2	19.1					4
12		4.6	7.0	9.4	11.8	14.2	16.6	19.1	21.5	23.9					7
13		5.5	8.4	11.3	14.3	17.2	20.1	23.1	26.0	28.9	31.9				1
14		6.4	9.9	13.4	16.9	20.4	23.9	27.3	30.8	34.3	37.8				4
15			11.5	15.6	19.6	23.7	27.8	31.8	35.9	40.0	44.0	48.1			4
16			13.2	17.9	22.6	27.3	31.9	36.6	41.3	46.0	50.7	55.4			4
17			15.0	20.3	25.7	31.0	36.3	41.7	47.0	52.3	57.7	63.0	68.3		1
18			16.9	22.9	28.9	34.9	41.0	47.0	53.0	59.0	65.1	71.1	77.1		1
19			18.8	25.6	32.3	39.1	45.8	52.6	59.3	66.1	72.8	79.6	86.3		2
20				28.4	35.9	43.4	51.0	58.5	66.0	73.5	81.0	88.5	96.0	103.5	3
21				31.4	39.7	48.0	56.3	64.6	72.9	81.2	89.5	97.9	106.2	114.5	2
22				34.5	43.6	52.8	61.9	71.1	80.2	89.4	98.5	107.6	116.8	125.9	1
23				37.7	47.8	57.8	67.8	77.8	87.8	97.8	107.9	117.9	127.9	137.9	3
24				41.1	52.1	63.0	73.9	84.8	95.8	106.7	117.6	128.5	139.5	150.4	2
25				56.5	68.4	80.3	92.1	104.0	115.9	127.8	139.6	151.5	163.4	175.2	0
26				61.2	74.0	86.9	99.8	112.6	125.5	138.3	151.2	164.0	176.9	189.7	0
27				66.0	79.9	93.8	107.6	121.5	135.4	149.3	163.2	177.0	190.9	204.8	0
28				71.0	86.0	100.9	115.8	130.8	145.7	160.7	175.6	190.5	205.5	220.4	0
29				76.2	92.2	108.3	124.3	140.4	156.4	172.4	188.5	204.5	220.5	236.6	0
30					98.7	115.9	133.1	150.3	167.4	184.6	201.8	219.0	236.1	253.3	0
31					105.5	123.8	142.2	160.5	178.8	197.2	215.5	233.9	252.2	270.6	0
32					112.4	132.0	151.5	171.1	190.6	210.2	229.8	249.3	268.9	288.4	0
33					119.5	140.4	161.2	182.0	202.8	223.6	244.4	265.2	286.0	306.8	0
34					126.9	149.0	171.1	193.2	215.3	237.4	259.5	281.6	303.7	325.8	0
35						157.9	181.4	204.8	228.2	251.6	275.1	298.5	321.9	345.3	0
36						167.1	191.9	216.7	241.5	266.3	291.1	315.8	340.6	365.4	0
37						176.5	202.7	228.9	255.1	281.3	307.5	333.7	359.9	386.1	0
38						186.2	213.9	241.5	269.1	296.8	324.4	352.0	379.7	407.3	0
39						196.2	225.3	254.4	283.5	312.6	341.7	370.8	399.9	429.1	0
40							237.0	267.6	298.2	328.9	359.5	390.1	420.8	451.4	0
41							249.0	281.2	313.4	345.6	377.7	409.9	442.1	474.3	0
42							261.3	295.1	328.9	362.6	396.4	430.2	464.0	497.8	0
43							273.9	309.3	344.7	380.1	415.6	451.0	486.4	521.8	0
44							286.8	323.9	361.0	398.0	435.1	472.2	509.3	546.4	0
45								338.8	377.6	416.4	455.2	493.9	532.7	571.5	0
46								354.0	394.6	435.1	475.6	516.2	556.7	597.2	0
47								369.6	411.9	454.2	496.6	538.9	581.2	623.5	0
48								385.5	429.6	473.8	517.9	562.1	606.2	650.4	0
49								401.7	447.7	493.7	539.7	585.8	631.8	677.8	0
50								418.3	466.2	514.1	562.0	609.9	657.8	705.7	0

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
DOUGLAS-FIR
SANTA FE-CAPSON N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	.4	.6	.7	.9	1.0	1.2	1.3									12
8	.8	1.3	1.9	2.5	3.1	3.7	4.2	4.8								6
9	1.1	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1							9
10		2.9	4.3	5.7	7.2	8.6	10.0	11.5	12.9							7
11		3.7	5.6	7.4	9.3	11.2	13.1	15.0	16.9	18.7						5
12		4.5	6.9	9.2	11.6	13.9	16.3	18.7	21.0	23.4						8
13		5.4	8.2	11.1	14.0	16.8	19.7	22.5	25.4	28.2	31.1					1
14		6.3	9.7	13.1	16.5	19.9	23.2	26.6	30.0	33.3	36.7					6
15			11.2	15.2	19.1	23.0	27.0	30.9	34.8	38.7	42.6	46.5				5
16			12.8	17.4	21.9	26.4	30.9	35.4	39.9	44.4	48.8	53.3				5
17			14.5	19.7	24.8	29.9	35.0	40.1	45.2	50.3	55.3	60.4				1
18			16.3	22.1	27.8	33.6	39.3	45.0	50.7	56.4	62.1	67.8				1
19			18.1	24.6	31.0	37.4	43.8	50.2	56.5	62.9	69.2	75.5				3
20				27.2	34.3	41.4	48.5	55.5	62.5	69.5	76.5	83.4				3
21				29.9	37.8	45.6	53.3	61.1	68.8	76.4	84.1	91.7		88.0		2
22				32.8	41.4	49.9	58.4	66.8	75.2	83.6	91.9	100.2		97.3	114.4	0
23				35.7	45.1	54.3	63.6	72.8	81.9	91.0	100.0	109.0		106.8	124.9	0
24				38.8	48.9	59.0	69.0	78.9	88.8	98.6	108.3	118.1		116.7	126.9	3
25					52.9	63.7	74.5	85.2	95.8	106.4	116.9	127.4		126.9	135.8	2
26					57.0	68.6	80.2	91.7	103.1	114.4	125.7	136.9		137.8	146.9	0
27					61.2	73.7	86.1	98.4	110.6	122.7	134.7	146.7		148.1	158.4	0
28					65.5	78.9	92.1	105.2	118.3	131.2	144.0	156.7		159.1	170.1	0
29					70.0	84.2	98.3	112.3	126.1	139.9	153.5	167.0		169.4	182.2	0
30						89.7	104.7	119.5	134.2	148.8	163.2	177.5		180.5	194.5	0
31						95.3	111.2	126.9	142.5	157.9	173.2	188.3		191.8	207.1	0
32						101.1	117.9	134.5	150.9	167.2	183.3	199.3		205.9	220.0	0
33						107.0	124.8	142.3	159.6	176.7	193.7	210.6		218.3	233.2	0
34						113.1	131.8	150.2	168.4	186.5	204.4	222.1		231.0	246.7	0
35							138.9	158.3	177.5	196.5	215.3	233.9		244.0	260.5	0
36							146.3	166.6	186.8	206.7	226.4	246.0		257.3	274.7	0
37							153.8	175.1	196.2	217.1	237.8	258.3		270.9	289.2	0
38							161.4	183.8	205.9	227.7	249.4	270.9		284.7	304.0	0
39							169.2	192.6	215.7	238.6	261.3	283.8		297.3	319.1	0
40								201.7	225.8	249.7	273.4	296.9		313.5	334.6	0
41								210.9	236.1	261.0	285.8	310.4		328.3	350.5	0
42								220.3	246.6	272.6	298.4	324.1		343.5	366.7	0
43								229.9	257.3	284.4	311.3	338.1		359.1	383.3	0
44								239.6	268.2	296.5	324.5	352.4		375.0	400.3	0
45								279.3	279.3	308.7	338.0	367.0		391.2	417.7	0
46								290.6	290.6	321.3	351.7	382.0		407.9	435.5	0
47								302.2	302.2	334.0	365.7	397.2		424.8	453.6	0
48								313.9	313.9	347.1	380.0	412.8		442.2	472.2	0
49								325.9	325.9	360.3	394.5	428.6		459.9	491.2	0
50								338.1	338.1	373.9	409.4	444.8		478.1	510.7	0
														515.5	550.8	0
BASIS TREES	0	0	22	23	17	12	14	5	2	0	0	0	0	0	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIA-UNFORKED TREES
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	.9	1.1	1.3	1.6	1.8	2.0										11
8	2.1	3.6	5.2	6.8	8.3	9.9	11.5	13.0									6
9	3.9	7.4	11.0	14.5	18.0	21.6	25.1	28.7	32.2								6
10		11.8	17.8	23.7	29.7	35.6	41.5	47.5	53.4								6
11		16.8	25.4	34.1	42.7	51.4	60.0	68.7	77.3	86.0							4
12		22.1	33.8	45.4	57.1	68.7	80.4	92.0	103.7	115.3							7
13		27.9	42.8	57.7	72.6	87.5	102.4	117.4	132.3	147.2	162.1						1
14		34.1	52.5	70.9	89.3	107.7	126.2	144.6	163.0	181.4	199.8						4
15			62.8	85.0	107.2	129.3	151.5	173.7	195.9	218.0	240.2	262.4					4
16			73.8	100.0	126.1	152.3	178.5	204.7	230.8	257.0	283.2	309.4					4
17			85.4	115.8	146.3	176.7	207.1	237.5	267.9	298.4	328.8	359.2					4
18			97.7	132.6	167.5	202.4	237.4	272.3	307.2	342.1	377.0	411.9					1
19			110.7	150.3	190.0	229.6	269.2	308.9	348.5	388.2	427.8	467.5					2
20				168.9	213.5	258.2	302.8	347.4	392.0	436.7	481.3	525.9					3
21				188.4	238.3	288.1	338.0	387.8	437.7	487.6	537.4	587.3					2
22				208.8	264.2	319.5	374.8	430.2	485.5	540.8	596.2	651.5					0
23				230.2	291.2	352.3	413.3	474.4	535.5	596.5	657.6	718.7					3
24				252.4	319.5	386.5	453.5	520.6	587.6	654.6	721.7	788.7					2
25					348.9	422.1	495.4	568.6	641.9	715.2	788.4	861.7					0
26					379.5	459.2	538.9	618.7	698.4	778.1	857.9	937.6					0
27					411.2	497.7	584.1	670.6	757.0	843.5	930.0	1016.4					0
28					444.2	537.6	631.0	724.4	817.9	911.3	1004.7	1098.2					0
29					478.3	578.9	679.6	780.2	880.9	981.6	1082.2	1182.9					0
30						621.7	729.8	838.0	946.1	1054.2	1162.4	1270.5					0
31						665.9	781.8	897.6	1013.5	1129.4	1245.2	1361.1					0
32						711.6	835.4	959.2	1083.1	1206.9	1330.8	1454.6					0
33						758.7	890.7	1022.8	1154.9	1286.9	1419.0	1551.0					0
34						807.2	947.7	1088.3	1228.8	1369.4	1509.9	1650.5					0
35							1006.4	1155.7	1305.0	1454.3	1603.5	1752.8					0
36							1066.8	1225.1	1383.3	1541.6	1699.9	1858.1					0
37							1128.9	1296.4	1463.9	1631.4	1798.9	1966.4					0
38							1192.7	1369.7	1546.6	1723.6	1900.6	2077.6					0
39							1258.1	1444.9	1631.6	1818.3	2005.0	2191.8					0
40								1522.0	1718.7	1915.5	2112.2	2308.9					0
41								1601.1	1808.1	2015.1	2222.0	2429.0					0
42								1682.2	1899.6	2117.1	2334.6	2552.0					0
43								1765.2	1993.4	2221.6	2449.8	2678.0					0
44								1850.1	2089.3	2328.5	2567.8	2807.0					0
45									2187.5	2437.9	2688.4	2938.9					0
46									2287.8	2549.8	2811.8	3073.8					0
47									2390.4	2664.1	2937.9	3211.6					0
48									2495.1	2780.9	3066.6	3352.4					0
49									2602.1	2900.1	3198.1	3496.1					0
50									2711.3	3021.8	3332.3	3642.8					0

BASIS
TREES

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DBH
DOUGLAS-FIR
SANTA FE-CARSON N.E.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	1.5	.8	1.0	1.3	1.5	1.8	2.0									12
8	1.8	3.2	4.8	6.3	7.9	9.5	11.2	12.8								6
9	3.3	6.5	9.8	13.3	16.9	20.5	24.1	27.8								9
10		10.1	15.6	21.3	27.1	33.1	39.1	45.2	31.4							7
11		14.1	21.8	29.8	38.1	46.6	55.4	64.2	51.4							5
12		18.2	28.2	38.6	49.4	60.6	72.2	84.1	73.2	82.2						8
13		22.5	34.8	47.5	60.8	74.8	89.3	104.4	96.2	108.4						1
14		26.8	41.2	56.2	72.0	88.8	106.6	125.1	119.9	135.7	151.7					6
15			47.6	64.7	83.0	102.7	123.8	146.1	144.3	164.0	183.9	241.5				6
16			53.7	72.8	93.5	116.3	141.1	167.5	169.3	193.1	217.3	280.6				5
17			59.5	80.4	103.7	129.9	158.6	189.2	221.2	254.1	287.4	321.0				1
18			64.9	87.7	113.7	143.4	176.3	211.4	248.1	285.8	324.1	362.6	354.6			1
19			69.9	94.5	123.6	157.2	194.4	234.2	275.7	318.4	361.7	405.5	449.4	493.4		3
20				101.2	133.5	171.2	212.9	257.5	303.9	351.7	400.3	449.4	498.8	548.3		3
21				107.7	143.6	185.5	231.9	281.3	332.8	385.7	439.7	494.3	549.4	604.6		2
22				114.2	153.9	200.3	251.3	305.5	362.2	420.4	479.9	540.3	601.1	662.4	660.0	2
23				120.9	164.6	215.4	271.1	330.3	392.1	455.8	521.0	587.1	654.0	721.4	723.8	0
24				127.8	175.7	230.9	291.3	355.5	422.6	491.8	562.7	634.9	708.0	781.7	855.8	2
25					187.1	246.8	311.9	381.1	453.5	528.4	605.2	683.5	763.0	843.2	924.0	0
26					198.8	263.0	332.8	407.1	484.9	565.6	648.4	733.0	818.9	905.8	993.5	0
27					210.9	279.5	354.1	433.5	516.8	603.3	692.3	783.3	875.8	969.6	1064.2	0
28					223.2	296.2	375.7	460.3	549.2	641.6	730.8	834.3	933.7	1034.4	1136.3	0
29					235.8	313.3	397.6	487.4	582.0	680.4	782.0	886.1	992.4	1100.3	1209.5	0
30						330.6	419.8	515.0	615.2	719.7	827.8	938.7	1052.0	1167.2	1283.8	0
31						348.1	442.2	542.8	648.9	759.6	874.2	992.0	1112.4	1235.0	1359.3	0
32						366.0	465.0	571.0	683.0	800.0	921.2	1045.9	1173.7	1303.8	1435.9	0
33						384.0	488.1	599.6	717.5	840.8	968.8	1100.6	1235.7	1373.5	1513.6	0
34						402.3	511.4	628.5	752.4	882.2	1016.9	1155.9	1298.5	1444.1	1592.3	0
35							539.1	657.8	787.8	924.0	1065.7	1211.9	1362.1	1515.6	1671.9	0
36							559.0	687.4	823.5	966.3	1114.9	1268.6	1426.5	1588.0	1752.6	0
37							583.3	717.3	859.6	1009.1	1164.8	1325.8	1491.5	1661.2	1834.2	0
38							607.8	747.6	896.2	1052.4	1215.2	1383.8	1557.3	1735.2	1916.8	0
39							632.6	778.3	933.1	1096.1	1266.1	1442.3	1623.8	1810.0	2000.2	0
40								809.2	970.5	1140.3	1317.6	1501.4	1691.0	1885.6	2084.6	0
41								840.5	1008.2	1184.9	1369.5	1561.2	1758.9	1952.0	2169.8	0
42								872.2	1046.3	1230.0	1422.0	1621.5	1827.5	2039.2	2256.0	0
43								904.1	1084.9	1275.5	1475.0	1682.4	1896.7	2117.1	2342.9	0
44								936.4	1123.7	1321.5	1528.6	1743.9	1966.6	2195.8	2430.8	0
45									1163.0	1367.9	1582.6	1806.0	2037.2	2275.2	2519.4	0
46									1202.7	1414.8	1637.1	1868.7	2108.4	2355.4	2608.9	0
47									1242.7	1462.1	1692.2	1931.9	2180.2	2436.2	2699.1	0
48									1283.2	1509.8	1747.7	1995.7	2252.7	2517.8	2790.2	0
49									1324.0	1558.0	1803.7	2060.0	2325.8	2600.1	2882.0	0
50									1365.1	1606.6	1860.2	2124.9	2399.5	2683.0	2974.6	0

BASIS
TREES

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIP -UNFORKED TREES
 DOUGLAS-FIR
 SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	3.3						1.0									0
8	1.2	2.1	2.9	3.8	4.7	5.6	6.5	7.4								0
9	2.4	4.7	6.9	9.1	11.4	13.6	15.8	18.1	20.3							0
10		8.0	12.0	16.0	20.0	24.0	28.0	32.1	36.1							4
11		11.9	18.0	24.2	30.3	36.4	42.6	48.7	54.8	61.0						6
12		16.3	24.8	33.4	41.9	50.5	59.1	67.6	76.2	84.8						4
13		21.1	32.3	43.6	54.8	66.1	77.3	88.6	99.8	111.1	122.4					7
14		26.3	40.5	54.7	68.8	83.0	97.2	111.4	125.6	139.8	154.0					1
15			49.2	66.6	84.0	101.3	118.7	136.1	153.5	170.8	188.2	205.6				4
16			58.6	79.4	100.2	121.0	141.7	162.5	183.3	204.1	224.9	245.7				4
17			68.6	93.0	117.4	141.8	166.3	190.7	215.1	239.5	263.9	288.4	312.8			1
18			79.2	107.4	135.7	164.0	192.3	220.6	248.8	277.1	305.4	333.7	362.0	446.3		1
19			90.3	122.7	155.1	187.4	219.8	252.1	284.5	316.9	349.2	381.6	413.9	505.4		2
20				138.8	175.4	212.1	248.7	285.4	322.1	358.7	395.4	432.1	468.7	505.4		3
21				155.6	196.8	238.0	279.2	320.4	361.6	402.7	443.9	485.1	526.3	567.5	608.7	2
22				173.3	219.2	265.2	311.1	357.0	403.0	448.9	494.8	540.7	586.7	632.6	678.5	0
23				191.8	242.7	293.6	344.5	395.4	446.3	497.2	548.0	598.9	649.8	700.7	751.6	3
24				211.1	267.2	323.3	379.3	435.4	491.5	547.6	603.6	659.7	715.8	771.8	827.9	2
25					292.7	354.2	415.7	477.1	538.6	600.1	661.5	723.0	784.5	846.0	907.4	0
26					319.3	386.4	453.5	520.5	587.6	654.7	721.8	788.9	856.0	923.1	990.2	0
27					346.9	419.8	492.7	565.7	638.6	711.5	784.4	857.4	930.3	1003.2	1076.1	0
28					375.5	454.5	533.5	612.4	691.4	770.4	849.4	928.4	1007.4	1086.4	1165.3	0
29					405.1	490.4	575.7	660.9	746.2	831.5	916.7	1002.0	1087.2	1172.5	1257.8	0
30						527.6	619.3	711.1	802.9	894.6	986.4	1078.1	1169.9	1261.7	1353.4	0
31						566.0	664.5	763.0	861.4	959.9	1058.4	1156.9	1255.3	1353.8	1452.3	0
32						605.7	711.1	816.5	921.9	1027.4	1132.8	1238.2	1343.6	1449.0	1554.4	0
33						646.7	759.2	871.8	984.4	1096.9	1209.5	1322.0	1434.6	1547.2	1659.7	0
34						688.9	808.8	928.7	1048.7	1168.6	1288.6	1408.5	1528.4	1648.4	1768.3	0
35							859.8	987.4	1114.9	1242.4	1370.0	1497.5	1625.0	1752.6	1880.1	0
36							912.4	1047.7	1183.1	1318.4	1453.8	1589.1	1724.5	1859.8	1995.1	0
37							966.4	1109.7	1253.1	1396.5	1539.9	1683.3	1826.6	1970.0	2113.4	0
38							1021.8	1173.5	1325.1	1476.7	1628.4	1780.0	1931.6	2083.3	2234.9	0
39							1078.8	1238.9	1399.0	1559.1	1719.2	1879.3	2039.4	2199.5	2359.6	0
40								1306.0	1474.8	1643.6	1812.4	1981.2	2150.0	2318.8	2487.6	0
41								1374.8	1552.5	1730.2	1908.0	2085.7	2263.4	2441.1	2618.8	0
42								1445.3	1632.2	1819.0	2005.9	2192.7	2379.6	2566.4	2753.2	0
43								1517.5	1713.7	1909.9	2106.1	2302.3	2498.5	2694.7	2890.9	0
44								1591.5	1797.2	2003.0	2208.8	2414.5	2620.3	2826.1	3031.8	0
45									1882.6	2098.2	2313.7	2529.3	2744.9	2960.4	3176.0	0
46									1969.9	2195.5	2421.1	2646.6	2872.2	3097.8	3323.4	0
47									2059.2	2295.0	2530.8	2766.6	3002.4	3238.2	3474.0	0
48									2150.3	2396.6	2642.8	2889.1	3135.3	3381.6	3627.8	0
49									2243.4	2500.3	2757.2	3014.2	3271.1	3528.0	3784.9	0
50									2338.4	2606.2	2874.0	3141.8	3409.6	3677.4	3945.3	0
BASIS TREES	0	0	1	7	12	8	12	6	2	0	0	0	0	0	0	0

NET SCRIPNER BOARD FOOT VOLUME TO 6 INCH TOP DBH
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS PO	90	100	110	120	130	140	150	BASIS TREES
7	.2	.4	.5	.6	.7	.8	.9									12
8	.9	1.8	2.6	3.5	4.5	5.4	6.3	7.2								6
9	1.9	3.9	6.0	8.3	10.5	12.9	15.2	17.5	19.8							9
10		6.5	10.2	14.1	18.1	22.2	26.4	30.6	34.8							7
11		9.3	14.7	20.5	26.5	32.7	39.1	45.5	52.0	58.5						5
12		12.4	19.5	27.2	35.3	43.8	52.5	61.6	70.7	79.9						3
13		15.5	24.4	33.9	44.1	54.9	66.3	78.2	90.3	102.6	114.9					1
14		18.5	29.0	40.3	52.5	65.9	80.1	95.1	110.5	126.2	142.0	189.8				6
15			33.4	46.2	60.5	76.3	93.6	112.0	131.1	150.6	170.2	223.0				4
16			37.2	51.4	67.7	86.3	106.9	129.0	152.0	175.6	199.3	257.2				2
17			40.5	55.9	74.2	95.7	119.9	146.0	173.2	201.0	229.1	285.1				1
18			43.2	59.5	80.0	104.7	132.7	163.0	194.6	226.9	259.5	292.2				1
19			45.0	62.4	85.2	113.4	145.4	180.0	216.1	253.1	290.5	328.0				3
20				64.7	90.2	121.9	158.0	197.0	237.7	279.5	321.8	364.4				2
21				66.4	94.8	130.2	170.5	213.9	259.4	306.1	353.5	401.2				3
22				67.8	99.2	138.5	182.9	230.8	281.0	332.7	385.3	438.5				2
23				68.9	103.6	146.6	195.2	247.6	302.6	359.4	417.3	476.0				0
24				69.9	107.8	154.6	207.3	264.2	324.1	386.0	449.4	513.7				2
25					112.0	162.5	219.3	280.6	345.4	412.5	481.5	551.6				0
26					116.2	170.2	231.0	296.8	366.5	438.9	513.5	589.5				0
27					120.2	177.7	242.5	312.8	387.4	465.2	545.5	627.5				0
28					124.0	185.0	253.7	328.5	408.4	491.2	577.3	665.5				0
29					127.7	192.0	264.6	343.9	428.4	517.1	609.0	703.4				0
30						198.8	275.3	359.0	448.5	542.7	640.5	741.2				0
31						205.3	285.6	373.8	468.3	568.0	671.8	778.8				0
32						211.5	295.6	388.2	487.8	593.1	702.9	816.3				0
33						217.5	305.4	402.4	507.0	617.8	733.7	853.6				0
34						223.1	314.8	416.2	525.8	642.2	764.2	890.7				0
35							323.9	429.7	544.4	666.3	794.4	927.4				0
36							332.6	442.9	562.5	690.1	824.3	963.9				0
37							341.1	455.7	580.3	713.5	853.8	1000.1				0
38							349.2	468.1	597.8	736.5	883.0	1036.0				0
39							357.0	480.2	614.8	759.2	911.9	1071.6				0
40								491.9	631.5	781.5	940.4	1106.7				0
41								503.3	647.8	803.4	968.4	1141.6				0
42								514.3	663.7	824.9	996.1	1176.0				0
43								524.9	679.3	846.0	1023.4	1210.0				0
44								535.2	694.4	866.6	1050.2	1243.6				0
45									709.1	886.9	1076.6	1276.8				0
46									723.4	906.7	1102.6	1309.5				0
47									737.3	926.1	1128.1	1341.8				0
48									750.8	945.0	1153.2	1373.7				0
49									763.9	963.6	1177.9	1405.1				0
50									776.6	981.6	1202.0	1436.0				0

ASPEN
SANTA FE-CARSON N.F.

BASIS
TREES

TOTAL STEM NET CUBIC FOOT VOLUME

ASPEN

SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.0															0
2	.1	.2														0
3	.2	.4														0
4	.3	.6	.6	1.3												0
5	.5		1.0	2.0												13
6	.6	1.2	2.0	2.8	2.7	4.7										26
7	.7	1.6	3.0	3.6	3.7	6.2	7.7									29
8	.9	1.9	3.4	4.3	4.8	9.1	9.7	11.9	16.9							16
9	1.0	2.1	3.8	5.0	6.9	9.1	11.6	14.7	20.8							12
10		2.3	4.1	5.6	7.7	10.3	13.4	17.0	24.2							11
11		2.5	4.3	6.0	8.4	11.3	14.8	19.1	26.5							26
12		2.6	4.4	6.3	8.9	12.0	15.9	20.7	28.2							15
13		2.6	4.4	6.5	9.2	12.5	16.6	21.8	29.3							19
14		2.6	4.4	6.6	9.3	12.7	17.0	22.4	29.3	28.0						7
15			4.4	6.5	9.3	12.7	17.0	22.6	29.6	36.3						3
16			4.3	6.5	9.1	12.5	16.8	22.3	29.4	37.9						2
17			4.3	6.4	8.9	12.2	16.3	21.7	28.7	38.6						0
18			4.3	6.2	8.7	11.8	15.7	20.9	27.6	37.8						1
19			4.3	6.2	8.5	11.4	15.1	19.9	26.2	34.6						0
20				6.2	8.4	11.1	14.5	19.0	24.8	30.6						0
21				6.2	8.3	10.9	14.1	18.2	23.5	30.6						0
22				6.3	8.3	10.8	13.7	17.5	22.3	28.7						0
23				6.5	8.5	10.8	13.6	17.0	21.3	27.0						0
24				6.8	8.8	11.0	13.6	16.7	20.6	25.7						0
25					9.1	11.3	13.8	16.7	20.2	24.7						0
26					9.6	11.8	14.2	16.9	20.2	24.2						0
27					10.1	12.3	14.7	17.4	20.4	24.0						0
28					10.7	13.0	15.4	18.0	20.9	24.2						0
29					11.4	13.7	16.2	18.8	21.6	24.8						0
30						14.6	17.1	19.7	22.5	25.6						0
31						15.4	18.1	20.8	23.7	26.7						0
32						16.4	19.2	22.0	24.9	28.0						0
33						17.4	20.3	23.3	26.3	29.4						0
34						18.4	21.5	24.6	27.8	31.0						0
35							22.8	26.0	29.3	32.7						0
36							24.1	27.5	31.0	34.5						0
37							25.4	29.0	32.7	36.3						0
38							26.8	30.6	34.4	38.3						0
39							28.2	32.2	36.3	40.3						0
40								33.9	38.1	42.4						0
41								35.6	40.1	44.5						0
42								37.4	42.0	46.7						0
43								39.2	44.0	48.9						0
44								41.0	46.1	51.2						0
45									48.2	53.6						0
46									50.4	56.0						0
47									52.6	58.5						0
48									54.9	61.0						0
49									57.2	63.5						0
50									59.5	66.2						0
BASIS TREES	0	0	21	56	25	26	15	3	0	0	0	0	0	0	0	0

DBH CLASS	HEIGHT CLASS										BASIS TREES
	10	20	30	40	50	60	70	80	90	100	
5	4	.6	.9	1.1	1.3						
6	.6	1.2	1.8	2.4	2.9	3.5	6.5				
7	.9	1.8	2.8	3.7	4.6	5.6	9.1				
8	1.2	2.5	3.8	5.1	6.5	7.8	10.4				
9	1.5	3.2	5.0	6.7	8.4	10.2	11.9	15.4			
10		4.0	6.2	8.4	10.6	12.8	15.0	19.4			
11		4.9	7.6	10.3	13.0	15.7	18.4	23.8	26.5		
12		5.9	9.1	12.3	15.6	18.8	22.1	28.5	31.8		
13		6.9	10.7	14.5	18.4	22.2	26.0	33.7	37.5		
14		8.0	12.5	16.9	21.4	25.8	30.3	39.2	43.7		
15			14.3	19.4	24.6	29.7	34.9	45.1	50.3		
16			16.3	22.1	28.0	33.9	39.7	51.4	57.3		
17			18.4	25.0	31.6	38.3	44.9	58.2	64.8		
18			20.6	28.1	35.5	42.9	50.4	65.3	72.7		
19			23.0	31.3	39.6	47.9	56.2	72.8	81.1		
20				34.7	43.9	53.1	62.3	80.7	89.9		
21				38.2	48.4	58.5	68.7	89.0	99.1		
22				41.9	53.1	64.2	75.4	97.7	108.8		
23				45.8	58.0	70.2	82.4	106.6	119.0		
24				49.9	63.2	76.5	89.7	116.3	129.6		
25					68.5	83.0	97.4	126.2	140.6		
26					74.1	89.7	105.3	136.5	152.1		
27					79.9	96.8	113.6	147.2	164.1		
28					86.0	104.1	122.2	150.3	176.5		
29					92.2	111.6	131.1	169.9	189.3		
30						119.5	140.2	181.8	202.6		
31						127.6	149.8	194.1	216.3		
32						135.9	159.6	206.9	230.5		
33						144.5	169.7	220.0	245.1		
34						153.4	180.1	233.5	260.2		
35							190.9	247.5	275.8		
36							201.9	261.8	291.8		
37							213.3	276.6	308.2		
38							225.0	291.7	325.1		
39							237.0	307.3	342.4		
40								323.2	360.2		
41								300.7	378.4		
42								315.6	397.1		
43								330.8	416.2		
44								346.4	435.8		
45								409.1	455.9		
46								427.4	476.3		
47								446.2	497.3		
48								465.4	518.7		
49								485.0	540.5		
50								505.0	562.8		

NET CUBIC FOOT VOLUME TO TOP DIA OF 4 INCHES

 ASPEN
 SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.3	.4	.7	.9	1.1											13
6	.4	.8	1.3	1.8	2.4	3.1										26
7	.5	1.2	1.9	2.7	3.7	4.7	6.0									29
8	.6	1.5	2.4	3.5	4.8	6.3	8.1	10.1								16
9	.7	1.7	2.9	4.2	5.8	7.8	10.1	12.8	15.4							12
10		1.9	3.2	4.8	6.7	9.1	11.8	15.2	19.3	26.5						11
11		2.0	3.5	5.3	7.5	10.1	13.4	17.3	22.2	31.7	41.3					15
12		2.1	3.7	5.6	8.0	10.9	14.5	20.3	24.7	34.4	47.3					10
13		2.2	3.8	5.8	8.3	11.4	15.4	21.1	26.6	36.4	49.2					7
14		2.2	3.9	5.9	8.5	11.7	15.9	21.4	27.8	37.5	49.9					3
15			3.9	5.9	8.5	11.8	16.0	21.4	28.4	37.7	49.9	60.5				2
16			3.9	5.9	8.5	11.7	15.9	21.3	28.4	37.7	49.9	65.8				0
17			3.9	5.9	8.3	11.5	15.6	20.9	27.9	37.2	49.5	65.8				1
18			3.9	5.8	8.2	11.2	15.1	20.2	27.0	36.1	48.2	64.5				0
19			3.9	5.8	8.1	10.9	14.6	19.5	25.9	34.5	46.2	62.0				1
20				5.8	8.0	10.7	14.1	18.6	24.6	32.7	43.7	58.7				0
21				5.9	8.0	10.6	13.8	17.9	23.4	30.8	40.9	54.9				0
22				6.0	8.1	10.5	13.5	17.3	22.3	29.0	38.2	51.0				0
23				6.3	8.3	10.6	13.4	16.9	21.4	27.4	35.6	47.0				0
24				6.5	8.5	10.8	13.4	16.7	20.7	26.1	33.3	43.4				0
25					8.9	11.1	13.7	16.7	20.4	25.1	31.5	40.3				0
26					9.4	11.6	14.1	16.9	20.3	24.6	30.2	37.8				0
27					9.9	12.2	14.6	17.4	20.5	24.4	29.3	35.9				0
28					10.5	12.8	15.3	18.0	21.0	24.6	29.0	34.7				0
29					11.1	13.6	16.1	18.8	21.8	25.1	29.1	34.1				0
30						14.4	17.0	19.8	22.7	25.9	29.6	34.1				0
31						15.3	18.0	20.8	23.8	27.0	30.5	34.6				0
32						16.2	19.1	22.0	25.0	28.2	31.6	35.5				0
33						17.2	20.2	23.3	26.4	29.7	33.1	36.8				0
34						18.2	21.4	24.6	27.9	31.2	34.7	38.4				0
35							22.7	26.1	29.5	32.9	36.5	40.2				0
36							24.0	27.5	31.1	34.7	38.4	42.2				0
37							25.3	29.1	32.8	36.6	40.4	44.3				0
38							26.7	30.6	34.6	38.6	42.6	46.6				0
39							28.1	32.3	36.4	40.6	44.8	49.0				0
40								33.9	38.3	42.7	47.1	51.5				0
41								35.6	40.2	44.8	49.5	54.1				0
42								37.4	42.2	47.0	51.9	56.7				0
43								39.2	44.2	49.3	54.4	59.4				0
44								41.0	46.3	51.6	56.9	62.2				0
45									48.5	54.0	59.5	65.1				0
46									50.6	56.4	62.2	68.0				0
47									52.9	58.9	64.9	71.0				0
48									55.1	61.4	67.7	74.0				0
49									57.4	64.0	70.6	77.2				0
50									59.8	66.7	73.5	80.3				0
BASIS TREES	0	0	21	56	25	26	15	3	0	0	0	0	0	0	0	0

GROSS CUBIC FOOT VOLUME TO TOP DIA OF 6 INCHES--UNFORKED TREES

ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	.4	.9	1.3	1.8	2.3	2.7	3.2									20
8	.8	1.7	2.7	3.6	4.5	5.4	6.4	7.3								12
9	1.2	2.6	4.0	5.4	6.8	8.2	9.6	11.0	12.4							11
10		3.5	5.4	7.3	9.2	11.2	13.1	15.0	16.9							7
11		4.4	6.9	9.3	11.8	14.3	16.7	19.2	21.6	24.1						9
12		5.4	8.5	11.5	14.5	17.6	20.6	23.6	26.6	29.7						8
13		6.5	10.2	13.8	17.4	21.1	24.7	28.4	32.0	35.6	39.3					6
14		7.7	11.9	16.2	20.5	24.8	29.1	33.4	37.7	42.0	46.3	50.7				2
15			13.9	18.8	23.8	28.8	33.8	38.8	43.8	48.7	53.7	58.7				1
16			15.9	21.6	27.3	33.0	38.8	44.5	50.2	55.9	61.6	67.4				0
17			18.0	24.5	31.0	37.5	44.0	50.5	57.0	63.5	70.0	76.5	83.0			1
18			20.3	27.6	34.9	42.2	49.6	56.9	64.2	71.5	78.9	86.2	93.5			0
19			22.7	30.8	39.0	47.2	55.4	63.6	71.8	80.0	88.2	96.4	104.6			1
20				34.3	43.4	52.5	61.6	70.7	79.8	88.9	98.0	107.1	116.2	125.3		0
21				37.8	47.9	58.0	68.1	78.1	88.1	98.2	108.3	118.3	128.4	138.5	148.5	0
22				41.6	52.7	63.7	74.8	85.8	96.9	108.0	119.0	130.1	141.2	152.2	163.3	0
23				45.5	57.6	69.7	81.8	94.0	106.1	118.2	130.3	142.4	154.5	166.6	178.7	0
24				49.6	62.8	76.0	89.2	102.4	115.6	128.8	142.0	155.2	168.4	181.7	194.9	0
25					68.2	82.5	96.9	111.2	125.6	139.9	154.3	168.6	183.0	197.3	211.6	0
26					73.8	89.3	104.9	120.4	135.9	151.5	167.0	182.5	198.0	213.6	229.1	0
27					79.6	96.4	113.2	129.9	146.7	163.4	180.2	197.0	213.7	230.5	247.2	0
28					85.7	103.7	121.8	139.8	157.8	175.9	193.9	211.9	230.0	248.0	266.0	0
29					91.9	111.3	130.7	150.0	169.4	188.7	208.1	227.4	246.8	266.2	285.5	0
30						119.1	139.9	160.6	181.3	202.0	222.8	243.5	264.2	284.9	305.7	0
31						127.3	149.4	171.5	193.7	215.8	237.9	260.1	282.2	304.4	326.5	0
32						135.6	159.2	182.8	206.4	230.0	253.6	277.2	300.8	324.4	348.0	0
33						144.3	169.4	194.5	219.6	244.7	269.8	294.9	320.0	345.1	370.2	0
34						153.2	179.8	206.5	233.1	259.8	286.4	313.1	339.8	366.4	393.1	0
35							190.6	218.8	247.1	275.3	303.6	331.8	360.1	388.4	416.6	0
36							201.7	231.6	261.4	291.3	321.2	351.1	381.0	410.9	440.8	0
37							213.0	244.6	276.2	307.8	339.4	371.0	402.6	434.1	465.7	0
38							224.7	258.1	291.4	324.7	358.0	391.3	424.7	458.0	491.3	0
39							236.7	271.8	306.9	342.0	377.1	412.2	447.4	482.5	517.6	0
40								286.0	322.9	359.8	396.8	433.7	470.6	507.6	544.5	0
41								300.5	339.3	378.1	416.9	455.7	494.5	533.3	572.1	0
42								315.3	356.1	396.8	437.5	478.2	519.0	559.7	600.4	0
43								330.5	373.2	415.9	458.6	501.3	544.0	586.7	629.4	0
44								346.1	390.8	435.5	480.2	524.9	569.6	614.3	659.0	0
45								408.8	455.6	502.3	549.1	595.8	642.5	689.4	736.1	0
46								427.2	476.1	524.9	573.8	622.7	671.5	720.4	769.3	0
47								446.0	497.0	548.0	599.0	650.0	701.1	752.1	803.1	0
48								465.2	518.4	571.6	624.8	678.0	731.2	784.5	837.7	0
49								484.8	540.2	595.7	651.1	706.6	762.1	817.5	872.9	0
50								504.8	562.5	620.3	678.0	735.8	793.5	851.2	909.0	0

BASIS
TREES

NET CUBIC FOOT VOLUME TO TOP DIA OF 6 INCHES
 ASPEN
 SANTA FE-CARSON N.F.

D8H CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.6	.9	1.3	1.8	2.3	3.0									29
8	.4	1.0	1.7	2.5	3.4	4.5	5.8	7.3								16
9	.6	1.4	2.3	3.4	4.8	6.4	8.3	10.6	12.4							12
10		1.6	2.8	4.2	5.9	8.0	10.5	13.6	16.9							11
11		1.9	3.2	4.8	6.9	9.3	12.4	16.1	20.7	24.1						15
12		2.0	3.5	5.3	7.5	10.3	13.8	18.2	23.7	29.7						10
13		2.1	3.6	5.6	8.0	11.0	14.9	19.8	25.9	33.7	39.3					7
14		2.2		5.7	8.3	11.4	15.5	20.7	27.4	36.0	46.3					3
15			3.8	5.8	8.3	11.6	15.8	21.2	28.3	37.4	49.3					2
16			3.8	5.8	8.3	11.6	15.8	21.2	28.4	37.9	50.3					0
17			3.8	5.8	8.2	11.4	15.5	20.9	28.0	37.5	50.1					0
18			3.8	5.7	8.1	11.1	15.1	20.2	27.2	36.4	48.9					1
19			3.9	5.7	8.0	10.9	14.6	19.5	26.0	34.9	47.0					0
20				5.8	7.9	10.6	14.1	18.7	24.8	33.1	44.4		83.0			1
21				5.8	7.9	10.5	13.7	17.9	23.5	31.1	41.6		86.0			0
22				6.0	8.0	10.5	13.5	17.3	22.4	29.3	38.8		81.8			1
23				6.2	8.2	10.5	13.3	16.9	21.5	27.6	36.1		88.7			0
24				6.5	8.5	10.8	13.4	16.6	20.8	26.3	33.7		86.0			0
25					8.9	11.1	13.6	16.6	20.4	25.3	31.8		83.0			0
26					9.3	11.6	14.0	16.9	20.3	24.6	30.4		88.7			0
27					9.8	12.1	14.6	17.3	20.5	24.4	29.5		81.8			0
28				10.4	12.8	15.3	15.3	18.0	21.0	24.6	29.1		86.0			0
29				11.1	13.5	16.1	16.1	18.8	21.7	25.1	29.1		81.8			0
30					14.4	17.0	17.0	19.7	22.6	25.9	29.6		88.7			0
31					15.2	18.0	18.0	20.8	23.7	26.9	30.5		86.0			0
32					16.2	19.0	19.0	22.0	25.0	28.2	31.6		81.8			0
33					17.2	20.2	20.2	23.2	26.4	29.6	33.0		86.0			0
34					18.2	21.4	21.4	24.6	27.9	31.2	34.6		81.8			0
35						22.6	22.6	26.0	29.4	32.9	36.4		88.7			0
36						23.9	23.9	27.5	31.1	34.7	38.4		86.0			0
37						25.3	25.3	29.0	32.8	36.6	40.4		81.8			0
38						26.6	26.6	30.6	34.6	38.5	42.5		86.0			0
39						28.1		32.2	36.4	40.6	44.7		81.8			0
40								33.9	38.3	42.6	47.0		88.7			0
41								35.6	40.2	44.8	49.4		86.0			0
42								37.4	42.2	47.0	51.8		81.8			0
43								39.2	44.2	49.3	54.3		86.0			0
44								41.0	46.3	51.6	56.9		81.8			0
45								48.4	50.6	54.0	59.5		86.0			0
46								52.8	56.4	59.9	64.9		81.8			0
47								55.1	58.9	61.4	67.7		86.0			0
48								57.4	61.4	64.0	70.6		81.8			0
49								59.8	66.6	66.6	73.5		86.0			0
50													87.1	94.0	100.8	0

8ASIS
TREES

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB—UNFORKED TREES
 ASPEN
 SANTA FE-CARSON N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	1.2	2.5	3.8	5.0	6.3	7.6	8.9									20
8	3.3	7.2	11.0	14.8	18.6	22.5	26.3	30.1								12
9	5.8	12.8	19.7	26.7	33.6	40.6	47.5	54.5	61.4							11
10		19.0	29.4	39.8	50.2	60.6	71.0	81.4	91.9							9
11		25.6	39.8	53.9	68.1	82.3	96.4	110.6	124.7	138.9						9
12		32.7	50.9	69.0	87.2	105.4	123.5	141.7	159.8	178.0						6
13		40.2	62.6	85.0	107.5	129.9	152.3	174.8	197.2	219.6	242.1					2
14		48.1	75.1	102.0	129.0	156.0	182.9	209.9	236.8	263.8	290.8					1
15			88.3	120.0	151.8	183.5	215.3	247.1	278.8	310.6	342.3	374.1				0
16			102.2	139.0	175.9	212.7	249.5	286.4	323.2	360.0	396.8	433.7	538.7			0
17			116.9	159.1	201.3	243.4	285.6	327.8	370.0	412.2	454.4	496.5	610.5			1
18			132.4	180.2	228.0	275.8	323.6	371.4	419.3	467.1	514.9	562.7	739.8			0
19			148.6	202.3	256.1	309.8	363.6	417.3	471.0	524.8	578.5	632.3	866.0			1
20				225.6	285.5	345.5	405.5	465.4	525.4	585.3	645.3	705.2	934.8			0
21				249.9	316.4	382.9	449.3	515.8	582.3	648.7	715.2	781.6	1025.2			0
22				275.4	348.6	421.9	495.2	568.4	641.7	715.0	788.2	861.5	1119.5			0
23				301.9	382.3	462.7	543.0	623.4	703.8	784.1	864.5	944.9	1252.2			0
24				329.6	417.4	505.1	592.9	680.7	768.4	856.2	944.0	1031.7	1319.5			0
25					453.8	549.3	644.8	740.3	835.7	931.2	1026.7	1122.1	1423.0			0
26					595.2	698.7	802.2	905.6	1009.1	1112.6	1216.0	1319.5	1648.4			0
27					751.1	862.9	974.6	1086.4	1198.2	1309.8	1421.5	1533.2	1877.7			0
28					911.9	1033.3	1154.7	1276.1	1397.5	1518.9	1640.3	1761.7	2104.3			0
29					1074.1	1205.5	1336.9	1468.3	1599.7	1731.1	1862.5	1993.9	2336.5			0
30					1236.3	1377.7	1519.1	1660.5	1801.9	1943.3	2084.7	2226.1	2568.7			0
31					1398.5	1549.9	1701.3	1852.7	2004.1	2155.5	2306.9	2458.3	2800.9			0
32					1560.7	1722.1	1883.5	2044.9	2206.3	2367.7	2529.1	2690.5	3033.1			0
33					1722.9	1894.3	2065.7	2237.1	2408.5	2579.9	2751.3	2922.7	3265.3			0
34					1885.1	2066.5	2247.9	2429.3	2610.7	2792.1	2973.5	3154.9	3497.5			0
35					2047.3	2238.7	2430.1	2621.5	2812.9	3004.3	3195.7	3387.1	3730.7			0
36					2209.5	2410.9	2612.3	2813.7	3015.1	3216.5	3417.9	3619.3	3962.9			0
37					2371.7	2583.1	2794.5	3005.9	3217.3	3428.7	3640.1	3851.5	4194.1			0
38					2533.9	2755.3	2976.7	3198.1	3419.5	3640.9	3862.3	4083.7	4426.3			0
39					2696.1	2927.5	3158.9	3390.3	3621.7	3853.1	4084.5	4315.9	4658.5			0
40					2858.3	3100.7	3343.1	3585.5	3827.9	4070.3	4312.7	4555.1	4897.7			0
41					3020.5	3272.9	3525.3	3777.7	4030.1	4282.5	4534.9	4787.3	5130.9			0
42					3182.7	3445.1	3707.5	3969.9	4232.3	4494.7	4757.1	5019.5	5362.1			0
43					3344.9	3617.3	3889.7	4162.1	4434.5	4706.9	4979.3	5251.7	5594.3			0
44					3507.1	3789.5	4071.9	4354.3	4636.7	4919.1	5201.5	5483.9	5826.5			0
45					3669.3	3961.7	4254.1	4546.5	4838.9	5131.3	5423.7	5716.1	6058.7			0
46					3831.5	4133.9	4436.3	4738.7	5041.1	5343.5	5645.9	5948.3	6290.9			0
47					3993.7	4306.1	4618.5	4920.9	5223.3	5525.7	5828.1	6130.5	6473.1			0
48					4155.9	4478.3	4790.7	5103.1	5415.5	5727.9	6040.3	6352.7	6695.3			0
49					4318.1	4650.5	4982.9	5315.3	5647.7	5980.1	6312.5	6644.9	6987.5			0
50					4480.3	4822.7	5165.1	5507.5	5849.9	6192.3	6534.7	6877.1	7219.7			0
BASIS TREES	0	0	6	29	19	21	12	1	0	0	0	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DBH

ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.1	.2	.3	.5	1.1	1.8	2.7									21
8	.1	.3	.4	.8	2.4	4.6	7.1	10.0								12
9	.1	.3	.4	.8	3.8	7.6	12.1	17.3	23.1							*11
10		.1	.2	.9	5.3	10.9	17.7	25.4	34.0							*07
11		.1	.1	1.0	6.9	14.6	23.8	34.3	45.9	58.5						15
12		.0	.1	1.2	8.7	18.5	30.3	43.8	58.7	74.8						10
13		.0	.0	1.4	10.7	22.8	37.3	53.9	72.3	92.3	113.5					7
14		.0	.0	1.7	12.8	27.4	44.8	64.7	86.8	110.8	136.3					3
15		.0	.0	2.0	15.1	32.2	52.7	76.2	102.2	130.4	160.5					2
16		.0	.0	2.3	17.5	37.3	61.1	88.3	118.5	151.2	186.0	192.1				0
17		.0	.0	2.6	20.0	42.7	69.9	101.1	135.6	173.1	213.0	254.9	298.7			1
18		.0	.0	3.0	22.7	48.3	79.2	114.5	153.7	196.1	241.3	288.9	338.5			0
19		.0	.0	3.4	25.5	54.3	89.0	128.6	172.6	220.3	271.2	324.6	380.3			1
20		.0	.0	3.7	28.4	60.5	99.2	143.5	192.6	245.7	302.4	362.1	424.2			0
21		.0	.0	4.2	31.5	67.1	109.9	159.0	213.4	272.4	335.2	401.3	470.2	437.9		0
22		.0	.0	4.6	34.7	73.9	121.2	175.2	235.2	300.2	369.4	442.3	518.2	541.4	614.4	0
23		.0	.0	5.0	38.0	81.1	132.9	192.2	257.9	329.2	405.2	485.1	568.4	596.7	677.2	0
24		.0	.0	5.5	41.5	88.5	145.1	209.8	281.6	359.5	442.4	529.7	623.7	714.6	811.1	0
25		.0	.0		45.1	96.3	157.8	228.2	306.3	391.0	481.2	576.1	675.0	777.2	882.1	0
26		.0	.0		48.9	104.3	171.0	247.3	331.9	423.7	521.5	624.4	731.5	842.3	956.0	0
27		.0	.0		52.8	112.7	184.6	267.1	358.5	457.6	563.2	674.4	790.2	909.8	1032.6	0
28		.0	.0		56.9	121.3	198.8	287.6	386.1	492.8	606.6	726.3	850.9	979.8	1112.0	0
29		.0	.0		61.0	130.3	213.5	308.9	414.6	529.2	651.4	780.0	913.9	1052.2	1194.3	0
30		.0	.0			139.5	228.7	330.9	444.1	566.9	697.8	835.5	978.9	1127.2	1279.3	0
31		.0	.0			149.1	244.4	353.6	474.6	605.8	745.7	892.8	1046.1	1204.6	1367.2	0
32		.0	.0			159.0	260.6	377.0	506.1	646.0	795.1	952.0	1115.5	1284.4	1457.8	0
33		.0	.0			169.2	277.3	401.1	538.5	687.4	846.1	1013.1	1187.0	1366.8	1551.3	0
34		.0	.0			179.7	294.5	426.0	571.9	730.0	898.6	1076.0	1260.7	1451.6	1647.6	0
35		.0	.0				312.2	451.7	606.3	774.0	952.7	1140.7	1336.6	1539.0	1746.8	0
36		.0	.0				330.4	478.0	641.7	819.1	1008.3	1207.3	1414.6	1628.8	1848.7	0
37		.0	.0				349.1	505.1	678.0	865.5	1065.4	1270.3	1484.6	1721.1	1953.5	0
38		.0	.0				368.4	532.9	715.4	913.2	1124.1	1346.0	1577.1	1816.0	2061.2	0
39		.0	.0				388.1	561.4	753.7	962.1	1184.3	1418.1	1661.6	1913.3	2171.6	0
40		.0	.0					590.7	793.0	1012.3	1246.1	1492.1	1748.3	2013.1	2284.9	0
41		.0	.0					620.7	833.3	1063.8	1309.4	1567.9	1837.9	2115.4	2401.0	0
42		.0	.0					651.5	874.6	1116.5	1374.3	1645.6	1928.2	2220.2	2520.0	0
43		.0	.0					683.0	916.9	1170.4	1440.7	1725.1	2021.4	2327.5	2641.8	0
44		.0	.0						960.1	1225.6	1508.6	1806.5	2116.7	2437.3	2766.5	0
45		.0	.0						1004.3	1282.1	1578.2	1889.7	2214.3	2549.6	2893.9	0
46		.0	.0						1049.6	1339.8	1649.2	1974.8	2314.0	2664.5	3024.3	0
47		.0	.0						1095.8	1398.8	1721.8	2061.8	2415.9	2781.5	3157.4	0
48		.0	.0						1143.0	1459.1	1796.0	2150.6	2510.9	2901.6	3293.5	0
49		.0	.0						1191.1	1520.6	1871.7	2241.2	2626.2	3023.9	3432.3	0
50		.0	.0						1240.3	1583.3	1949.0	2333.8	2734.6	3148.8	3574.0	0

BASIS
TREES

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIP -UNFORKED TREES
 ASPEN
 SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES									
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150					
7	.6	1.3	2.0	2.7	3.4	4.1	4.8													
8	2.1	4.4	6.8	9.2	11.5	13.9	16.3	18.7												
9	3.9	8.6	13.3	18.0	22.7	27.4	32.1	36.8	41.5											
10		13.6	21.0	28.5	36.0	43.4	50.9	58.3	65.8											
11		19.1	29.7	40.2	50.8	61.3	71.9	82.5	93.0	103.6										
12		25.1	39.1	53.0	67.0	81.0	94.9	108.9	122.8	136.8										
13		31.6	49.2	66.9	84.5	102.1	119.8	137.4	155.0	172.7	190.3									
14		38.5	60.1	81.7	103.2	124.8	146.4	167.9	189.5	211.1	232.7	303.6								
15			71.6	97.4	123.2	148.9	174.7	200.5	226.3	252.0	277.8	355.9								
16			83.9	114.1	144.3	174.6	204.8	235.0	265.2	295.5	325.7	411.3	446.3							
17			96.8	131.8	166.7	201.7	236.6	271.6	306.5	341.4	376.4	469.8	509.7	621.6						
18			110.5	150.4	190.3	230.2	270.2	310.1	350.0	389.9	429.8	531.3	576.4	697.2						
19			124.9	170.0	215.2	260.3	305.5	350.6	395.8	441.0	486.1	595.9	646.5	776.4	832.8					
20				190.6	241.3	291.9	342.6	393.2	443.9	494.5	545.2	663.5	720.0	859.2	921.7					
21				212.2	268.6	325.0	381.4	437.9	494.3	550.7	607.1	734.3	796.8	945.7	1014.5					
22				234.7	297.2	359.6	422.1	484.5	547.0	609.4	671.9	808.2	877.0	1035.9	1111.2					
23				258.3	327.0	395.8	464.5	533.2	602.0	670.7	739.5	883.3	960.6	1129.7	1211.9					
24				282.8	358.1	433.4	508.7	584.0	659.3	734.7	810.0	959.5	1048.8	1227.3	1316.5					
25					390.5	472.6	554.8	636.9	719.0	801.2	883.3	1048.8	1138.0	1328.5	1425.1					
26					424.1	513.4	602.6	691.8	781.1	870.3	959.5	1138.0	1231.9	1433.4	1537.7					
27					459.0	555.6	652.2	748.8	845.5	942.1	1038.7	1224.9	1329.2	1542.0	1654.2					
28					495.2	599.5	703.7	808.0	912.2	1016.4	1120.7	1317.7	1429.9	1641.7	1770.5					
29					532.7	644.8	757.0	869.1	981.3	1093.4	1205.6	1413.7	1534.1	1752.8	1890.3					
30					691.8	812.1	932.4	1052.8	1173.1	1293.4	1413.7	1615.3	1752.8	1985.3	2141.0					
31					740.2	869.0	997.8	1126.6	1255.4	1384.1	1512.9	1720.8	1867.3	2013.8	2160.3					
32					790.3	927.8	1065.3	1202.8	1340.3	1477.8	1615.3	1829.5	1985.3	2141.0	2296.8					
33					841.9	988.4	1134.8	1281.3	1427.8	1574.3	1720.8	1941.5	2106.7	2272.0	2437.3					
34					895.0	1050.8	1206.5	1362.3	1518.0	1673.8	1829.5	2056.6	2231.7	2406.8	2581.9					
35						1115.0	1280.3	1445.6	1610.9	1776.2	1941.5	2174.9	2360.1	2545.2	2730.4					
36						1181.1	1356.2	1531.3	1706.4	1881.5	2056.6	2296.4	2491.9	2687.5	2883.0					
37						1249.0	1434.2	1619.4	1804.5	1989.7	2174.9	2417.1	2617.3	2833.4	3039.6					
38						1318.8	1514.3	1709.8	1905.3	2100.9	2296.4	2549.0	2766.1	2983.1	3200.2					
39						1390.3	1596.5	1802.7	2008.8	2215.0	2421.1	2680.2	2908.7	3136.6	3364.8					
40							1680.8	1897.9	2114.9	2332.0	2549.0	2814.5	3054.1	3293.8	3533.5					
41							1767.3	1995.5	2223.7	2451.9	2680.2	2952.0	3203.4	3454.8	3706.2					
42							1855.8	2095.5	2335.1	2574.8	2814.5	3092.7	3361.1	3619.5	3882.9					
43							1946.5	2197.9	2449.2	2700.6	2952.0	3236.7	3512.3	3788.0	4063.6					
44							2039.2	2302.6	2566.0	2829.4	3092.7	3367.0	3640.2	3915.4	4190.6					
45							2409.8	2685.4	2961.1	3236.7	3512.3	3788.0	4063.6	4339.2	4614.8					
46							2519.3	2807.5	3095.7	3383.8	3672.0	3960.2	4248.4	4536.2	4824.2					
47							2631.2	2932.2	3233.2	3534.2	3835.2	4136.2	4437.2	4738.2	5039.2					
48							2745.6	3059.6	3373.7	3687.8	4001.9	4315.9	4630.0	4944.0	5258.0					
49							2862.3	3189.7	3517.1	3844.6	4172.0	4499.4	4826.9	5154.4	5481.9					
50							2981.4	3322.5	3663.5	4004.6	4345.6	4686.7	5027.8	5368.8	5709.8					
BASIS TREES	0	0	0	4	12	11	10	1	0	0	0	0	0	0	0					

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DB
 ASPEN
 SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	.1	.1	.2	.3	.5	.8	1.1									21
8	.1	.2	.2	.4	1.1	2.0	3.1	4.4								12
9	.1	.2	.2	.5	1.8	3.5	5.6	8.0	10.7							*11
10		.1	.1	.5	2.5	5.2	8.4	12.3	16.6							*07
11		.0	.1	.5	3.4	7.1	11.7	17.1	23.2	30.0						15
12		.0	.0	.6	4.3	9.3	15.3	22.5	30.5	39.5						10
13		.0	.0	.8	5.4	11.6	19.3	28.3	38.5	49.7	62.0					7
14		.0	.0	.9	6.6	14.2	23.6	34.5	47.0	60.8	75.8					3
15		.0	.0	1.1	7.9	16.9	28.1	41.2	56.1	72.5	90.5	109.8				0
16		.0	.0	1.3	9.2	19.8	32.9	48.3	65.7	85.0	106.1	128.7				2
17		.0	.0	1.5	10.6	22.9	38.0	55.8	75.9	98.2	122.6	148.7				1
18		.0	.0	1.7	12.1	26.2	43.4	63.7	86.7	112.2	140.0	169.8				0
19		.0	.0	1.9	13.7	29.6	49.1	72.0	98.0	126.9	158.3	192.1	176.5			1
20				2.1	15.4	33.2	55.1	80.8	110.0	142.3	177.5	215.4	228.0	265.8		1
21				2.4	17.1	36.9	61.3	89.9	122.4	158.5	197.7	239.9	284.7	332.0		0
22				2.6	19.0	40.9	67.9	99.5	135.5	175.4	218.8	265.5	315.1	367.5		0
23				2.9	20.9	45.0	74.7	109.5	149.1	193.0	240.8	292.2	346.8	404.5		0
24				3.2	22.8	49.2	81.8	120.0	161.3	211.4	263.8	320.0	379.9	443.0		0
25					24.9	53.7	89.2	130.8	178.1	230.5	287.6	349.0	414.3	483.1	555.2	381.5
26					27.1	58.3	96.9	142.1	193.5	250.4	312.5	379.2	450.1	524.9	603.1	422.2
27					29.3	63.1	104.9	153.8	209.4	271.1	338.2	410.4	487.2	568.1	652.9	464.7
28					31.6	68.1	113.1	166.0	226.0	292.5	364.9	442.8	525.7	613.0	704.4	0
29					34.0	73.3	121.7	178.5	243.1	314.6	392.6	476.4	565.5	659.5	757.8	0
30						78.6	130.6	191.5	260.8	337.5	421.2	511.1	606.7	707.5	813.0	0
31						84.1	139.7	205.0	279.1	361.2	450.7	547.0	649.3	757.2	870.1	0
32						89.8	149.2	218.8	297.9	385.6	481.2	584.0	693.2	808.4	928.9	0
33						95.6	158.9	233.1	317.4	410.8	512.7	622.1	738.5	861.2	989.7	0
34						101.7	168.9	247.9	337.4	436.8	545.0	661.4	785.2	915.6	1052.2	0
35							179.3	263.0	358.1	463.5	578.4	701.9	833.2	971.7	1116.6	0
36							189.9	278.6	379.3	491.0	612.7	743.5	882.6	1029.3	1182.8	0
37							200.8	294.6	401.1	519.2	647.9	786.3	933.4	1088.5	1250.8	0
38							212.0	311.1	423.5	548.2	684.1	830.2	985.5	1149.3	1320.7	0
39							223.5	328.0	446.5	578.0	721.3	875.3	1039.1	1211.7	1392.5	0
40								345.3	470.1	608.5	759.4	921.5	1094.0	1275.8	1466.1	0
41								363.0	494.3	639.8	798.4	968.9	1150.3	1341.4	1541.5	0
42								381.2	510.1	671.9	838.5	1017.5	1207.9	1408.6	1618.7	0
43								399.9	544.4	704.7	879.4	1067.2	1266.9	1477.5	1697.9	0
44								418.9	570.4	738.3	921.4	1118.1	1327.3	1547.9	1778.8	0
45									596.9	772.7	964.2	1170.1	1389.1	1620.0	1861.6	0
46									624.1	807.8	1008.1	1223.3	1452.3	1693.6	1946.3	0
47									651.8	843.7	1052.9	1277.7	1516.8	1768.9	2032.7	0
48									680.1	880.1	1098.6	1333.2	1582.7	1845.8	2121.1	0
49									709.0	917.8	1145.3	1389.9	1650.0	1924.2	2211.3	0
50									738.5	956.0	1193.0	1447.7	1718.7	2004.3	2303.3	0
BASIS TREES	0	0	9	44	22	26	15	3	0	0	0	0	0	0	0	0

BASIS
TREES
0 1 2 3 6 11 4 5 3 4 0 1 0

TOTAL STEM NET CURIC FOOT VOLUME
WHITE FIR
LINCOLN N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
1	.2																0
2	.3	.4															0
3	.4	.5															0
4	.5	.8	.7	1.4													2
5	.7	1.1	1.6	2.0	2.5	4.2											2
6	.9	1.5	2.2	3.8	4.7	5.6											1
7	1.1	2.0	2.9	4.9	6.0	7.2	6.5	9.5									2
8	1.4	2.5	3.7	6.1	7.6	9.0	8.4	12.0									1
9	1.7	3.1	4.6	7.4	9.2	11.0	10.5	14.6									2
10		3.8	5.6	8.9	11.1	13.2	12.8	17.6									1
11		4.6	6.7	10.5	13.0	15.6	15.4	19.8			21.9						1
12		5.3	7.9	12.2	15.2	18.2	18.2	20.8			25.9						1
13		6.2	9.2	14.0	17.4	20.8	21.1	24.1			30.1						2
14		7.1	10.5	15.8	19.8	23.7	24.3	27.7			34.6						1
15			11.9	17.8	22.2	26.6	27.6	31.5			39.3						1
16			13.4	19.8	24.8	29.7	31.0	35.4			44.2						5
17			14.9	21.9	27.4	32.8	34.6	39.5			49.3						1
18			16.5	24.1	30.1	36.0	38.2	43.7			54.6						0
19			18.1	26.3	32.8	39.3	42.0	48.0			59.9						1
20				28.5	35.6	42.7	49.8	56.8			63.9						2
21				30.8	38.4	46.1	53.7	61.4			69.7						1
22				33.1	41.3	49.5	57.7	65.9			74.1						1
23				35.4	44.1	52.9	61.7	70.5			79.3						2
24					47.0	56.4	65.8	75.2			84.5						1
25					50.0	59.9	69.9	79.8			89.8						2
26					52.9	63.4	74.0	84.5			95.1						1
27					55.8	67.0	78.1	89.2			100.4						2
28					58.8	70.5	82.3	94.0			105.7						3
29						74.1	86.4	98.8			111.1						1
30						77.7	90.7	103.6			116.5						2
31						81.4	94.9	108.5			122.0						0
32						85.1	99.2	113.4			127.5						1
33						88.8	103.6	118.4			133.2						2
34							108.1	123.5			138.9						0
35							112.6	128.6			144.7						1
36							117.2	133.9			150.6						0
37							121.9	139.3			156.7						1
38							126.7	144.8			162.9						0
39								150.4			169.2						0
40								156.2			175.2						0
41								162.1			182.4						1
42								168.2			189.2						0
43								174.4			196.2						0
44											203.4						0
45											210.8						0
46											218.5						0
47											226.3						0
48											234.4						0
49											242.6						0
50											251.4						0
											260.4						0
											269.6						0
											276.6						0
											283.4						0
											291.3						0
											301.7						0
											312.4						0
											323.5						0
											339.0						0
											351.3						0
											364.0						0
											377.1						0
											386.9						0
											390.5						0
											397.4						0
											404.3						0
											412.4						0
											420.6						0
											428.8						0
											437.1						0
											445.4						0
											453.7						0
											462.0						0
											470.3						0
											478.6						0
											486.9						0
											495.2						0
											503.5						0
											511.8						0
											520.1						0
											528.4						0
											536.7						0
											545.0						0
											553.3						0
											561.6						0
											569.9						0
											578.2						0
											586.5						0
											594.8						0
											603.1						0
											611.4						0
											619.7						0
											628.0						0
											636.3						0
											644.6						0
											652.9						0
											661.2						0
											669.5						0
											677.8						0
											686.1						0
											694.4						0
											702.7						0
											711.0						0
											719.3						0
											727.6						0
											735.9						0
											744.2						0
											752.5						0
											760.8						0
											769.1						0
											777.4						0
											785.7						0
											794.0						0
											802.3						0
											810.6						0
											818.9						0
											827.2						0
											835.5						0
											843.8						0
											852.1						0
											860.4						0
											868.7						0
											877.0						0
											885.3						0
											893.6						0
											901.9						0
											910.2						0
											918.5						0
											926.8						0
											935.1						0
											943.4						0
											951.7						0

GROSS CUBIC FOOT VOLUME TO TOP DIA OF 4 INCHES-UNFORKED TREES
WHITE FIR
LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.8	1.1	1.4	1.7												0
6	.7	1.2	1.8	2.3	2.8	3.3											0
7	.9	1.7	2.4	3.2	4.0	4.8	5.6										0
8	1.1	2.1	3.2	4.3	5.4	6.5	7.5	8.6									1
9	1.3	2.7	4.1	5.5	6.9	8.3	9.7	11.1	12.5								0
10		3.3	5.0	6.8	8.6	10.3	12.1	13.8	15.6								1
11		3.9	6.1	8.3	10.4	12.6	14.7	16.9	19.0								1
12		4.7	7.2	9.8	12.4	15.0	17.6	20.2	22.7								1
13		5.4	8.5	11.5	14.6	17.6	20.5	23.7	26.8								4
14		6.3	9.8	13.4	16.9	20.5	24.0	27.6	31.1								2
15			11.2	15.3	19.4	23.5	27.6	31.7	35.8								1
16			12.8	17.4	22.1	26.8	31.4	36.1	40.7								4
17			14.4	19.7	24.9	30.2	35.5	40.8	46.0				48.0				2
18			16.1	22.0	28.0	33.9	39.8	45.7	51.6				54.7				5
19			17.9	24.5	31.1	37.7	44.3	50.9	57.5				61.8				9
20				27.2	34.5	41.8	49.1	56.5	63.8				77.3				7
21				29.9	38.0	46.1	54.2	62.2	70.3				85.7				16
22				32.8	41.7	50.6	59.5	68.3	77.2				94.6				3
23				35.9	45.6	55.3	65.0	74.7	84.4				103.8				10
24				39.1	49.6	60.2	70.8	81.3	91.9				113.0				11
25					53.8	65.3	76.8	88.2	99.7				122.6				5
26					58.2	70.6	83.0	95.4	107.8				132.7				12
27					62.8	76.1	89.5	102.9	116.3				143.1				196.6
28					67.5	81.9	96.3	110.7	125.1				153.9				121.4
29					72.4	87.8	103.3	118.7	134.2				165.1				226.8
30						94.0	110.5	127.0	143.6				176.6				242.8
31						100.3	118.0	135.6	153.3				188.6				259.2
32						106.9	125.7	144.5	163.3				201.0				276.2
33						113.7	133.7	153.7	173.7				213.7				293.8
34						120.7	141.9	163.1	184.4				226.9				311.9
35							150.4	172.9	195.4				248.1				330.5
36							159.1	182.9	206.7				262.9				349.7
37							168.0	193.2	218.4				278.2				369.4
38							177.2	203.8	230.3				293.9				389.6
39							186.7	214.6	242.6				310.0				410.4
40								225.8	255.2				326.5				431.7
41								237.2	268.1				343.4				453.5
42								248.9	281.3				360.8				475.9
43								260.9	294.9				378.6				498.9
44								273.1	308.7				396.9				522.4
45									322.9				415.5				546.4
46									337.4				434.6				569.0
47									352.2				454.2				596.0
48									367.4				474.1				621.6
49									382.8				494.5				647.8
50									398.6				515.3				674.5
													536.6				0
BASIS TREES	0	0	3	7	12	29	36	32	24	12	7	2	1	0	0	0	0

NET CURIC FOOT VOLUME TO TOP DIA OF 4 INCHES
WHITE FIR
LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.8	1.1	1.4	1.7											2
6	.7	1.2	1.7	2.3	2.8	3.3										1
7	.9	1.7	2.4	3.2	4.0	4.8	5.6									2
8	1.1	2.1	3.2	4.3	5.3	6.4	7.5	8.5								1
9	1.3	2.7	4.0	5.4	6.8	8.2	9.6	10.9	12.3							2
10		3.2	5.0	6.7	8.4	10.1	11.9	13.6	15.3							2
11		3.8	6.0	8.1	10.2	12.3	14.4	16.5	18.6	20.7						1
12		4.5	7.0	9.5	12.0	14.5	17.0	19.5	22.0	24.5						2
13		5.2	8.2	11.1	14.0	17.0	19.9	22.8	25.8	28.7						2
14		6.0	9.4	12.8	16.1	19.5	22.9	26.3	29.7	33.1	31.6					1
15		6.0	10.6	14.5	18.4	22.2	26.1	29.9	33.8	37.7	36.5	45.4				0
16			11.9	16.3	20.7	25.0	29.4	33.7	38.1	42.4	41.5	51.2				1
17			13.3	18.2	23.0	27.9	32.8	37.7	42.5	47.4	46.8	57.1				1
18			14.7	20.1	25.5	30.9	36.3	41.7	47.1	52.5	57.9	63.3				1
19			16.1	22.1	28.0	34.0	39.9	45.8	51.8	57.7	63.7	69.6				5
20				24.1	30.6	37.1	43.6	50.1	56.5	63.0	69.5	76.0				1
21				26.1	33.2	40.2	47.3	54.4	61.4	68.5	75.5	82.6				1
22				28.2	35.8	43.5	51.1	58.7	66.3	73.9	81.6	89.2				0
23				30.3	38.5	46.7	54.9	63.1	71.3	79.5	87.7	95.9				1
24				32.4	41.2	50.0	58.7	67.5	76.3	85.1	93.8	102.6				2
25					43.9	53.3	62.6	72.0	81.3	90.7	100.0	109.4				1
26					46.6	56.6	66.5	76.5	86.4	96.3	106.3	116.2				2
27					49.4	59.9	70.4	81.0	91.5	102.0	112.5	123.1				0
28					52.1	63.3	74.4	85.5	96.6	107.7	118.9	130.0				3
29					54.9	66.6	78.3	90.1	101.8	113.5	125.2	136.9				2
30						70.0	82.3	94.7	107.0	119.3	131.6	143.9				1
31						73.4	86.4	98.3	112.2	125.1	138.1	151.0				1
32						76.9	90.4	104.0	117.5	131.1	144.6	158.1				0
33						80.4	94.6	108.7	122.9	137.0	151.2	165.4				2
34						84.0	98.7	113.5	128.3	143.1	157.9	172.7				0
35							103.0	118.4	133.8	149.3	164.7	180.1				1
36							107.3	123.4	139.5	155.5	171.6	187.7				1
37							111.7	128.5	145.2	161.9	178.7	195.4				0
38							116.2	133.6	151.0	168.5	185.9	203.3				0
39							120.8	138.9	157.0	175.1	193.2	211.3				0
40								144.3	163.1	182.0	200.8	219.6				0
41								149.9	169.4	189.0	208.5	228.0				1
42								155.6	175.9	196.1	216.4	236.7				0
43								161.4	182.5	203.5	224.6	245.6				0
44								167.4	189.3	211.1	232.9	254.7				0
45									196.2	218.9	241.5	264.1				0
46									203.4	226.9	250.3	273.8				0
47									210.8	235.1	259.4	283.7				0
48									218.3	243.5	268.7	293.9				0
49									226.1	252.2	278.3	304.4				0
50									234.1	261.1	288.1	315.2				0

BASIS
TREES

GROSS CUBIC FOOT VOLUME TO TOP DIA OF 6 INCHES-UNFORKED TREES
 WHITE FIR
 LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.1	1.6	2.2	2.7	3.2	3.7										0
8	.8	1.7	2.5	3.4	4.2	5.0	5.9	6.7									1
9	1.1	2.3	3.5	4.7	5.8	7.0	8.2	9.4		10.6							0
10		2.9	4.5	6.1	7.6	9.2	10.8	12.3		13.9							1
11		3.6	5.6	7.6	9.5	11.5	13.5	15.5		17.5	19.5						1
12		4.3	6.8	9.2	11.6	14.0	16.5	18.9		21.3	23.7						1
13		5.1	8.0	10.9	13.8	16.8	19.7	22.6		25.5	28.4	31.3					4
14		6.0	9.4	12.8	16.2	19.7	23.1	26.5		29.9	33.3	36.7					2
15			10.9	14.8	18.8	22.7	26.7	30.7		34.6	38.6	42.6	46.5				1
16			12.4	17.0	21.5	26.0	30.6	35.1		39.7	44.2	48.8	53.3				9
17			14.1	19.2	24.4	29.5	34.7	39.9		45.0	50.2	55.3	60.5	65.7			5
18			15.8	21.6	27.4	33.2	39.1	44.9		50.7	56.5	62.3	68.1	73.9			9
19			17.6	24.1	30.6	37.1	43.6	50.1		56.6	63.1	69.6	76.1	82.6			7
20				26.8	34.0	41.2	48.5	55.7		62.9	70.1	77.4	84.6	91.8	89.1		16
21				29.6	37.6	45.6	53.5	61.5		69.5	77.5	85.5	93.5	101.5	99.0		8
22				32.5	41.3	50.1	58.9	67.6		76.4	85.2	94.0	102.8	111.5	109.4	117.4	10
23				35.6	45.2	54.8	64.4	74.0		83.6	93.3	102.9	112.5	122.1	120.3	129.1	11
24				38.7	49.2	59.7	70.2	80.7		91.2	101.7	112.1	122.6	133.1	131.7	141.3	15
25					53.5	64.8	76.2	87.6		99.0	110.4	121.8	133.2	144.6	156.0	167.4	14
26					57.8	70.2	82.5	94.8		107.2	119.5	131.9	144.2	156.5	168.9	181.2	12
27					62.4	75.7	89.0	102.3		115.7	129.0	142.3	155.6	168.9	182.2	195.5	10
28					67.1	81.5	95.8	110.1		124.5	138.8	153.1	167.4	181.8	196.1	210.4	8
29					72.0	87.4	102.8	118.2		133.6	149.0	164.3	179.7	195.1	210.5	225.9	6
30						93.6	110.1	126.5		143.0	159.5	175.9	192.4	208.9	225.3	241.8	8
31						100.0	117.6	135.2		152.2	170.3	187.9	205.5	223.1	240.7	258.3	6
32						106.5	125.3	144.1		162.8	181.6	200.3	219.1	237.8	256.6	275.4	2
33						113.3	133.3	153.2		173.2	193.1	213.1	233.1	253.0	273.0	292.9	1
34						120.3	141.5	162.7		183.9	205.1	226.3	247.5	268.7	289.8	311.0	2
35							150.0	172.4		194.9	217.4	239.8	262.3	284.8	307.2	329.7	0
36							158.7	182.5		206.2	230.0	253.8	277.6	301.3	325.1	348.9	0
37							167.7	192.8		217.9	243.0	268.1	293.2	318.4	343.5	368.6	0
38							176.9	203.4		229.9	256.4	282.9	309.4	335.9	362.3	388.8	0
39							186.3	214.2		242.1	270.1	298.0	325.9	353.8	381.7	409.6	0
40								225.4		254.7	284.1	313.5	342.9	372.2	401.6	431.0	0
41								236.8		267.7	298.5	329.4	360.3	391.1	422.0	452.9	0
42								248.5		280.9	313.3	345.7	378.1	410.5	442.9	475.3	0
43								260.5		294.5	328.4	362.4	396.3	430.3	464.3	498.2	0
44								272.8		308.3	343.9	379.5	415.0	450.6	486.1	521.7	0
45								322.5		359.7	396.9	434.1	471.3	508.5	545.7	582.9	0
46								337.1		375.9	414.8	453.7	492.6	531.4	570.3	609.2	0
47								351.9		392.5	433.1	473.6	514.2	554.8	595.4	636.0	0
48								367.0		409.4	451.7	494.0	536.4	578.7	621.1	663.5	0
49								382.5		426.6	470.7	514.9	559.0	603.1	647.2	691.4	0
50								398.3		444.2	490.2	536.1	582.1	628.0	674.0	719.9	0

NET CUBIC FOOT VOLUME TO TOP OF 4 INCHES
WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES					
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	
7	.6	1.1	1.6	2.1	2.6	3.2	3.7								2	
8	.8	1.7	2.5	3.3	4.2	5.0	5.8	6.6							1	
9	1.1	2.2	3.4	4.6	5.8	6.9	8.1	9.3	10.5						2	
10		2.9	4.4	5.9	7.5	9.0	10.6	12.1	13.6						2	
11		3.5	5.4	7.4	9.3	11.2	13.2	15.1	17.0	19.0					1	
12		4.2	6.6	8.9	11.3	13.6	16.0	18.3	20.7	23.0					1	
13		4.9	7.7	10.5	13.3	16.1	18.9	21.7	24.5	27.3	30.1				5	
14		5.7	9.0	12.2	15.5	18.7	22.0	25.3	28.5	31.8	35.0	43.9			1	
15			10.3	14.0	17.7	21.5	25.2	29.0	32.7	36.4	40.2	49.8	60.6		0	
16			11.6	15.8	20.1	24.3	28.6	32.8	37.1	41.3	45.6	55.9			1	
17			13.0	17.8	22.5	27.3	32.0	36.8	41.6	46.3	51.1	62.1			0	
18			14.4	19.7	25.0	30.3	35.6	40.9	46.2	51.5	56.8	68.5	80.2		2	
19			15.9	21.7	27.6	33.4	39.2	45.1	50.9	56.8	62.6	75.0			1	
20				23.7	30.1	36.5	42.9	49.3	55.7	62.2	68.6	81.4			1	
21				25.8	32.8	39.7	46.7	53.7	60.6	67.6	74.6	88.5			2	
22				27.9	35.4	43.0	50.5	58.0	65.6	73.1	80.7	95.7			1	
23				30.0	38.1	46.2	54.4	62.5	70.6	78.7	86.8	94.9	103.0		110.8	
24				32.1	40.8	49.5	58.2	66.9	75.6	84.3	93.0	101.7	110.4	119.1	127.8	
25					43.5	52.8	62.1	71.4	80.7	90.0	99.2	108.5	117.8	127.1	136.4	
26					46.3	56.2	66.0	75.9	85.8	95.6	105.5	115.4	125.2	135.1	145.0	
27					49.0	59.5	70.0	80.4	90.9	101.3	111.8	122.3	132.7	143.2	153.6	
28					51.8	62.9	73.9	85.0	96.0	107.1	118.1	129.2	140.2	151.3	162.3	
29					54.6	66.2	77.9	89.5	101.2	112.8	124.5	136.1	147.8	159.4	171.1	
30						69.6	81.9	94.1	106.4	118.6	130.9	143.2	155.4	167.7	179.9	
31						73.1	85.9	98.8	111.6	124.5	137.4	150.2	163.1	176.0	188.8	
32						76.5	90.0	103.5	117.0	130.4	143.9	157.4	170.9	184.3	197.8	
33						80.0	94.1	108.2	122.3	136.4	150.5	164.6	178.7	192.8	206.9	
34						83.6	98.3	113.0	127.8	142.5	157.2	171.9	186.7	201.4	216.1	
35							102.6	117.9	133.3	148.7	164.0	179.4	194.8	210.1	225.5	
36							106.9	122.9	138.9	154.9	171.0	187.0	203.0	219.0	235.0	
37							111.3	128.0	144.7	161.3	178.0	194.7	211.4	228.0	244.7	
38							115.8	133.2	150.5	167.9	185.2	202.6	219.9	237.3	254.6	
39							120.4	138.5	156.5	174.6	192.6	210.6	228.7	246.7	264.8	
40								143.9	162.6	181.4	200.1	218.9	237.7	256.4	275.2	
41								149.4	168.9	188.4	207.9	227.4	246.8	266.3	285.8	
42								155.2	175.4	195.6	215.8	236.0	256.3	276.5	296.7	
43								161.0	182.0	203.0	224.0	245.0	265.3	285.8	307.9	
44								167.0	188.8	210.6	232.3	254.1	275.9	297.7	319.4	
45									195.8	218.4	240.9	263.5	286.1	308.7	331.3	
46									203.0	226.4	249.8	273.2	296.6	320.0	343.4	
47									210.3	234.6	258.9	283.1	307.4	331.7	355.9	
48									217.9	243.1	268.2	293.3	318.5	343.6	368.8	
49									225.7	251.8	277.8	303.8	329.9	355.9	382.0	
50									233.7	260.7	287.7	314.6	341.6	368.5	395.5	
BASIS TREES	0	1	2	3	3	6	12	5	7	3	4	1	0	1	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DBH-UNFORKED TREES
WHITE FIR
LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	1.7	1.3	1.8	2.4	3.0	3.6	4.2									2
8	1.8	3.7	5.6	7.4	9.3	11.2	13.0	14.9								1
9	3.2	6.7	10.3	13.8	17.4	20.9	24.5	28.0	31.5							2
10		10.3	15.8	21.3	26.9	32.4	37.9	43.5	49.0							2
11		14.2	22.0	29.8	37.6	45.4	53.2	61.0	68.8	76.6						1
12		18.5	28.8	39.2	49.5	59.8	70.1	80.5	90.8	101.1						1
13		23.2	36.3	49.4	62.5	75.6	88.7	101.8	114.9	128.0	141.0					5
14		28.3	44.4	60.5	76.6	92.7	108.8	124.9	140.9	157.0	173.1					1
15			53.1	72.4	91.7	111.0	130.4	149.7	169.0	188.4	207.7	227.0				0
16			62.3	85.1	107.9	130.7	153.5	176.3	199.1	221.9	244.7	267.5				1
17			72.2	98.7	125.2	151.7	178.2	204.7	231.2	257.7	284.2	310.7	337.1			0
18			82.7	113.1	143.5	174.0	204.4	234.8	265.2	295.6	326.0	356.5	386.9			1
19			93.8	128.4	162.9	197.5	232.1	266.7	301.2	335.8	370.4	404.9	439.5	474.1		0
20				144.5	183.4	222.4	261.3	300.3	339.2	378.2	417.1	456.1	495.0	534.0	573.0	1
21				161.4	204.9	248.5	292.0	335.6	379.2	422.7	466.3	509.8	553.4	597.0	640.5	1
22				179.1	227.5	275.9	324.3	372.7	421.1	469.5	517.9	566.3	614.7	663.1	711.5	1
23				197.7	251.1	304.6	358.1	411.5	465.0	518.5	571.9	625.4	678.9	732.3	785.8	0
24				217.1	275.8	334.6	393.4	452.1	510.9	569.6	628.4	687.2	745.9	804.7	863.4	3
25					301.6	365.9	430.2	494.5	558.8	623.0	687.3	751.6	815.9	880.2	944.5	2
26					328.4	398.5	468.5	538.6	608.4	678.6	748.7	818.7	888.7	958.8	1028.8	1
27					356.3	432.4	508.4	584.4	660.4	736.4	812.4	888.5	964.5	1040.5	1116.5	0
28					385.3	467.5	549.8	632.0	714.2	796.4	878.7	960.9	1043.1	1125.4	1207.6	3
29					415.3	504.0	592.7	681.3	770.0	858.7	947.3	1036.0	1124.7	1213.3	1302.0	2
30						541.8	637.1	732.4	827.8	923.1	1018.4	1113.8	1209.1	1304.4	1399.8	1
31						580.8	683.0	785.3	887.5	989.7	1092.0	1194.2	1296.4	1398.7	1500.9	1
32						621.2	730.5	839.9	949.2	1058.6	1168.0	1277.3	1386.7	1496.0	1605.4	0
33						662.8	779.5	896.2	1012.9	1129.7	1246.4	1363.1	1479.8	1596.5	1713.2	2
34						705.8	830.0	954.3	1078.6	1202.9	1327.2	1451.5	1575.8	1700.1	1824.4	2
35							882.1	1014.2	1146.3	1278.4	1410.6	1542.7	1674.8	1806.9	1939.0	1
36							935.7	1075.8	1216.0	1356.1	1496.3	1636.5	1776.6	1916.8	2056.9	1
37							990.8	1139.2	1287.6	1436.1	1584.5	1732.9	1881.4	2029.8	2178.2	0
38							1047.4	1204.4	1361.3	1518.2	1675.1	1832.0	1989.0	2145.9	2302.9	0
39							1105.6	1271.3	1436.9	1602.6	1768.2	1933.9	2099.6	2265.2	2430.9	0
40								1339.9	1514.5	1689.1	1863.8	2038.4	2213.0	2387.6	2562.2	0
41								1410.3	1594.1	1777.9	1961.7	2145.6	2329.4	2513.2	2697.0	0
42								1482.5	1675.7	1868.9	2062.2	2255.4	2448.6	2641.9	2835.1	0
43								1556.4	1759.3	1962.2	2165.0	2367.9	2570.8	2773.7	2976.6	0
44								1632.1	1844.8	2057.6	2270.4	2483.1	2695.9	2908.6	3121.4	1
45									1932.4	2155.3	2378.1	2601.0	2823.9	3046.7	3269.6	0
46									2021.9	2255.1	2488.3	2721.5	2954.7	3187.9	3421.1	0
47									2113.5	2357.2	2601.0	2844.8	3088.5	3332.3	3576.1	0
48									2207.0	2461.5	2716.1	2970.7	3225.2	3479.8	3734.4	0
49									2302.5	2568.1	2833.7	3099.2	3364.8	3630.4	3896.0	0
50									2400.0	2676.8	2953.7	3230.5	3507.4	3784.2	4061.1	0
BASIS TREES	0	0	1	2	3	6	11	4	5	3	4	0	0	1	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP OIB
WHITE FIR
LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	1.7	1.2	1.7	2.1	2.6	3.0	3.3										2
8	1.8	3.5	5.1	6.6	8.0	9.2	10.4	11.6									1
9	3.1	6.4	9.5	12.3	14.9	17.3	19.5	21.8		24.1							2
10		9.7	14.5	18.9	23.0	26.7	30.3	33.8		37.3							2
11		13.4	20.2	26.4	32.1	37.4	42.4	47.3		52.3	57.4						1
12		17.5	26.5	34.7	42.2	49.2	55.7	62.2		68.8	75.4						1
13		21.9	33.3	43.8	53.3	62.0	70.3	78.4		86.7	95.0	103.6					5
14		26.7	40.7	53.6	65.2	75.9	86.0	95.9	105.9	116.1	126.5						1
15			48.6	64.1	78.0	90.8	102.8	114.6	126.5	138.5	150.8	163.2					1
16			57.1	75.3	91.7	106.6	120.7	134.5	148.3	162.3	176.5	190.9					0
17			66.2	87.2	106.2	123.5	139.7	155.5	171.3	187.3	203.5	219.9	236.5				0
18			75.7	99.9	121.6	141.2	159.6	177.5	195.4	213.5	231.7	250.1	268.5	286.5			2
19			85.9	113.2	137.8	159.9	180.6	200.6	220.6	240.7	261.0	281.4	301.7	321.9	335.8		1
20				127.3	154.8	179.5	202.5	224.7	246.8	269.0	291.3	313.6	335.8	357.8	370.6		1
21				142.0	172.6	200.1	225.4	249.8	273.9	298.1	322.4	346.6	370.6	394.3	417.5		1
22				157.4	191.2	221.4	249.2	275.8	301.9	328.1	354.2	380.2	405.9	431.1	455.6		2
23				173.5	210.7	243.6	273.8	302.5	330.7	358.8	386.7	414.3	441.4	467.9	493.4		3
24				190.3	230.9	266.7	299.3	330.1	360.2	390.0	419.5	448.6	476.9	504.3	530.6		3
25					251.8	290.5	325.5	358.4	390.3	421.7	452.5	482.8	512.1	540.1	566.7		2
26					273.5	315.1	352.4	387.3	420.8	453.6	485.7	516.8	546.6	574.9	601.3		1
27					295.9	340.5	380.1	416.7	451.7	485.7	518.6	550.2	580.2	608.1	633.6		0
28					319.1	366.5	408.3	446.6	482.8	517.7	551.1	582.8	614.1	642.5	667.9		3
29					342.9	393.2	437.1	476.8	514.0	549.4	582.8	614.1	642.5	667.9	689.4		2
30						420.5	466.3	507.3	545.2	580.6	613.6	643.1	671.4	695.5	714.6		1
31						448.4	496.0	538.0	576.1	611.1	643.1	671.4	695.5	714.6	728.0		1
32						476.9	526.0	568.6	606.5	640.7	670.8	696.5	718.6	734.2	741.9		0
33						505.8	556.3	599.1	636.4	668.9	696.5	719.7	737.0	746.4	746.7		2
34						535.2	586.7	629.3	665.3	695.5	719.7	737.0	746.4	746.7	736.6		2
35							617.1	650.1	683.2	720.2	739.8	751.1	752.7	743.3	721.2		1
36							647.5	688.3	719.7	742.5	756.4	760.1	752.2	730.8	694.2		1
37							677.7	716.6	744.5	762.0	768.8	763.2	743.6	707.8	653.7		0
38							707.6	744.0	767.3	778.3	759.6	725.9	672.8	597.6	507.6		0
39							737.1	770.0	787.7	790.8	778.3	748.1	697.6	623.8	523.5		0
40								794.6	805.4	799.0	773.9	727.7	657.2	558.9	428.7		0
41								817.4	820.0	802.1	762.1	697.1	603.0	475.7	310.2		1
42								838.1	830.9	799.6	742.1	654.8	533.0	371.5	164.5		0
43								856.5	827.6	790.6	712.6	599.3	443.5	243.5	15.3		0
44								872.1	839.7	774.2	672.4	528.7	336.6	88.3	16.0		1
45									836.4	749.6	620.1	441.2	205.0	25.7	16.8		0
46									827.1	715.7	554.1	334.5	47.0	26.9	17.5		0
47									811.0	671.3	472.8	206.0	42.8	28.1	18.3		0
48									787.3	615.1	374.2	67.4	44.7	29.4	19.1		0
49									755.1	545.7	256.1	70.3	46.6	30.6	20.0		0
50									713.4	461.6	116.2	73.3	48.6	31.9	20.8		0
BASIS TREES	0	0	1	2	3	6	12	5	7	3	4	1	1	0	1	0	

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNFORKED TREES
WHITE FIR
LINCOLN N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS	80	90	100	110	120	130	140	150	BASIS TREES
7	.4	.7	1.0	1.3	1.6	2.0	2.3										0
8	1.2	2.3	3.5	4.6	5.8	7.0	8.1	9.3		21.5							0
9	2.2	4.6	7.0	9.4	11.8	14.2	16.7	19.1	19.1								1
10		7.4	11.4	15.4	19.4	23.4	27.4	31.4	35.4	35.4							2
11		10.7	16.6	22.5	28.4	34.3	40.2	46.1	52.0	52.0							1
12		14.5	22.5	30.6	38.7	46.7	54.8	62.9	70.9	79.0	57.9						1
13		18.6	29.1	39.6	50.1	60.6	71.1	81.7	92.2	102.7							1
14		23.2	36.4	49.6	62.8	76.0	89.2	102.4	115.6	128.8							5
15			44.3	60.4	76.6	92.7	108.8	125.0	141.1	157.2			189.5				1
16			52.8	72.1	91.5	110.8	130.1	149.4	168.7	188.1			226.7				0
17			62.0	84.7	107.5	130.2	152.9	175.7	198.4	221.2			266.6				1
18			71.8	98.2	124.6	151.0	177.4	203.8	230.1	256.5			309.3	289.4			0
19			82.2	112.5	142.8	173.0	203.3	233.6	263.9	294.2			354.8	335.7			1
20				127.6	162.0	196.4	230.9	265.3	299.7	334.1			402.9	385.0			0
21				143.6	182.4	221.2	259.9	298.7	337.5	376.2			453.8	437.3			1
22				160.5	203.8	247.2	290.5	333.9	377.3	420.6			507.3	492.5			1
23				178.1	226.3	274.5	322.7	370.9	419.0	467.2			563.6	550.7			0
24				196.7	249.9	303.1	356.4	409.6	462.8	516.1			611.8	611.8			1
25					274.6	333.1	391.6	450.1	508.6	567.2			684.2	742.7			2
26					300.3	364.3	428.4	492.4	556.4	620.5			748.5	812.6			1
27					327.1	396.9	466.7	536.4	606.2	676.0			815.5	885.3			0
28					355.0	430.7	506.5	582.2	658.0	733.7			885.3	961.0			3
29					383.9	465.9	547.8	629.8	711.8	793.7			957.6	1039.6			2
30					502.3	590.7	679.1	767.5	855.9	944.3			1032.7	1121.1			1
31					540.1	635.1	730.2	825.3	920.3	1015.4			1110.5	1205.5			1
32					579.1	681.1	783.1	885.0	987.0	1088.9			1190.9	1292.9			0
33					619.5	728.6	837.7	946.8	1055.8	1164.9			1274.0	1383.1			2
34					661.2	777.6	894.0	1010.5	1126.9	1243.4			1359.8	1476.3			1
35						828.1	952.2	1076.2	1200.2	1324.3			1448.3	1572.3			2
36						880.2	1012.1	1143.9	1275.8	1407.6			1539.5	1671.3			1
37						933.8	1073.7	1213.6	1353.5	1493.4			1633.3	1773.2			0
38						989.0	1137.1	1285.3	1433.5	1581.6			1729.8	1878.0			0
39						1045.6	1202.3	1359.0	1515.7	1672.3			1829.0	1985.7			0
40							1269.2	1434.7	1600.1	1765.5			1930.9	2096.3			0
41							1337.9	1512.3	1686.7	1861.1			2035.4	2209.8			0
42							1408.4	1592.0	1775.5	1959.1			2142.7	2326.3			0
43							1480.6	1673.6	1866.6	2059.6			2252.6	2445.6			0
44							1554.6	1757.2	1959.9	2162.6			2365.2	2567.9			1
45								1842.9	2055.4	2267.9			2480.5	2693.0			0
46								1930.5	2153.1	2375.8			2598.4	2821.1			0
47								2020.1	2253.1	2486.1			2719.1	2952.1			0
48								2111.7	2355.2	2598.8			2842.4	3086.0			0
49								2205.3	2459.6	2714.0			2968.4	3222.8			0
50								2300.8	2566.2	2831.7			3097.1	3362.5			0
BASIS TREES	0	0	0	0	2	6	11	4	5	3	4	0	0	0	1	2	

NFT SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP OIR

WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS											BASIS TREES			
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
7	.4	.6	.9	1.2	1.4	1.6	1.8								
8	1.1	2.2	3.2	4.0	4.8	5.6	6.2	6.9							
9	2.1	4.3	6.3	8.2	9.8	11.3	12.7	14.1	15.6						
10		6.9	10.3	13.4	15.1	18.6	20.9	23.2	25.6						
11		10.0	15.0	19.5	23.6	27.2	30.6	34.0	37.4	40.9					
12		13.5	20.4	26.6	32.1	37.0	41.7	46.2	50.9	55.7					
13		17.4	26.3	34.4	41.5	47.9	54.0	59.9	65.8	72.0	78.3				
14		21.6	32.9	43.0	51.9	60.0	67.4	74.8	82.2	89.8	97.6				
15			40.0	52.3	63.2	73.0	82.1	90.9	99.9	109.0	118.4	127.8			
16			47.7	62.4	75.4	87.0	97.8	108.2	118.8	129.5	140.5	151.6	169.6		
17			55.9	73.2	89.5	102.0	114.5	126.7	138.9	151.3	163.9	176.7	189.6		
18			64.7	84.8	102.4	118.0	132.3	146.2	160.1	174.2	188.5	203.0	217.5		
19			74.1	97.0	117.1	134.8	151.1	166.7	182.3	198.1	214.1	230.3	246.4		
20				110.0	132.7	152.6	170.8	188.2	205.5	223.0	240.7	258.5	276.2	293.7	
21				123.6	149.0	171.2	191.4	210.6	229.6	248.7	268.0	287.4	306.5	323.4	343.9
22				137.9	166.2	190.7	212.9	233.8	254.5	275.2	296.1	316.8	337.3	354.4	376.9
23				152.9	184.1	211.0	235.1	257.9	280.1	302.4	324.6	346.6	368.2	389.3	409.5
24				168.6	202.7	232.1	258.2	282.6	306.4	330.0	353.4	376.5	399.1	420.8	441.5
25					222.2	254.0	282.0	308.0	333.2	358.0	382.5	406.4	429.6	451.6	472.4
26					242.3	276.6	306.5	334.0	360.4	386.2	411.4	435.9	459.3	481.3	501.6
27					263.2	299.9	331.6	360.5	387.9	414.4	440.2	464.8	488.1	509.5	528.7
28					284.7	323.8	357.3	387.4	415.6	442.6	468.4	492.8	515.3	535.5	553.0
29					306.9	348.4	383.5	414.5	443.2	470.4	495.9	519.5	540.8	559.0	574.0
30						373.6	410.1	441.9	470.8	497.6	522.4	544.6	563.8	579.4	590.7
31						399.3	437.1	469.3	498.1	524.1	547.4	567.6	584.0	595.8	602.5
32						425.6	464.4	496.7	524.8	549.5	570.8	588.1	600.6	607.6	608.3
33						452.3	491.8	523.9	550.9	573.6	592.1	605.5	613.2	614.0	607.1
34						479.3	519.4	550.8	576.1	596.1	610.8	619.4	620.8	614.0	597.7
35							547.0	577.2	600.1	616.7	626.6	629.1	622.8	606.5	578.8
36							574.4	603.0	622.8	634.8	638.9	633.8	618.2	590.4	548.9
37							601.7	627.9	643.7	650.3	647.1	632.9	605.9	564.4	506.3
38							628.6	651.7	662.7	662.5	650.6	625.4	585.0	527.0	449.1
39							655.1	674.3	679.3	671.1	648.7	610.5	554.0	476.5	375.2
40								695.4	693.3	675.4	640.7	587.1	511.6	411.1	282.2
41								714.7	704.1	674.9	625.8	554.0	456.3	328.8	167.3
42								732.0	711.4	669.0	602.9	510.0	386.3	227.1	27.5
43								746.9	714.7	656.8	571.1	453.6	299.6	103.6	14.5
44								759.1	713.5	637.7	529.2	383.2	194.1	23.4	15.2
45									707.1	610.8	475.9	297.1	67.3	24.5	16.0
46									695.0	575.0	410.0	193.3	39.1	25.7	16.7
47									676.4	529.4	329.8	69.5	40.9	26.9	17.5
48									650.6	472.9	233.5	54.5	42.8	28.1	18.3
49									616.9	404.0	119.5	67.4	44.7	29.3	19.1
50									574.2	321.4	104.6	70.3	46.6	30.6	19.9
BASIS TREES	0	0	1	2	3	6	12	5	7	3	4	1	0	1	0

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES

WHITE FIR

SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	8 BASIS TREES
1	.2															0
2	.2	.3														0
3	.3	.5	.7													0
4	.5	.8	1.1	1.4												0
5	.7	1.2	1.7	2.2	2.7											7
6	.9	1.6	2.3	3.1	3.8	4.5										7
7	1.1	2.1	3.1	4.1	5.1	6.1	7.0									7
8	1.4	2.7	4.0	5.3	6.6	7.9	9.2	10.4								7
9	1.8	3.4	5.0	6.7	8.3	9.9	11.5	13.2	14.8							3
10		4.2	6.2	8.2	10.2	12.2	14.2	16.2	18.2	24.5						2
11		5.0	7.5	9.9	12.3	14.7	17.2	19.6	22.0	29.1						2
12		5.9	8.8	11.7	14.6	17.5	20.4	23.3	26.2	34.1						2
13		6.9	10.3	13.7	17.1	20.5	23.9	27.3	30.7	37.5						3
14		8.0	12.0	15.9	19.8	23.8	27.7	31.7	35.6	43.5						3
15			13.7	18.2	22.9	27.3	31.8	36.3	40.8	49.9						1
16			15.6	20.7	25.9	31.0	36.2	41.3	46.4	56.7						4
17			17.6	23.4	29.2	35.0	40.8	46.6	52.4	64.0						1
18			19.7	26.2	32.7	39.2	45.7	52.2	58.7	71.8						1
19			21.9	29.2	36.4	43.7	50.9	58.2	65.4	79.9						1
20				32.3	40.3	48.4	56.4	64.4	72.5	88.6						0
21				35.6	44.5	53.3	62.2	71.0	79.9	97.6						0
22				39.1	48.8	58.5	68.2	78.0	87.7	107.1						0
23				42.7	53.3	63.9	74.6	85.2	95.8	117.1						0
24				46.4	58.0	69.6	81.2	92.7	104.3	127.5						0
25					62.9	75.5	88.1	100.6	113.2	138.3						0
26					68.1	81.6	95.2	108.8	122.4	149.6						1
27					73.4	88.0	102.7	117.3	132.0	161.3						0
28					78.9	94.7	110.4	126.2	141.9	173.4						0
29					84.6	101.5	118.4	135.3	152.2	186.0						1
30						108.7	126.7	144.8	162.9	199.1						0
31						116.0	135.3	154.6	173.9	212.5						0
32						123.6	144.2	164.7	185.3	226.5						0
33						131.4	153.3	175.2	197.1	240.8						0
34						139.5	162.7	186.0	209.2	255.6						0
35							172.4	197.1	221.7	266.3						0
36							182.4	208.5	234.5	286.6						0
37							192.7	220.2	247.7	275.2						0
38							203.2	232.3	261.3	319.3						0
39							214.1	244.6	275.2	336.3						0
40							257.3	289.5	321.6	385.9						0
41							270.3	304.1	337.9	371.7						0
42							283.7	319.1	354.6	390.0						0
43							297.3	334.5	371.6	408.8						0
44							311.3	350.2	389.1	428.0						0
45								366.3	407.0	447.7						0
46								382.8	425.3	467.8						0
47								399.6	444.0	488.4						0
48								416.8	463.1	509.3						0
49								434.3	482.5	530.8						0
50								452.2	502.4	552.7						0

BASIS

TREES

TOTAL STEM NET CUBIC FOOT VOLUME

WHITE FIR

SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES					
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	
1	.2														0	
2	.3														0	
3	.5														0	
4	.8														0	
5	.7														8	
6	.9														4	
7	1.1														7	
8	1.4														4	
9	1.8														4	
10															3	
11															3	
12															2	
13															4	
14															3	
15															3	
16															2	
17															2	
18															4	
19															1	
20															2	
21															0	
22															0	
23															0	
24															2	
25															2	
26															1	
27															0	
28															0	
29															1	
30															0	
31															0	
32															0	
33															0	
34															0	
35															0	
36															0	
37															0	
38															0	
39															0	
40															0	
41															0	
42															0	
43															0	
44															0	
45															0	
46															0	
47															0	
48															0	
49															0	
50															0	

GROSS CUBIC FOOT VOLUME TO TOP OF 4 INCHES-UNFORKED TREES
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.3	.5	.6	.8	.9											7
6	.6	1.0	1.5	1.9	2.4	2.8										4
7	.8	1.6	2.3	3.1	3.9	4.6	5.4									7
8	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.8								7
9	1.3	2.8	4.3	5.8	7.2	8.7	10.2	11.7	13.2							3
10		3.5	5.4	7.3	9.1	11.0	12.9	14.8	16.7							2
11		4.3	6.6	8.9	11.2	13.5	15.9	18.2	20.5							8
12		5.1	7.9	10.7	13.5	16.2	19.0	21.8	24.6	27.4						4
13		5.9	9.3	12.6	15.9	19.2	22.5	25.8	29.1	32.4						2
14		6.9	10.7	14.6	18.5	22.3	26.2	30.0	33.9	37.8						3
15			12.3	16.8	21.2	25.7	30.1	34.6	39.0	43.5						1
16			14.0	19.1	24.2	29.3	34.4	39.4	44.5	49.6						4
17			15.8	21.6	27.3	33.1	38.8	44.6	50.3	56.1						1
18			17.8	24.2	30.7	37.1	43.6	50.0	56.5	63.0						1
19			19.8	27.0	34.2	41.4	48.6	55.8	63.0	70.2						0
20				29.9	37.9	45.9	53.9	61.9	69.8	77.8						0
21				33.0	41.8	50.6	59.4	68.2	77.0	85.9						0
22				36.2	45.8	55.5	65.2	74.9	84.6	94.3						0
23				39.5	50.1	60.7	71.3	81.9	92.5	103.1						2
24				43.0	54.6	66.1	77.6	89.2	100.7	112.2						0
25					59.2	71.7	84.2	96.8	109.3	121.8						0
26					64.0	77.6	91.1	104.7	118.2	131.8						1
27					69.0	83.6	98.3	112.9	127.5	142.1						0
28					74.2	90.0	105.7	121.4	137.1	152.9						0
29					79.6	96.5	113.4	130.2	147.1	164.0						0
30						103.3	121.3	139.4	157.4	175.5						0
31						110.2	129.5	148.8	168.1	187.4						1
32						117.5	138.0	158.6	179.1	199.7						0
33						124.9	146.8	168.6	190.5	212.3						0
34						132.6	155.8	179.0	202.2	225.4						0
35							165.1	189.7	214.3	238.9						0
36							174.7	200.7	226.7	252.7						0
37							184.5	212.0	239.5	266.9						0
38							194.6	223.6	252.6	281.6						0
39							205.0	235.5	266.0	296.6						0
40								247.7	279.8	312.0						0
41								260.3	294.0	327.8						0
42								273.1	308.5	343.9						0
43								286.2	323.4	360.5						0
44								299.7	338.6	377.5						0
45									354.2	394.8						0
46									370.1	412.6						0
47									386.3	430.7						0
48									402.9	449.2						0
49									419.9	468.1						0
50									437.2	487.4						0
BASIS TREES	0	6	14	13	11	6	2	5	1	0	0	0	0	0	0	0

NET CUBIC FOOT VOLUME TO TOP DIA OF 4 INCHES
WHITE FIR
SANTA FE-CARSON N.F.

D8H CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.3	.5	.6	.8	.9											4
6	.6	1.0	1.5	1.9	2.4	2.8										4
7	.8	1.6	2.3	3.1	3.8	4.6	5.3									7
8	1.1	2.2	3.3	4.4	5.4	6.5	7.6	8.6								4
9	1.3	2.8	4.3	5.7	7.1	8.6	10.0	11.4	12.7							4
10		3.5	5.3	7.2	9.0	10.8	12.6	14.3	16.0	21.7						3
11		4.2	6.5	8.8	11.0	13.2	15.3	17.5	19.6	25.8						8
12		5.0	7.8	10.5	13.2	15.8	18.3	20.8	23.3	30.2						2
13		5.9	9.1	12.3	15.5	18.5	21.5	24.4	27.3	34.9						4
14		6.8	10.6	14.3	17.9	21.5	24.9	28.2	31.6	39.7						3
15			12.1	16.4	20.5	24.6	28.4	32.2	36.0	44.8						1
16			13.8	18.6	23.3	27.8	32.2	36.4	40.6	50.1						4
17			15.5	21.0	26.2	31.3	36.1	40.8	45.5	55.5						1
18			17.4	23.4	29.3	34.9	40.2	45.4	50.5	61.2						2
19			19.3	26.0	32.5	38.7	44.5	50.2	55.7	66.8						3
20				28.8	35.9	42.6	49.0	55.1	61.0	73.0						1
21				31.6	39.4	46.7	53.6	60.2	66.6	79.1						2
22				34.6	43.0	51.0	58.4	65.4	72.3	86.1						1
23				37.7	46.8	55.4	63.3	70.8	78.1	93.2						2
24				40.9	50.8	60.0	68.4	76.4	84.1	100.5						1
25					54.9	64.7	73.7	82.1	90.2	107.7						0
26					59.1	69.5	79.1	88.0	96.5	115.2						2
27					63.5	74.6	84.7	94.0	103.0	122.8						1
28					68.0	79.8	90.4	100.2	109.5	128.5						0
29					72.6	85.1	96.3	106.5	116.3	136.0						1
30						90.6	102.3	113.0	123.1	143.7						0
31						96.2	108.5	119.6	130.2	151.6						0
32						102.0	114.9	126.4	137.4	159.5						0
33						108.0	121.4	133.4	144.7	167.7						0
34						114.1	128.1	140.6	152.2	176.0						0
35							135.0	147.9	159.9	184.5						0
36							142.0	155.4	167.8	193.2						0
37							149.3	163.1	175.9	202.0						0
38							156.7	170.9	184.1	211.1						0
39							164.3	179.0	192.6	220.4						0
40								187.3	201.3	230.0						0
41								195.8	210.2	239.7						0
42								204.5	219.3	249.7						0
43								213.4	228.6	260.0						0
44								222.5	238.2	270.5						0
45									248.0	281.3						0
46									258.1	292.3						0
47									268.4	303.7						0
48									278.9	315.3						0
49									289.8	327.2						0
50									300.8	339.4						0
BASIS TREES	0	7	15	15	12	6	3	7	1	0	0	0	0	0	0	0

GROSS CUBIC FOOT VOLUME TO TOP DIA OF 6 INCHES--UNFORKED TREES
 WHITE FIR
 SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.5	.8	1.0	1.3	1.5	1.8									6
8	.6	1.3	2.0	2.7	3.4	4.1	4.7	5.4								7
9	1.0	2.1	3.2	4.3	5.5	6.6	7.7	8.8	9.9							3
10		2.9	4.5	6.0	7.6	9.2	10.8	12.4	13.9							2
11		3.7	5.8	7.8	9.9	12.0	14.0	16.1	18.1	20.2						8
12		4.6	7.2	9.7	12.3	14.8	17.4	20.0	22.6	25.1	33.5					2
13		5.5	8.6	11.7	14.8	17.9	21.1	24.2	27.3	30.4	39.6	50.4				4
14		6.5	10.2	13.9	17.5	21.2	24.9	28.6	32.3	35.9	46.1	58.0	71.5			1
15			11.8	16.1	20.4	24.7	29.0	33.3	37.6	41.8	53.0	65.9	80.7	97.4		4
16			13.6	18.5	23.4	28.4	33.3	38.2	43.2	48.1	60.3	74.4	90.3	108.3	128.5	0
17			15.4	21.0	26.7	32.3	37.9	43.5	49.1	54.7	68.0	83.2	100.4	119.7	141.3	0
18			17.4	23.7	30.0	36.4	42.7	49.0	55.4	61.7	76.1	92.5	111.0	131.7	154.7	0
19			19.4	26.5	33.6	40.7	47.8	54.9	62.0	69.0	84.6	102.9	122.1	144.2	168.7	0
20				29.5	37.3	45.2	53.1	61.0	68.9	76.8	93.6	112.5	133.7	159.6	183.3	1
21				32.6	41.3	50.0	58.7	67.4	76.1	84.9	102.9	123.2	145.8	171.5	198.4	0
22				35.8	45.4	55.0	64.6	74.2	83.7	93.3	112.7	134.3	158.0	185.0	214.2	0
23				39.2	49.7	60.2	70.7	81.2	91.7	102.2	122.9	145.9	171.5	199.2	230.5	1
24				42.7	54.1	65.6	77.1	88.5	100.0	111.4	133.5	158.0	185.0	214.8	247.4	0
25					58.8	71.3	83.7	96.2	108.6	121.0	144.5	170.5	199.2	230.6	264.9	0
26					63.7	77.1	90.6	104.1	117.6	131.0	156.0	183.5	213.8	246.9	283.0	0
27					68.7	83.2	97.8	112.3	126.9	141.4	156.0	183.5	213.8	246.9	283.0	0
28					73.9	89.6	105.2	120.9	136.5	152.2	167.9	183.5	213.8	246.9	283.0	0
29					79.3	96.1	112.9	129.7	146.5	163.4	180.2	197.0	213.8	246.9	283.0	0
30						102.9	120.9	138.9	156.9	174.9	192.9	210.9	228.9	246.9	283.0	0
31						109.9	129.1	148.4	167.6	186.8	206.1	225.3	244.5	263.7	283.0	0
32						117.1	137.6	158.1	178.6	199.1	219.6	240.1	260.6	281.1	301.6	0
33						124.6	146.4	168.2	190.0	211.8	233.6	255.5	277.3	299.1	320.9	0
34						132.3	155.5	178.6	201.8	224.9	248.1	271.2	294.4	317.6	340.7	0
35							164.8	189.3	213.9	238.4	262.9	287.5	312.0	336.6	361.1	0
36							174.3	200.3	226.3	252.3	278.2	304.2	330.2	356.2	382.1	0
37							184.2	211.6	239.1	266.5	294.0	321.4	348.8	376.3	403.7	0
38							194.3	223.2	252.2	281.2	310.1	339.1	368.0	397.0	425.9	0
39							204.7	235.2	265.7	296.2	326.7	357.2	387.7	418.2	448.7	0
40								247.4	279.5	311.6	343.7	375.8	407.9	440.0	472.1	0
41								260.0	293.7	327.4	361.1	394.8	428.6	462.3	496.0	0
42								272.8	308.2	343.6	379.0	414.4	449.8	485.2	520.5	0
43								286.0	323.1	360.2	397.3	434.4	471.5	508.6	545.7	0
44								299.4	338.3	377.1	416.0	454.8	493.7	532.5	571.4	0
45									353.9	394.5	435.1	475.8	516.4	557.1	597.7	0
46									369.8	412.3	454.7	497.2	539.7	582.1	624.6	0
47									386.1	430.4	474.7	519.1	563.4	607.7	652.1	0
48									402.7	448.9	495.2	541.4	587.7	633.9	680.2	0
49									419.6	467.8	516.0	564.2	612.4	660.6	708.8	0
50									436.9	487.1	537.3	587.5	637.7	687.9	738.1	0
8 BASIS TREES	0	1	10	12	11	6	2	5	1	0	0	0	0	0	0	0

NET CUBIC FOOT VOLUME TO TOP DIA OF 6 INCHES
WHITE FIR
SANTA FE-CARSON N.F.

D8H CLASS	10	20	30	40	50	60	70	HEIGHT CLASS 80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.5	.8	1.0	1.3	1.5	1.8									7
8	.6	1.3	2.0	2.7	3.3	4.0	4.6	5.3								7
9	1.0	2.1	3.2	4.3	5.4	6.5	7.5	8.6	9.6							4
10		2.9	4.4	6.0	7.5	9.0	10.5	12.0	13.4	19.2						3
11		3.7	5.7	7.7	9.7	11.6	13.6	15.4	17.3	23.7						8
12		4.6	7.1	9.6	12.0	14.4	16.8	19.1	21.4	28.3						2
13		5.5	8.5	11.5	14.5	17.3	20.1	22.9	25.6	33.2						4
14		6.5	10.0	13.6	17.0	20.4	23.6	26.8	30.0	38.2						3
15			11.7	15.7	19.7	23.6	27.3	31.0	34.6	43.4	31.0	45.5				1
16			13.3	18.0	22.6	27.0	31.2	35.3	39.4	48.8	47.5	51.6	62.7			4
17			15.1	20.4	25.6	30.5	35.2	39.8	44.3	54.4	53.4	58.0	69.7			2
18			17.0	23.0	28.7	34.2	39.4	44.5	49.4	60.1	59.4	64.5	76.9			1
19			19.0	25.6	32.0	38.0	43.8	49.3	54.7	66.0	72.0	78.0	84.2			2
20				35.4	42.0	49.4	56.7	64.1	71.5	84.6	85.0	91.7	99.4	106.7	105.4	2
21				38.9	46.1	54.9	62.7	70.2	77.4	91.0	98.8	106.8	115.0	123.5	123.0	1
22				42.6	50.4	59.5	67.9	75.8	83.4	97.6	105.9	114.3	123.1	132.0	141.1	1
23				46.4	54.9	64.2	73.2	81.5	89.6	104.4	113.0	122.0	131.2	140.7	150.4	0
24				50.4	59.5	69.1	78.6	87.4	95.9	109.9	118.2	129.8	139.5	149.6	159.8	0
25				54.5	64.2	74.2	84.2	93.5	102.3	115.7	125.4	135.3	145.7	156.5	167.6	1
26				58.7	69.1	79.4	89.9	99.6	108.9	118.2	127.8	137.7	147.9	158.5	169.4	0
27				63.1	74.2	84.7	95.8	106.0	115.7	125.4	135.3	145.7	156.5	167.6	179.0	0
28				67.6	79.4	90.2	101.9	112.5	122.6	132.6	143.0	153.9	165.2	176.9	188.8	0
29				72.3	84.7	95.9	108.1	119.2	129.6	140.1	150.9	162.2	174.0	186.2	198.8	0
30					90.2	101.9	114.5	126.0	136.8	147.7	158.9	170.7	183.0	195.8	209.0	0
31					95.9	107.7	119.2	130.0	144.2	155.4	167.0	179.3	192.1	205.5	219.3	0
32					101.7	113.8	127.7	140.1	151.7	163.3	175.4	188.1	201.5	215.4	229.8	0
33					107.7		121.0	133.0	144.2	155.4	167.0	179.3	192.1	205.5	219.3	0
34					113.8		127.7	140.1	151.7	163.3	175.4	188.1	201.5	215.4	229.8	0
35							134.6	147.4	159.4	171.4	183.9	197.1	211.0	225.5	240.5	0
36							141.7	155.0	167.3	179.7	192.6	206.2	220.7	235.8	251.5	0
37							148.9	162.6	175.4	188.1	201.4	215.6	230.6	246.3	262.6	0
38							156.3	170.5	183.7	196.8	210.5	225.2	240.8	257.1	274.0	0
39							164.0	178.6	192.2	205.7	219.9	235.0	251.1	268.1	285.7	0
40								186.9	200.8	214.8	229.4	245.1	261.8	279.4	297.7	0
41								195.4	209.7	224.1	239.2	255.4	272.7	291.0	310.0	0
42								204.1	218.9	233.6	249.2	265.9	283.9	302.8	322.5	0
43								213.0	228.2	243.4	259.5	276.8	295.3	315.0	335.4	0
44								222.2	237.8	253.4	270.0	287.9	307.1	327.4	348.7	0
45									247.6	263.7	280.8	299.3	319.1	340.2	362.2	0
46									257.7	274.3	291.9	310.9	331.5	353.3	376.2	0
47									268.0	285.1	303.2	322.9	344.2	366.8	390.4	0
48									278.6	296.2	314.9	335.2	357.2	380.6	405.1	0
49									289.4	307.5	326.8	347.8	370.6	394.8	420.1	0
50									300.5	319.1	339.0	360.7	384.2	409.3	435.6	0

BASIS
TREES

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES

WHITE FIR

SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.2	2.2	3.1	4.1	5.1	6.1	7.0									6
8	2.8	5.8	8.7	11.7	14.7	17.6	20.6	23.6								7
9	4.5	9.7	14.9	20.1	25.3	30.4	35.6	40.8	46.0							3
10		14.0	21.5	29.1	36.7	44.3	51.9	59.5	67.1							2
11		18.5	28.7	38.9	49.1	59.3	69.5	79.7	90.0	100.2						3
12		23.4	36.4	49.4	62.4	75.4	88.4	101.5	114.5	127.5						2
13		28.6	44.6	60.6	76.6	92.7	108.7	124.7	140.7	156.8	172.8					4
14		34.1	53.3	72.6	91.8	111.1	130.3	149.5	168.8	188.0	207.3	266.7				3
15			62.6	85.3	108.0	130.7	153.3	176.0	198.7	221.3	244.0	309.3				1
16			72.5	98.8	125.2	151.5	177.8	204.1	230.4	256.7	283.0	354.6				4
17			83.0	113.2	143.3	173.5	203.7	233.9	264.0	294.2	324.4	402.3	384.7			1
18			94.0	128.3	162.5	196.8	231.0	265.3	299.6	333.8	368.1	452.7	436.6			1
19			105.7	144.2	182.8	221.3	259.9	298.4	337.0	375.5	414.1	505.6	529.8			0
20				161.0	204.1	247.1	290.2	333.3	376.4	419.4	462.5	561.2	591.8			0
21				178.6	226.4	274.2	322.0	369.9	417.7	465.5	513.3	609.0	658.7			0
22				197.0	249.8	302.6	355.4	408.2	461.0	513.7	566.5	619.3	672.1			2
23				216.2	274.2	332.2	390.2	448.2	506.2	564.2	622.2	680.2	738.1			0
24				236.3	299.7	363.1	426.5	490.0	553.4	616.8	680.2	743.6	807.0			0
25					326.3	395.3	464.4	533.5	602.5	671.6	740.7	809.7	878.8			1
26					353.9	428.9	503.8	578.7	653.7	728.6	803.6	878.5	953.4			0
27					382.6	463.7	544.7	625.7	706.8	787.8	868.9	949.9	1031.0			0
28					412.4	499.8	587.1	674.5	761.9	849.3	936.6	1024.0	1112.0			0
29					443.2	537.2	631.1	725.0	819.0	912.9	1006.8	1100.8	1194.7			1
30						575.9	676.6	777.3	878.0	978.8	1079.5	1180.2	1280.9			0
31						615.9	723.6	831.4	939.1	1046.8	1154.6	1262.3	1370.1			0
32						657.2	772.2	887.2	1002.1	1117.1	1232.1	1347.1	1462.1			0
33						699.8	822.3	944.7	1067.2	1189.6	1312.1	1434.6	1557.0			0
34						743.7	873.9	1004.0	1134.2	1264.4	1394.6	1524.7	1654.9			0
35							927.0	1065.1	1203.2	1341.3	1479.5	1617.6	1755.7			0
36							981.7	1128.0	1274.3	1420.5	1566.8	1713.1	1859.3			0
37							1038.0	1192.6	1347.3	1501.9	1656.6	1811.3	1965.9			0
38							1095.7	1259.0	1422.3	1585.6	1748.9	1912.1	2075.4			0
39							1155.0	1327.2	1499.3	1671.4	1843.6	2015.7	2187.9			0
40								1397.1	1578.3	1759.5	1940.8	2122.0	2303.2			0
41								1468.8	1659.3	1849.9	2040.4	2230.9	2421.4			0
42								1542.3	1742.3	1942.4	2142.5	2342.6	2542.7			0
43								1617.5	1827.4	2037.2	2247.0	2456.9	2666.7			0
44								1694.5	1914.4	2134.2	2354.0	2573.9	2793.7			0
45									2003.4	2233.4	2463.5	2693.6	2923.7			0
46									2094.4	2334.9	2575.5	2816.0	3056.5			0
47									2187.4	2438.6	2689.9	2941.1	3192.3			0
48									2282.4	2544.6	2806.7	3068.9	3331.0			0
49									2379.4	2652.7	2926.0	3199.3	3472.6			0
50									2478.4	2763.1	3047.8	3332.5	3617.2			0

BASIS
TREES

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIA
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.1	2.0	3.0	3.9	4.8	5.7	6.7									6
8	2.6	5.4	8.2	11.0	13.7	16.5	19.3	22.1								7
9	4.2	9.0	13.8	18.6	23.3	28.1	32.9	37.7	42.5							4
10		12.7	19.6	26.6	33.5	40.4	47.3	54.2	61.0							3
11		16.6	25.8	34.9	44.0	53.1	62.2	71.3	80.4	89.5						8
12		20.6	32.1	43.6	55.0	66.4	77.8	89.1	100.4	111.7						2
13		24.8	38.7	52.5	66.3	80.0	93.8	107.4	121.1	134.7	148.2					4
14		29.1	45.4	61.7	77.9	94.1	110.2	126.3	142.3	158.2	174.0					3
15			52.4	71.2	89.9	108.6	127.1	145.6	164.0	182.2	200.4					1
16			59.6	81.0	102.3	123.5	144.5	165.4	186.2	206.8	227.3					4
17			67.1	91.2	115.1	138.8	162.4	185.8	208.9	231.9	254.7					2
18			74.9	101.7	128.3	154.7	180.8	206.7	232.3	257.6	282.7					1
19			83.0	112.7	142.0	171.1	199.8	228.2	256.2	283.9	311.2					3
20				124.0	156.2	188.1	219.4	250.4	280.8	310.8	340.3					1
21				135.8	171.0	205.6	239.7	273.2	306.0	338.3	369.9					0
22				148.1	186.3	223.8	260.6	296.6	331.9	366.4	400.1					1
23				160.9	202.2	242.6	282.1	320.7	358.4	395.0	430.6					2
24				174.2	218.7	262.0	304.3	345.5	385.4	424.1	461.4					0
25					235.7	282.1	327.1	370.7	412.8	453.4	492.4					1
26					253.2	302.6	350.4	396.4	440.7	483.0	523.4					2
27					271.3	323.7	374.2	422.6	468.7	512.6	554.0					0
28					289.8	345.3	398.4	449.0	496.9	542.0	584.2					1
29					308.8	367.3	422.9	475.5	525.0	571.1	613.6					0
30						389.6	447.6	502.1	552.8	599.5	641.9					0
31						412.2	472.5	528.6	580.2	627.1	668.8					0
32						435.0	497.4	554.9	607.0	653.4	693.8					0
33						458.0	522.2	580.7	632.8	678.3	716.5					0
34						481.0	546.8	605.8	657.5	701.3	736.4					0
35							571.0	630.2	680.8	722.0	753.1					0
36							594.8	653.5	702.3	740.1	765.9					0
37							617.8	675.6	721.7	755.0	774.2					0
38							640.0	696.1	738.6	766.2	777.2					0
39							661.2	714.8	752.7	773.2	774.3					0
40								731.4	763.5	775.3	764.4					0
41								745.6	770.4	771.8	746.7					0
42								756.9	773.1	761.9	720.0					0
43								765.1	770.8	744.9	683.1					0
44								769.6	763.0	719.7	634.8					0
45									748.9	685.4	573.6					0
46									727.8	640.8	497.7					0
47									698.8	584.6	405.3					0
48									661.0	515.5	294.5					0
49									613.3	431.9	163.0					0
50									554.7	332.0	8.1					0
BASIS TREES	0	1	10	14	12	6	3	7	1	0	0	0	0	0	0	0

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIP - UNFORKED TREES

 WHITE FIR
 SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS										BASIS TREES				
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
7	1.7	1.2	1.8	2.4	2.9	3.5	4.1								0
8	1.8	3.7	5.7	7.6	9.5	11.5	13.4	15.3							0
9	3.2	6.8	10.5	14.1	17.8	21.4	25.1	28.7	32.4						1
10		10.4	16.1	21.7	27.4	33.0	38.7	44.4	50.0						2
11		14.4	22.3	30.2	38.2	46.1	54.0	61.9	69.9	77.8					3
12		18.7	29.2	39.6	50.1	60.5	71.0	81.4	91.8	102.3					2
13		23.5	36.7	49.9	63.1	76.3	89.4	102.6	115.8	129.0	142.2				4
14		28.6	44.8	61.0	77.1	93.3	109.5	125.6	141.8	158.0	174.1	227.9			1
15			53.5	72.9	92.3	111.7	131.1	150.4	169.8	189.2	208.6	268.2			1
16			62.9	85.7	108.5	131.3	154.2	177.0	199.8	222.6	245.4	311.2			1
17			72.8	99.3	125.8	152.3	178.8	205.3	231.8	258.2	284.7	356.9			2
18			83.4	113.8	144.2	174.6	205.0	235.3	265.7	296.1	326.5	405.2			0
19			94.6	129.1	163.6	198.1	232.7	267.2	301.7	336.2	370.7	456.3			0
20				145.3	184.2	223.0	261.9	300.8	339.6	378.5	417.4	510.0			0
21				162.3	205.8	249.2	292.7	336.2	379.6	423.1	466.6	553.5			0
22				180.2	228.5	276.7	325.0	373.3	421.6	469.9	518.2	614.8			2
23				198.9	252.2	305.6	358.9	412.3	465.6	518.9	572.3	625.6			0
24				218.5	277.1	335.7	394.4	453.0	511.6	570.2	628.9	687.5			0
25					303.1	367.2	431.3	495.5	559.6	623.8	687.9	752.1			1
26					330.1	400.0	469.9	539.8	609.7	679.6	749.5	819.4			0
27					358.2	434.1	510.0	585.9	661.8	737.6	813.5	889.4			0
28					387.5	469.6	551.7	633.8	715.9	798.0	880.1	962.1			1
29					417.8	506.3	594.9	683.4	772.0	860.5	949.1	1037.6			0
30						544.4	639.7	734.9	830.1	925.4	1020.6	1115.8			0
31						583.9	686.0	788.2	890.3	992.5	1094.6	1196.7			0
32						624.6	733.9	843.2	952.5	1061.8	1171.1	1280.4			0
33						666.7	783.4	900.1	1016.8	1133.4	1250.1	1366.8			0
34						710.1	834.4	958.7	1083.0	1207.3	1331.6	1455.9			0
35							887.0	1019.2	1151.3	1283.5	1415.6	1547.8			0
36							941.2	1081.4	1221.7	1361.9	1502.1	1642.3			0
37							996.9	1145.5	1294.0	1442.6	1591.1	1739.7			0
38							1054.2	1211.3	1368.4	1525.5	1682.6	1839.7			0
39							1113.1	1279.0	1444.9	1610.7	1776.6	1942.5			0
40								1348.4	1523.3	1698.2	1873.1	2048.0			0
41								1419.7	1603.8	1788.0	1972.2	2156.3			0
42								1492.7	1686.4	1880.0	2073.7	2267.3			0
43								1567.6	1771.0	1974.3	2177.7	2381.1			0
44								1644.3	1857.6	2070.9	2284.2	2497.5			0
45									1946.2	2169.7	2393.3	2616.8			0
46									2036.9	2270.8	2504.8	2738.7			0
47									2129.6	2374.2	2618.8	2863.4			0
48									2224.4	2479.9	2735.4	2990.9			0
49									2321.2	2587.8	2854.4	3121.0			0
50									2420.0	2698.0	2976.0	3254.0			0

BASIS
TREES

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIP
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	10	20	30	40	50	60	70	HEIGHT CLASS FO	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.2	1.7	2.2	2.8	3.3	3.8									6
8	1.7	3.5	5.3	7.0	8.8	10.6	12.4	14.2								7
9	2.9	6.2	9.6	12.9	16.2	19.5	22.9	26.2	29.5							4
10		9.3	14.4	19.5	24.5	29.6	34.6	39.7	44.7							3
11		12.7	19.6	26.6	33.5	40.5	47.4	54.3	61.2	68.1						8
12		16.2	25.2	34.2	43.1	52.0	61.0	69.8	78.7	87.6						2
13		19.9	31.0	42.1	53.1	64.1	75.1	86.1	97.0	107.9	118.7					4
14		23.7	37.1	50.3	63.6	76.7	89.8	102.9	115.9	128.9	141.8					3
15			43.3	58.9	74.3	89.7	105.0	120.2	135.4	150.4	165.4	180.2				1
16			49.8	67.7	85.5	103.1	120.6	138.0	155.3	172.5	189.5	206.4				4
17			56.6	76.9	97.0	116.9	136.7	156.3	175.7	195.0	214.1	232.9				2
18			63.6	86.4	108.9	131.2	153.3	175.1	196.7	218.0	239.1	259.9	280.5			1
19			70.9	96.2	121.2	146.0	170.4	194.4	218.2	241.6	264.6	287.3	309.6	331.6		2
20				106.5	134.1	161.2	188.0	214.3	240.2	265.6	290.6	315.1	339.1	362.5		0
21				117.2	147.4	177.0	206.2	234.8	262.8	290.2	317.0	343.1	368.7	393.5	417.7	1
22				128.3	161.2	193.4	225.0	255.8	285.9	315.2	343.8	371.5	398.4	424.4	449.6	2
23				139.9	175.5	210.4	244.3	277.4	308.5	340.7	370.9	400.0	428.1	455.0	480.8	1
24				151.9	190.4	227.9	264.2	299.5	333.6	366.5	398.2	428.5	457.5	485.1	511.2	0
25					205.8	245.9	284.7	322.1	358.1	392.6	425.5	456.8	486.4	514.2	540.2	1
26					221.7	264.4	305.6	345.1	382.8	418.7	452.7	484.7	514.5	542.2	567.5	0
27					238.0	283.5	327.0	368.4	407.8	444.8	479.6	511.8	541.5	568.5	592.6	0
28					254.8	302.9	348.6	392.0	432.7	470.7	505.9	538.0	567.0	592.6	614.8	1
29					272.0	327.7	370.6	415.6	457.5	496.1	531.3	562.8	590.5	614.1	633.4	0
30						342.8	392.7	439.2	481.9	520.8	555.5	585.8	611.5	632.2	647.7	0
31						363.1	414.9	462.6	505.9	544.5	578.2	609.6	629.4	646.3	656.7	0
32						383.6	437.1	485.7	529.1	567.0	599.0	624.7	643.7	655.5	659.5	0
33						404.2	459.0	508.2	551.4	588.0	617.5	639.6	653.6	658.9	655.1	0
34						424.7	480.8	530.1	572.4	607.0	633.2	650.6	658.3	655.7	642.0	0
35							502.0	551.1	591.9	623.6	645.6	657.0	657.0	644.6	618.9	0
36							522.7	571.0	609.6	637.6	654.1	658.2	648.7	624.5	584.3	0
37							542.7	589.6	625.2	648.4	658.2	633.2	632.3	593.8	536.4	0
38							561.8	606.6	638.3	655.6	657.1	641.3	606.6	551.2	473.1	0
39								621.7	648.4	658.5	650.0	621.3	570.3	494.8	392.3	0
40								634.6	655.3	656.5	636.3	592.2	522.0	422.7	291.5	0
41								645.1	658.4	649.1	614.8	552.8	459.9	332.7	167.7	0
42								652.8	657.2	635.5	584.7	501.6	382.2	222.4	17.8	0
43								657.2	651.1	614.9	544.9	437.1	286.8	89.1	2.7	0
44								658.1	639.6	586.4	494.0	357.6	171.5	2.1	2.2	0
45									621.9	549.0	430.8	261.3	33.6	1.7	1.8	0
46									597.5	501.8	353.7	146.0	1.3	1.4	1.5	0
47									565.4	443.5	261.1	9.4	1.1	1.2	1.3	0
48									524.8	372.9	151.1	.8	.9	1.0	1.0	0
49									474.7	288.5	21.7	.7	.8	.9	.9	0
50									414.2	188.8	.5	.6	.6	.7	.7	0

BASIS
TREES

Headquarters for the Intermountain Forest and Range Experiment Station are in Ogden, Utah. Field programs and research work units are maintained in:

Billings, Montana
Boise, Idaho
Bozeman, Montana (in cooperation with Montana State University)
Logan, Utah (in cooperation with Utah State University)
Missoula, Montana (in cooperation with University of Montana)
Moscow, Idaho (in cooperation with the University of Idaho)
Provo, Utah (in cooperation with Brigham Young University)
Reno, Nevada (in cooperation with the University of Nevada)

Hann, David W., and B. Bruce Bare.

1978. Comprehensive tree volume equations for major species of New Mexico and Arizona: II. Tables for unforked trees. USDA For. Serv. Res. Pap. INT-210, 127 p. Intermt. For. and Range Exp. Stn., Ogden, Utah 84401.

Selected volume tables for unforked trees are presented for major tree species of New Mexico and Arizona. The volume equations used to derive these tables are described in the companion publication, "Comprehensive tree volume equations for major species of New Mexico and Arizona: I. Results and Methodology."

KEYWORDS tree volume equations, tables for unforked trees, New Mexico, Arizona.

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