Ecologically Based Individual Tree Volume Estimation for Major Alberta Tree Species

Report # 10

Ecologically Based Individual Tree Volume Tables for

Softwood Groups

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4). Engelmann spruce (*Picea engelmannii* Parry ex Engelm.)
5). Jack pine (*Pinus banksiana* Lamb.)

Report 12. Ecologically based individual tree volume tables for hardwood groups

TABLE OF CONTENTS

		Page
1.0	INTRODUCTION	1
2.0	USE OF THE TABLES	5
3.0	GROSS TOTAL VOLUME TABLES	8
4.0	MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 2, 15, 16	13
5.0	MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 9, 11, 14	20
6.0	MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 7, 8, 10	27
7.0	MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 1, 3, 4, 5, 6, 12, 13	34
8.0	MERCHANTABLE LENGTH TABLES FOR NATURAL REGIONS 2, 15, 16	41
9.0	MERCHANTABLE LENGTH TABLES FOR NATURAL REGIONS 9, 11, 14	48
10.0	MERCHANTABLE LENGTH TABLES FOR NATURAL REGIONS 7, 8, 10	55
11.0	MERCHANTABLE LENGTH TABLES FOR NATURAL REGIONS 1, 3, 4, 5, 6, 12, 13	62
12.0	NUMBER OF TREES PER CUBIC METRE OF MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 2, 15, 16	69
13.0	NUMBER OF TREES PER CUBIC METRE OF MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 9, 11, 14	76
14.0	NUMBER OF TREES PER CUBIC METRE OF MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 7, 8, 10	83
15.0	NUMBER OF TREES PER CUBIC METRE OF MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 1, 3, 4, 5, 6, 12, 13	90

APPENDICES

Appendix 1. List of Natural Regions of Alberta 97
Appendix 2. List of Major Alberta Tree Species and Their Species Code 98
Appendix 3. Metric Conversion Chart 99

LIST OF FIGURES

Figure — Page

1. Natural Regions of Alberta 3

LIST OF TABLES

Table — Page

Gross total volume tables 8

1. Gross total volume (m^3) for natural regions 2, 15, 16 9
2. Gross total volume (m^3) for natural regions 9, 11, 14 10
3. Gross total volume (m^3) for natural regions 7, 8, 10 11
4. Gross total volume (m^3) for natural regions 1, 3, 4, 5, 6, 12, 13 12

Merchantable volume tables for natural regions 2, 15, 16 13

5. Merchantable volume (m^3) from 0.30 m stump height to 5.0 cm top dib 14
6. Merchantable volume (m^3) from 0.30 m stump height to 7.0 cm top dib 15
7. Merchantable volume (m^3) from 0.30 m stump height to 10.0 cm top dib 16
8. Merchantable volume (m^3) from 0.30 m stump height to 11.0 cm top dib 17
9. Merchantable volume (m^3) from 0.30 m stump height to 13.0 cm top dib 18
10. Merchantable volume (m^3) from 0.30 m stump height to 15.0 cm top dib 19

Merchantable volume tables for natural regions 9, 11, 14 20

11. Merchantable volume (m^3) from 0.30 m stump height to 5.0 cm top dib 21
12. Merchantable volume (m^3) from 0.30 m stump height to 7.0 cm top dib 22
13. Merchantable volume (m^3) from 0.30 m stump height to 10.0 cm top dib 23
14. Merchantable volume (m^3) from 0.30 m stump height to 11.0 cm top dib 24
15. Merchantable volume (m^3) from 0.30 m stump height to 13.0 cm top dib 25
16. Merchantable volume (m^3) from 0.30 m stump height to 15.0 cm top dib 26

Merchantable volume tables for natural regions 7, 8, 10 27

17. Merchantable volume (m^3) from 0.30 m stump height to 5.0 cm top dib 28
18. Merchantable volume (m^3) from 0.30 m stump height to 7.0 cm top dib 29
19. Merchantable volume (m^3) from 0.30 m stump height to 10.0 cm top dib 30
20. Merchantable volume (m^3) from 0.30 m stump height to 11.0 cm top dib 31
21. Merchantable volume (m^3) from 0.30 m stump height to 13.0 cm top dib 32

22. Merchantable volume (m^3) from 0.30 m stump height to 15.0 cm top dib 33

Merchantable volume tables for natural regions 1, 3, 4, 5, 6, 12, 13 34

23. Merchantable volume (m^3) from 0.30 m stump height to 5.0 cm top dib 35
24. Merchantable volume (m^3) from 0.30 m stump height to 7.0 cm top dib 36
25. Merchantable volume (m^3) from 0.30 m stump height to 10.0 cm top dib 37
26. Merchantable volume (m^3) from 0.30 m stump height to 11.0 cm top dib 38
27. Merchantable volume (m^3) from 0.30 m stump height to 13.0 cm top dib 39
28. Merchantable volume (m^3) from 0.30 m stump height to 15.0 cm top dib 40

Merchantable length tables for natural regions 2, 15, 16 41

29. Merchantable length (m) from 0.30 m stump height to 5.0 cm top dib 42
30. Merchantable length (m) from 0.30 m stump height to 7.0 cm top dib 43
31. Merchantable length (m) from 0.30 m stump height to 10.0 cm top dib 44
32. Merchantable length (m) from 0.30 m stump height to 11.0 cm top dib 45
33. Merchantable length (m) from 0.30 m stump height to 13.0 cm top dib 46
34. Merchantable length (m) from 0.30 m stump height to 15.0 cm top dib 47

Merchantable length tables for natural regions 9, 11, 14 48

35. Merchantable length (m) from 0.30 m stump height to 5.0 cm top dib 49
36. Merchantable length (m) from 0.30 m stump height to 7.0 cm top dib 50
37. Merchantable length (m) from 0.30 m stump height to 10.0 cm top dib 51
38. Merchantable length (m) from 0.30 m stump height to 11.0 cm top dib 52
39. Merchantable length (m) from 0.30 m stump height to 13.0 cm top dib 53
40. Merchantable length (m) from 0.30 m stump height to 15.0 cm top dib 54

Merchantable length tables for natural regions 7, 8, 10 55

41. Merchantable length (m) from 0.30 m stump height to 5.0 cm top dib 56
42. Merchantable length (m) from 0.30 m stump height to 7.0 cm top dib 57
43. Merchantable length (m) from 0.30 m stump height to 10.0 cm top dib 58
44. Merchantable length (m) from 0.30 m stump height to 11.0 cm top dib 59
45. Merchantable length (m) from 0.30 m stump height to 13.0 cm top dib 60
46. Merchantable length (m) from 0.30 m stump height to 15.0 cm top dib 61

Merchantable length tables for natural regions 1, 3, 4, 5, 6, 12, 13 62

47. Merchantable length (m) from 0.30 m stump height to 5.0 cm top dib 63
48. Merchantable length (m) from 0.30 m stump height to 7.0 cm top dib 64
49. Merchantable length (m) from 0.30 m stump height to 10.0 cm top dib 65
50. Merchantable length (m) from 0.30 m stump height to 11.0 cm top dib 66
51. Merchantable length (m) from 0.30 m stump height to 13.0 cm top dib 67
52. Merchantable length (m) from 0.30 m stump height to 15.0 cm top dib 68

Number of trees per cubic metre of merchantable volume tables
for natural regions 2, 15, 16 69

53. Trees/m^3 of merchantable volume at 0.30 m stump height and 5.0 cm top dib 70
54. Trees/m^3 of merchantable volume at 0.30 m stump height and 7.0 cm top dib 71
55. Trees/m^3 of merchantable volume at 0.30 m stump height and 10.0 cm top dib 72
56. Trees/m^3 of merchantable volume at 0.30 m stump height and 11.0 cm top dib 73
57. Trees/m^3 of merchantable volume at 0.30 m stump height and 13.0 cm top dib 74
58. Trees/m^3 of merchantable volume at 0.30 m stump height and 15.0 cm top dib 75

Number of trees per cubic metre of merchantable volume tables
for natural regions 9, 11, 14 76

59. Trees/m^3 of merchantable volume at 0.30 m stump height and 5.0 cm top dib 77
60. Trees/m^3 of merchantable volume at 0.30 m stump height and 7.0 cm top dib 78
61. Trees/m^3 of merchantable volume at 0.30 m stump height and 10.0 cm top dib 79
62. Trees/m^3 of merchantable volume at 0.30 m stump height and 11.0 cm top dib 80
63. Trees/m^3 of merchantable volume at 0.30 m stump height and 13.0 cm top dib 81
64. Trees/m^3 of merchantable volume at 0.30 m stump height and 15.0 cm top dib 82

Number of trees per cubic metre of merchantable volume tables
for natural regions 7, 8, 10 83

65. Trees/m^3 of merchantable volume at 0.30 m stump height and 5.0 cm top dib 84
66. Trees/m^3 of merchantable volume at 0.30 m stump height and 7.0 cm top dib 85
67. Trees/m^3 of merchantable volume at 0.30 m stump height and 10.0 cm top dib 86
68. Trees/m^3 of merchantable volume at 0.30 m stump height and 11.0 cm top dib 87
69. Trees/m^3 of merchantable volume at 0.30 m stump height and 13.0 cm top dib 88
70. Trees/m^3 of merchantable volume at 0.30 m stump height and 15.0 cm top dib 89

Number of trees per cubic metre of merchantable volume tables
for natural regions 1, 3, 4, 5, 6, 12, 13 90

71. Trees/m^3 of merchantable volume at 0.30 m stump height and 5.0 cm top dib 91
72. Trees/m^3 of merchantable volume at 0.30 m stump height and 7.0 cm top dib 92
73. Trees/m^3 of merchantable volume at 0.30 m stump height and 10.0 cm top dib 93
74. Trees/m^3 of merchantable volume at 0.30 m stump height and 11.0 cm top dib 94
75. Trees/m^3 of merchantable volume at 0.30 m stump height and 13.0 cm top dib 95
76. Trees/m^3 of merchantable volume at 0.30 m stump height and 15.0 cm top dib 96

1.0 INTRODUCTION

This report presents natural region based tables for predicting:

1). individual tree gross total volume (m^3),

2). gross merchantable volume (m^3) at designated utilization standards,

3). merchantable length (m) at designated utilization standards, and

4). number of trees per cubic metre of merchantable volume (trees/m^3)

for softwood groups in Alberta. Natural regions of Alberta are listed in Appendix 1 and their locations are shown in Figure 1. A brief description of how to use these tables is illustrated here. Detailed explanations of the procedures for fitting of the equations and constructions of the tables are described in Report #1 of this series: Individual Tree Volume Estimation Procedures for Alberta: Methods of Formulation and Statistical Foundations. All equations and coefficients used to generate the tables are presented in Report #3 of this series: Summary of Equations and Estimated Coefficients for Ecologically Based Individual Tree Volume Estimation in Alberta.

Compared to the previously used volume estimation methods adopted by Alberta Land and Forest Services, ecologically based individual tree volume estimation has several distinct features including the following:

1. A taper equation is used to predict individual tree gross total volume, gross merchantable volume, merchantable length, and number of trees per cubic metre of merchantable volume (trees/m^3). Taper equations have been shown to provide more accurate volume predictions for major Alberta tree species. More recently, the use of taper equations for individual tree volume estimation has become an increasingly popular trend.

2. The relationships between tree height and tree diameter, diameter outside bark and inside bark,

stump diameter and breast height diameter are used in an integrated manner. This approach greatly facilitates volume estimation.

3. Natural regions are used instead of the Volume Sampling Regions (VSRs). Predictive relationships and volume tables were built on recently classified natural regions to reflect a refinement over previously defined VSR boundaries, and to emphasize the ever-increasing importance of ecology-based forest management in Alberta.

4. A new layout form of the volume tables was developed to facilitate practical use.

All tables presented here were created using values corresponding to the midpoints of 2.0 cm diameter classes and 2.0 m height classes. Tables or matrices of user-defined ranges can be created using actual functions. Assistance with re-creating similar tables is available upon request.

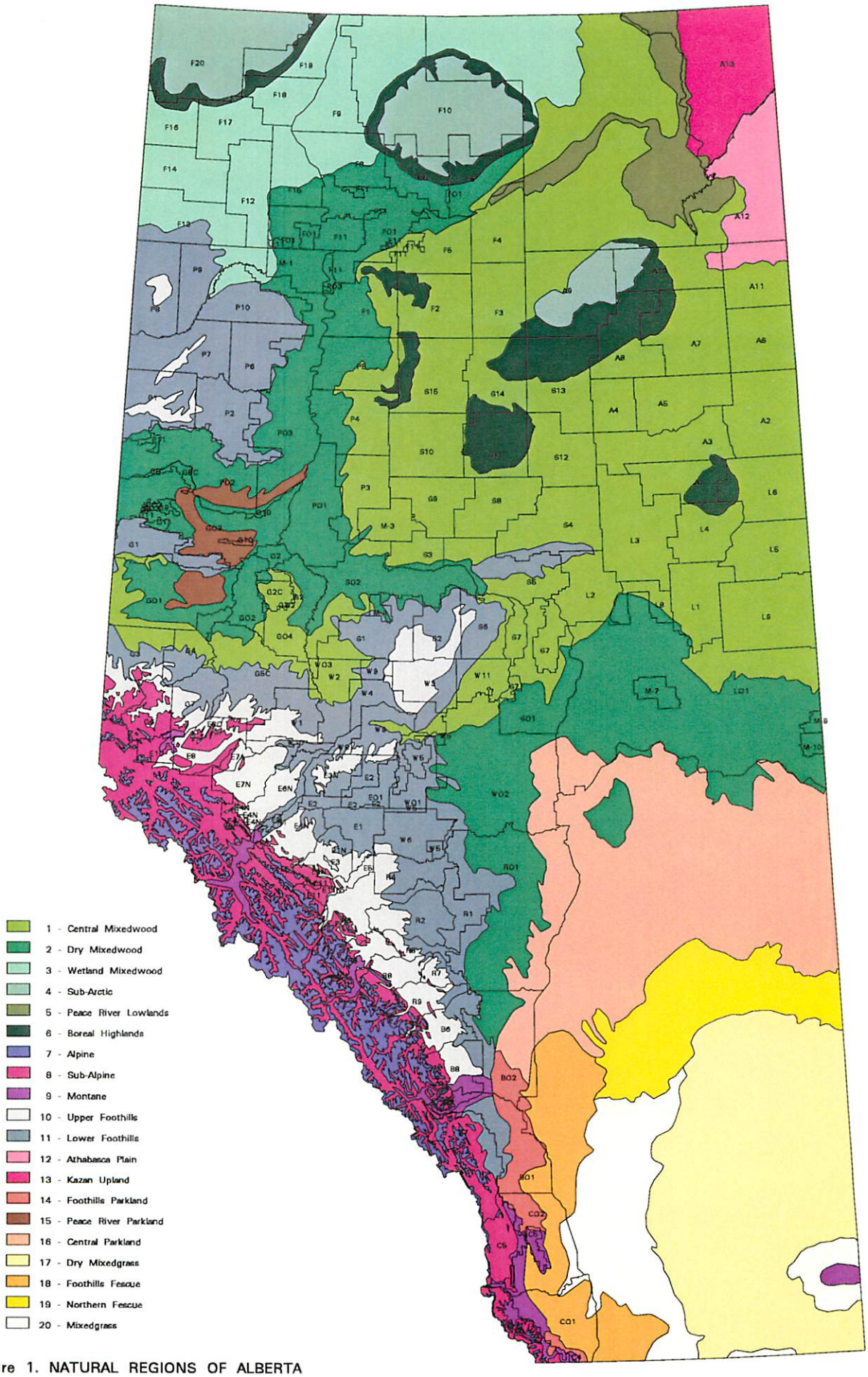

Figure 1. NATURAL REGIONS OF ALBERTA

Produced by Forest Resource Information Branch, Edmonton

Scale 1:5 000 000

2.0 USE OF THE TABLES

The format of each table represents an integrated use of the taper equation and the relationships between tree height and tree diameter, diameter outside bark and inside bark, stump diameter and breast height diameter. For example, in addition to its use as a standard volume table, the gross total volume table (Table 1) can also be used as a local volume table, a height-diameter prediction table, and a stump diameter and breast height diameter prediction table. Here are some of the most common uses of such a table (see Table 1):

1. Prediction of total tree height. From field measurement of tree diameter at breast height outside bark (DBHOB), total tree height (HT) can be predicted from the far right hand side column of the table. For example, if a tree has a DBHOB of 29.4 cm, predicted HT of the tree from Table 1 is 25.1 m.

2. Prediction of stump diameter outside bark (STUMP DOB). From field measurement of DBHOB, STUMP DOB can be predicted. For example, if a tree has a DBHOB of 29.4 cm, then the predicted STUMP DOB of the tree from Table 1 falls between 32.5 cm and 34.7 cm.

3. Prediction of tree diameter at breast height outside bark (DBHOB). From field measurement of STUMP DOB, DBHOB can be predicted. For example, if a tree has a STUMP DOB of 44.5 cm, predicted DBHOB of the tree from Table 1 falls between 39.1 cm and 41.0 cm.

4. Prediction of gross total volume from observed DBHOB and HT. Gross total volume (m^3) to 0.0 cm top diameter inside bark (d) and 0.00 m stump height can be read directly from Table 1, based on the field measurements of total tree height and diameter at breast height outside bark. For example, if a 29.4 cm (DBHOB) tree has a HT of 19.8 m, the gross total volume of the tree from

Table 1 is 0.5572 m^3.

5. Prediction of gross total volume from observed DBHOB and predicted HT. If the field measurement of tree height is not available, the far right-hand column of the table can be used to predict HT from field measurement of DBHOB. Based on the DBHOB and the predicted HT, gross total volume can be read from the table. For example, if a tree has a DBHOB of 29.4 cm, then the predicted HT of the tree will be 25.1 m. The gross total cubic metre volume of the tree from Table 1 is 0.7374 m^3, which is underlined for easy reading. In the absence of field measurement for tree heights, only the underlined values in the middle portion of the table, which represent the result of the average height-diameter relationship, are needed for estimating the gross total volumes (m^3) of the tree.

6. Prediction of gross total volume from observed stump diameter and HT. The second column from the left, in the standard table for gross total volume, represents stump diameter outside bark. If the field measurements of stump diameter and total tree height are available, gross total volume can be read from Table 1. For example, if a tree has a STUMP DOB of 23.2 cm and a HT of 15.0 m, the gross total volume of the tree from Table 1 is 0.1791 m^3.

7. Prediction of gross total volume from observed stump diameter and predicted HT. If the field measurement of stump diameter is all that is available, the far right-hand column of the table can be used to predict HT from STUMP DOB. Based on the STUMP DOB and the predicted HT, gross total volume (m^3) can be read from the table. For example, if a tree has a STUMP DOB of 23.2 cm, predicted HT of the tree from the far right-hand column of Table 1 is 19.4 m, and the gross total volume of the tree from Table 1 is 0.2621 m^3. Once again, in the absence of field measurements for tree height, only the underlined values in the middle portion of the table, which

represent the average height-diameter relationship, are needed for estimating the gross total volume.

Values in two corners of the tables indicate unlikely tree sizes. Tables for predicting merchantable volume, merchantable length, and trees/m^3 merchantable volume can be used in a similar manner.

8. Prediction of log volume. Tables for predicting merchantable volume and merchantable length can be used jointly to determine log volume. This can be achieved in two steps:

1). Decide the utilization standard. For example, a 15/11 utilization standard (minimum stump diameter outside bark = 15 cm, minimum top diameter inside bark = 11 cm) is used.

2). From stump diameter (or breast height diameter) and log length (in this case, log length is the merchantable length), use merchantable length tables to predict tree height. Having stump diameter and tree height, merchantable volume is predicted from the merchantable volume table at that utilization standard. Predicted merchantable volume is the log volume.

For example, if a log has a stump diameter of 35.0 cm and a length of 14.5 m, from the merchantable length table for 11.0 cm top dib (Table 32), a 35.0 stump diameter tree has a merchantable length of 14.60 m at height between 19.1 and 21.0. Hence, predicted total tree height from Table 32 is approximately between 19.1 and 21.0 m. From the stump diameter and predicted tree height, a merchantable volume of 0.5804 m^3 is read from the corresponding merchantable volume table (Table 8). Therefore this log has 0.5804 m^3 of volume at 15/11.

A separate manual on how to estimate log volume from taper equation is being prepared at this time. Interested readers may contact the Forest Resource Information Branch of Alberta Land and Forest Services for more details (Phone: 403 - 427 - 8401, Fax: 427 - 0084).

3.0 GROSS TOTAL VOLUME TABLES

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 1. Gross total volume (m^3) from 0.00 m stump height to 0.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
1.1- 3.0	2.2- 4.1	0.0004	0.0007	0.0009	0.0011	0.0013	0.0015	0.0017	0.0020	0.0022	0.0024	0.0026	0.0028	0.0031	0.0033	0.0035	0.0037	0.0039	0.0042	2.2
3.1- 5.0	4.2- 6.2	0.0022	0.0033	0.0045	0.0057	0.0068	0.0080	0.0092	0.0104	0.0116	0.0127	0.0139	0.0151	0.0163	0.0175	0.0186	0.0198	0.0210	0.0222	3.9
5.1- 7.0	6.3- 8.2	0.0047	0.0073	0.0100	0.0126	0.0153	0.0179	0.0206	0.0232	0.0259	0.0285	0.0312	0.0339	0.0365	0.0392	0.0419	0.0446	0.0472	0.0499	5.9
7.1- 9.0	8.3- 10.3	0.0081	0.0127	0.0173	0.0220	0.0267	0.0313	0.0360	0.0407	0.0454	0.0501	0.0548	0.0595	0.0642	0.0690	0.0737	0.0784	0.0831	0.0878	8.0
9.1-11.0	10.4- 12.4	0.0124	0.0194	0.0265	0.0337	0.0409	0.0482	0.0554	0.0627	0.0700	0.0773	0.0845	0.0918	0.0992	0.1065	0.1138	0.1211	0.1284	0.1357	10.2
11.1-13.0	12.6- 14.6	0.0175	0.0274	0.0375	0.0477	0.0580	0.0683	0.0786	0.0890	0.0994	0.1098	0.1202	0.1306	0.1410	0.1515	0.1619	0.1724	0.1828	0.1933	12.3
13.1-15.0	14.7- 16.7	0.0234	0.0366	0.0501	0.0638	0.0776	0.0915	0.1055	0.1194	0.1334	0.1475	0.1615	0.1756	0.1897	0.2038	0.2179	0.2320	0.2461	0.2603	14.3
15.1-17.0	16.8- 18.9	0.0301	0.0471	0.0644	0.0821	0.0999	0.1178	0.1358	0.1539	0.1720	0.1902	0.2084	0.2266	0.2448	0.2631	0.2814	0.2997	0.3180	0.3363	16.1
17.1-19.0	19.0- 21.1	0.0377	0.0587	0.0803	0.1023	0.1246	0.1470	0.1696	0.1922	0.2150	0.2377	0.2606	0.2834	0.3063	0.3293	0.3522	0.3752	0.3982	0.4212	17.8
19.1-21.0	21.2- 23.3	0.0462	0.0716	0.0978	0.1246	0.1517	0.1791	0.2067	0.2344	0.2621	0.2900	0.3179	0.3459	0.3740	0.4020	0.4301	0.4583	0.4864	0.5146	19.4
21.1-23.0	23.4- 25.6	0.0556	0.0857	0.1169	0.1488	0.1812	0.2140	0.2469	0.2801	0.3134	0.3468	0.3803	0.4139	0.4475	0.4812	0.5149	0.5487	0.5825	0.6163	20.8
23.1-25.0	25.7- 27.8	0.0660	0.1011	0.1376	0.1750	0.2130	0.2515	0.2903	0.3294	0.3687	0.4080	0.4476	0.4872	0.5269	0.5666	0.6064	0.6463	0.6862	0.7262	22.1
25.1-27.0	28.0- 30.1	0.0775	0.1178	0.1598	0.2030	0.2471	0.2917	0.3368	0.3821	0.4278	0.4736	0.5195	0.5656	0.6118	0.6581	0.7044	0.7508	0.7973	0.8439	23.2
27.1-29.0	30.2- 32.4	0.0900	0.1358	0.1836	0.2330	0.2834	0.3345	0.3862	0.4383	0.4906	0.5433	0.5961	0.6491	0.7022	0.7554	0.8087	0.8621	0.9156	0.9692	24.2
29.1-31.0	32.5- 34.7	0.1038	0.1553	0.2091	0.2648	0.3219	0.3799	0.4385	0.4976	0.5572	0.6170	0.6771	0.7374	0.7978	0.8584	0.9191	0.9800	1.0409	1.1019	25.1
31.1-33.0	34.9- 37.1	0.1188	0.1761	0.2362	0.2986	0.3626	0.4277	0.4937	0.5602	0.6273	0.6947	0.7625	0.8305	0.8986	0.9670	1.0355	1.1042	1.1729	1.2418	26.0
33.1-35.0	37.2- 39.5	0.1351	0.1984	0.2649	0.3342	0.4054	0.4780	0.5516	0.6260	0.7009	0.7763	0.8521	0.9281	1.0045	1.0810	1.1577	1.2346	1.3116	1.3887	26.7
35.1-37.0	39.6- 41.8	0.1529	0.2223	0.2954	0.3718	0.4505	0.5308	0.6124	0.6948	0.7780	0.8617	0.9458	1.0303	1.1152	1.2002	1.2855	1.3710	1.4567	1.5425	27.3
37.1-39.0	42.0- 44.2	0.1722	0.2477	0.3276	0.4113	0.4977	0.5860	0.6758	0.7667	0.8584	0.9507	1.0436	1.1369	1.2306	1.3246	1.4189	1.5133	1.6080	1.7029	27.9
39.1-41.0	44.4- 46.7	0.1932	0.2749	0.3616	0.4527	0.5470	0.6437	0.7420	0.8415	0.9421	1.0434	1.1453	1.2478	1.3507	1.4540	1.5575	1.6614	1.7655	1.8697	28.4
41.1-43.0	46.8- 49.1	0.2158	0.3038	0.3974	0.4961	0.5986	0.7037	0.8108	0.9193	1.0290	1.1396	1.2509	1.3629	1.4753	1.5882	1.7014	1.8150	1.9288	2.0429	28.8
43.1-45.0	49.2- 51.6	0.2404	0.3346	0.4351	0.5416	0.6523	0.7661	0.8822	1.0000	1.1191	1.2393	1.3603	1.4820	1.6044	1.7272	1.8504	1.9740	2.0979	2.2221	29.2
45.1-47.0	51.7- 54.1	0.2669	0.3673	0.4748	0.5890	0.7082	0.8309	0.9563	1.0835	1.2123	1.3424	1.4734	1.6052	1.7377	1.8708	2.0044	2.1383	2.2727	2.4074	29.6
47.1-49.0	54.2- 56.6	0.2956	0.4020	0.5164	0.6386	0.7664	0.8982	1.0329	1.1699	1.3087	1.4488	1.5901	1.7323	1.8753	2.0189	2.1631	2.3078	2.4529	2.5984	29.9
49.1-51.0	56.7- 59.1	0.3265	0.4389	0.5602	0.6903	0.8267	0.9678	1.1121	1.2591	1.4080	1.5586	1.7104	1.8632	2.0170	2.1715	2.3266	2.4823	2.6385	2.7951	30.1
51.1-53.0	59.2- 61.7	0.3598	0.4779	0.6061	0.7441	0.8894	1.0398	1.1940	1.3511	1.5104	1.6715	1.8341	1.9979	2.1627	2.3284	2.4948	2.6618	2.8293	2.9973	30.4
53.1-55.0	61.8- 64.2	0.3957	0.5193	0.6542	0.8002	0.9543	1.1142	1.2784	1.4458	1.6158	1.7877	1.9614	2.1363	2.3125	2.4895	2.6674	2.8460	3.0252	3.2049	30.6
55.1-57.0	64.4- 66.8	0.4344	0.5631	0.7045	0.8585	1.0216	1.1911	1.3653	1.5433	1.7240	1.9071	2.0920	2.2784	2.4660	2.6548	2.8444	3.0349	3.2260	3.4178	30.8
57.1-59.0	67.0- 69.4	0.4760	0.6096	0.7573	0.9192	1.0912	1.2703	1.4549	1.6435	1.8352	2.0295	2.2259	2.4240	2.6234	2.8241	3.0258	3.2284	3.4317	3.6358	30.9
59.1-61.0	69.6- 72.1	0.5207	0.6586	0.8125	0.9822	1.1631	1.3521	1.5470	1.7464	1.9493	2.1551	2.3631	2.5731	2.7846	2.9974	3.2114	3.4263	3.6422	3.8587	31.1
61.1-63.0	72.2- 74.7	0.5688	0.7106	0.8703	1.0477	1.2376	1.4363	1.6417	1.8521	2.0663	2.2837	2.5036	2.7256	2.9493	3.1746	3.4011	3.6287	3.8572	4.0866	31.2
63.1-65.0	74.9- 77.4	0.6204	0.7654	0.9307	1.1156	1.3144	1.5231	1.7390	1.9604	2.1861	2.4153	2.6473	2.8815	3.1177	3.3556	3.5948	3.8353	4.0768	4.3192	31.3
65.1-67.0	77.5- 80.1	0.6758	0.8234	0.9938	1.1862	1.3938	1.6124	1.8389	2.0715	2.3088	2.5499	2.7941	3.0408	3.2897	3.5403	3.7925	4.0461	4.3007	4.5565	31.4
67.1-69.0	80.2- 82.8	0.7352	0.8847	1.0598	1.2593	1.4758	1.7042	1.9414	2.1852	2.4343	2.6875	2.9440	3.2034	3.4651	3.7287	3.9941	4.2609	4.5290	4.7983	31.5
69.1-71.0	82.9- 85.5	0.7989	0.9494	1.1287	1.3352	1.5604	1.7987	2.0466	2.3017	2.5626	2.8280	3.0971	3.3692	3.6439	3.9208	4.1995	4.4798	4.7616	5.0445	31.5
71.1-73.0	85.7- 88.3	0.8671	1.0176	1.2007	1.4139	1.6476	1.8957	2.1543	2.4209	2.6937	2.9714	3.2532	3.5383	3.8261	4.1164	4.4086	4.7027	4.9982	5.2951	31.6
73.1-75.0	88.4- 91.1	0.9403	1.0896	1.2758	1.4954	1.7376	1.9955	2.2648	2.5428	2.8276	3.1178	3.4123	3.7105	4.0117	4.3155	4.6215	4.9293	5.2389	5.5499	31.7
75.1-77.0	91.2- 93.9	1.0185	1.1656	1.3542	1.5798	1.8303	2.0979	2.3780	2.6675	2.9643	3.2670	3.5745	3.8858	4.2005	4.5180	4.8379	5.1598	5.4835	5.8089	31.7
77.1-79.0	94.0- 96.7	1.1023	1.2457	1.4360	1.6673	1.9258	2.2030	2.4938	2.7949	3.1038	3.4191	3.7396	4.0643	4.3926	4.7239	5.0578	5.3940	5.7321	6.0719	31.8
79.1-81.0	96.8- 99.5	1.1919	1.3302	1.5213	1.7579	2.0242	2.3110	2.6124	2.9250	3.2461	3.5741	3.9076	4.2458	4.5878	4.9331	5.2812	5.6318	5.9844	6.3389	31.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 2. Gross total volume (m^3) from 0.00 m stump height to 0.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
1.1- 3.0	1.7- 3.7	0.0004	0.0006	0.0009	0.0011	0.0014	0.0017	0.0019	0.0022	0.0024	0.0027	0.0029	0.0032	0.0035	0.0037	0.0040	0.0042	0.0045	0.0047	2.6
3.1- 5.0	3.8- 5.8	0.0023	0.0035	0.0048	0.0061	0.0074	0.0086	0.0099	0.0112	0.0125	0.0138	0.0151	0.0163	0.0176	0.0189	0.0202	0.0215	0.0228	0.0241	4.4
5.1- 7.0	5.9- 7.9	0.0050	0.0078	0.0107	0.0135	0.0164	0.0193	0.0222	0.0251	0.0280	0.0309	0.0338	0.0367	0.0396	0.0425	0.0454	0.0483	0.0512	0.0541	6.3
7.1- 9.0	8.0- 10.1	0.0086	0.0135	0.0185	0.0235	0.0286	0.0337	0.0388	0.0439	0.0490	0.0541	0.0593	0.0644	0.0695	0.0747	0.0798	0.0850	0.0901	0.0953	8.2
9.1-11.0	10.2- 12.2	0.0130	0.0205	0.0282	0.0360	0.0438	0.0517	0.0596	0.0675	0.0754	0.0834	0.0913	0.0993	0.1073	0.1152	0.1232	0.1312	0.1392	0.1472	10.1
11.1-13.0	12.4- 14.4	0.0182	0.0288	0.0397	0.0507	0.0619	0.0731	0.0843	0.0956	0.1070	0.1183	0.1297	0.1410	0.1524	0.1638	0.1752	0.1866	0.1981	0.2095	11.8
13.1-15.0	14.5- 16.6	0.0244	0.0384	0.0529	0.0677	0.0827	0.0978	0.1129	0.1281	0.1434	0.1587	0.1740	0.1894	0.2047	0.2201	0.2355	0.2509	0.2664	0.2818	13.5
15.1-17.0	16.8- 18.9	0.0314	0.0493	0.0679	0.0869	0.1061	0.1255	0.1451	0.1648	0.1845	0.2043	0.2241	0.2440	0.2639	0.2838	0.3038	0.3238	0.3438	0.3638	15.1
17.1-19.0	19.0- 21.1	0.0393	0.0614	0.0844	0.1081	0.1321	0.1563	0.1808	0.2054	0.2301	0.2549	0.2798	0.3047	0.3297	0.3547	0.3797	0.4048	0.4299	0.4550	16.6
19.1-21.0	21.2- 23.4	0.0482	0.0748	0.1026	0.1313	0.1605	0.1900	0.2199	0.2499	0.2801	0.3104	0.3408	0.3713	0.4018	0.4324	0.4631	0.4938	0.5245	0.5553	18.0
21.1-23.0	23.5- 25.6	0.0582	0.0896	0.1225	0.1565	0.1912	0.2265	0.2622	0.2981	0.3342	0.3705	0.4069	0.4435	0.4801	0.5168	0.5535	0.5904	0.6272	0.6641	19.3
23.1-25.0	25.8- 27.9	0.0693	0.1056	0.1439	0.1837	0.2244	0.2657	0.3076	0.3498	0.3924	0.4351	0.4780	0.5211	0.5642	0.6075	0.6509	0.6943	0.7378	0.7814	20.5
25.1-27.0	28.0- 30.2	0.0816	0.1231	0.1670	0.2128	0.2598	0.3076	0.3561	0.4051	0.4544	0.5040	0.5539	0.6039	0.6541	0.7044	0.7548	0.8053	0.8560	0.9066	21.6
27.1-29.0	30.4- 32.6	0.0951	0.1420	0.1918	0.2438	0.2974	0.3521	0.4076	0.4637	0.5202	0.5771	0.6343	0.6918	0.7494	0.8072	0.8652	0.9232	0.9814	1.0397	22.6
29.1-31.0	32.7- 34.9	0.1101	0.1625	0.2183	0.2768	0.3373	0.3991	0.4619	0.5255	0.5897	0.6543	0.7192	0.7845	0.8500	0.9157	0.9817	1.0477	1.1139	1.1802	23.6
31.1-33.0	35.0- 37.3	0.1266	0.1846	0.2465	0.3118	0.3794	0.4487	0.5192	0.5906	0.6627	0.7353	0.8085	0.8820	0.9558	1.0298	1.1041	1.1786	1.2533	1.3280	24.4
33.1-35.0	37.4- 39.6	0.1447	0.2083	0.2766	0.3488	0.4237	0.5007	0.5792	0.6587	0.7391	0.8202	0.9019	0.9840	1.0665	1.1493	1.2323	1.3157	1.3992	1.4828	25.2
35.1-37.0	39.8- 42.0	0.1646	0.2338	0.3085	0.3877	0.4703	0.5552	0.6419	0.7299	0.8190	0.9088	0.9994	1.0904	1.1820	1.2739	1.3661	1.4587	1.5514	1.6444	26.0
37.1-39.0	42.2- 44.4	0.1863	0.2612	0.3423	0.4287	0.5190	0.6121	0.7073	0.8041	0.9021	1.0010	1.1008	1.2012	1.3021	1.4035	1.5053	1.6074	1.7098	1.8125	26.6
39.1-41.0	44.6- 46.9	0.2101	0.2906	0.3781	0.4718	0.5700	0.6715	0.7755	0.8812	0.9884	1.0968	1.2061	1.3161	1.4268	1.5380	1.6497	1.7618	1.8742	1.9869	27.2
41.1-43.0	47.0- 49.3	0.2362	0.3221	0.4159	0.5170	0.6233	0.7333	0.8462	0.9612	1.0779	1.1960	1.3151	1.4351	1.5558	1.6772	1.7991	1.9215	2.0443	2.1675	27.8
43.1-45.0	49.4- 51.8	0.2646	0.3557	0.4559	0.5643	0.6788	0.7976	0.9196	1.0441	1.1706	1.2985	1.4278	1.5580	1.6891	1.8210	1.9535	2.0865	2.2200	2.3539	28.3
45.1-47.0	51.9- 54.3	0.2955	0.3917	0.4981	0.6139	0.7366	0.8643	0.9956	1.1298	1.2662	1.4044	1.5440	1.6848	1.8266	1.9692	2.1126	2.2565	2.4011	2.5460	28.8
47.1-49.0	54.4- 56.8	0.3293	0.4301	0.5425	0.6658	0.7968	0.9334	1.0743	1.2183	1.3649	1.5135	1.6637	1.8153	1.9680	2.1217	2.2763	2.4315	2.5873	2.7437	29.2
49.1-51.0	56.9- 59.3	0.3660	0.4712	0.5894	0.7200	0.8593	1.0050	1.1555	1.3096	1.4665	1.6257	1.7869	1.9495	2.1134	2.2785	2.4444	2.6112	2.7787	2.9468	29.6
51.1-53.0	59.4- 61.8	0.4060	0.5150	0.6388	0.7766	0.9243	1.0791	1.2393	1.4036	1.5711	1.7412	1.9133	2.0873	2.2626	2.4393	2.6169	2.7955	2.9749	3.1550	30.0
53.1-55.0	61.9- 64.3	0.4494	0.5617	0.6908	0.8357	0.9917	1.1557	1.3257	1.5003	1.6785	1.8596	2.0431	2.2285	2.4156	2.6040	2.7937	2.9844	3.1759	3.3683	30.3
55.1-57.0	64.5- 66.9	0.4966	0.6115	0.7455	0.8973	1.0616	1.2348	1.4148	1.5998	1.7889	1.9812	2.1761	2.3732	2.5722	2.7727	2.9745	3.1775	3.3815	3.5864	30.6
57.1-59.0	67.0- 69.5	0.5478	0.6645	0.8031	0.9616	1.1341	1.3165	1.5064	1.7020	1.9020	2.1057	2.3122	2.5213	2.7323	2.9451	3.1594	3.3749	3.5916	3.8093	30.9
59.1-61.0	69.6- 72.1	0.6033	0.7210	0.8636	1.0286	1.2092	1.4008	1.6007	1.8069	2.0181	2.2332	2.4515	2.6726	2.8959	3.1212	3.3481	3.5765	3.8061	4.0368	31.1
61.1-63.0	72.2- 74.7	0.6634	0.7811	0.9272	1.0984	1.2869	1.4878	1.6977	1.9146	2.1369	2.3636	2.5939	2.8272	3.0630	3.3009	3.5407	3.7820	4.0247	4.2687	31.4
63.1-65.0	74.8- 77.3	0.7286	0.8451	0.9940	1.1711	1.3675	1.5774	1.7973	2.0249	2.2585	2.4969	2.7393	2.9849	3.2334	3.4841	3.7369	3.9914	4.2475	4.5049	31.6
65.1-67.0	77.5- 80.0	0.7991	0.9132	1.0641	1.2468	1.4508	1.6697	1.8997	2.1380	2.3829	2.6331	2.8877	3.1458	3.4070	3.6708	3.9368	4.2046	4.4742	4.7453	31.8
67.1-69.0	80.1- 82.6	0.8754	0.9855	1.1378	1.3255	1.5370	1.7648	2.0047	2.2538	2.5101	2.7722	3.0391	3.3098	3.5839	3.8608	4.1401	4.4216	4.7048	4.9897	31.9
69.1-71.0	82.8- 85.3	0.9578	1.0624	1.2151	1.4075	1.6261	1.8627	2.1126	2.3724	2.6401	2.9142	3.1934	3.4768	3.7640	4.0541	4.3470	4.6421	4.9392	5.2381	32.1
71.1-73.0	85.4- 88.0	1.0469	1.1440	1.2962	1.4928	1.7182	1.9635	2.2232	2.4938	2.7729	3.0589	3.3506	3.6469	3.9471	4.2507	4.5572	4.8661	5.1773	5.4904	32.3
73.1-75.0	88.1- 90.7	1.1432	1.2308	1.3813	1.5815	1.8135	2.0672	2.3366	2.6179	2.9085	3.2065	3.5107	3.8199	4.1333	4.4504	4.7707	5.0936	5.4190	5.7464	32.4
75.1-77.0	90.9- 93.5	1.2470	1.3228	1.4706	1.6737	1.9119	2.1738	2.4529	2.7448	3.0469	3.3569	3.6736	3.9958	4.3226	4.6533	4.9874	5.3245	5.6641	6.0060	32.5
77.1-79.0	93.6- 96.2	1.3591	1.4206	1.5642	1.7695	2.0136	2.2835	2.5721	2.8746	3.1880	3.5102	3.8394	4.1746	4.5148	4.8592	5.2073	5.5586	5.9126	6.2691	32.6
79.1-81.0	96.3- 99.0	1.4799	1.5242	1.6623	1.8692	2.1186	2.3963	2.6942	3.0072	3.3320	3.6662	4.0080	4.3563	4.7099	5.0681	5.4303	5.7959	6.1645	6.5357	32.7

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 3. Gross total volume (m^3) from 0.00 m stump height to 0.0 cm top dib .

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
1.1- 3.0	0.5- 2.7	0.0004	0.0006	0.0009	0.0011	0.0013	0.0015	0.0018	0.0020	0.0022	0.0025	0.0027	0.0029	0.0032	0.0034	0.0036	0.0039	0.0041	0.0043	2.9
3.1- 5.0	2.8- 4.9	0.0023	0.0035	0.0047	0.0059	0.0072	0.0084	0.0096	0.0108	0.0121	0.0133	0.0145	0.0158	0.0170	0.0183	0.0195	0.0207	0.0220	0.0232	4.7
5.1- 7.0	5.1- 7.2	0.0050	0.0078	0.0106	0.0134	0.0162	0.0190	0.0219	0.0247	0.0275	0.0303	0.0332	0.0360	0.0388	0.0417	0.0445	0.0473	0.0502	0.0530	6.5
7.1- 9.0	7.3- 9.5	0.0087	0.0137	0.0186	0.0236	0.0286	0.0336	0.0387	0.0437	0.0487	0.0538	0.0588	0.0639	0.0689	0.0740	0.0791	0.0841	0.0892	0.0943	8.2
9.1-11.0	9.6- 11.8	0.0134	0.0210	0.0287	0.0364	0.0442	0.0521	0.0599	0.0677	0.0756	0.0835	0.0913	0.0992	0.1071	0.1150	0.1229	0.1308	0.1387	0.1466	9.9
11.1-13.0	11.9- 14.0	0.0189	0.0297	0.0407	0.0517	0.0629	0.0741	0.0853	0.0965	0.1078	0.1191	0.1304	0.1417	0.1530	0.1643	0.1756	0.1870	0.1983	0.2097	11.4
13.1-15.0	14.2- 16.3	0.0252	0.0397	0.0545	0.0694	0.0844	0.0995	0.1147	0.1299	0.1451	0.1604	0.1757	0.1909	0.2063	0.2216	0.2369	0.2522	0.2676	0.2830	12.9
15.1-17.0	16.4- 18.6	0.0324	0.0510	0.0700	0.0893	0.1087	0.1283	0.1479	0.1676	0.1873	0.2071	0.2269	0.2467	0.2666	0.2865	0.3064	0.3263	0.3462	0.3661	14.2
17.1-19.0	18.7- 20.9	0.0404	0.0635	0.0872	0.1113	0.1356	0.1601	0.1847	0.2094	0.2342	0.2590	0.2839	0.3088	0.3337	0.3586	0.3836	0.4086	0.4337	0.4587	15.5
19.1-21.0	21.0- 23.2	0.0492	0.0772	0.1060	0.1353	0.1650	0.1949	0.2249	0.2551	0.2854	0.3158	0.3462	0.3767	0.4072	0.4378	0.4684	0.4990	0.5296	0.5603	16.7
21.1-23.0	23.3- 25.5	0.0588	0.0920	0.1263	0.1613	0.1967	0.2325	0.2684	0.3046	0.3409	0.3773	0.4137	0.4503	0.4869	0.5235	0.5602	0.5969	0.6337	0.6705	17.7
23.1-25.0	25.6- 27.8	0.0694	0.1080	0.1481	0.1891	0.2307	0.2727	0.3150	0.3576	0.4003	0.4432	0.4861	0.5292	0.5723	0.6155	0.6588	0.7021	0.7455	0.7889	18.7
25.1-27.0	28.0- 30.2	0.0808	0.1252	0.1714	0.2187	0.2668	0.3155	0.3646	0.4140	0.4636	0.5133	0.5632	0.6132	0.6634	0.7136	0.7638	0.8142	0.8646	0.9151	19.6
27.1-29.0	30.3- 32.5	0.0931	0.1435	0.1960	0.2500	0.3051	0.3608	0.4170	0.4735	0.5304	0.5875	0.6447	0.7021	0.7597	0.8173	0.8750	0.9328	0.9907	1.0487	20.5
29.1-31.0	32.6- 34.8	0.1063	0.1630	0.2221	0.2831	0.3453	0.4083	0.4720	0.5361	0.6006	0.6654	0.7304	0.7956	0.8609	0.9264	0.9920	1.0577	1.1235	1.1893	21.3
31.1-33.0	34.9- 37.1	0.1206	0.1836	0.2495	0.3177	0.3874	0.4581	0.5296	0.6017	0.6741	0.7470	0.8201	0.8934	0.9670	1.0407	1.1145	1.1885	1.2625	1.3367	22.0
33.1-35.0	37.2- 39.5	0.1358	0.2054	0.2783	0.3539	0.4313	0.5100	0.5896	0.6699	0.7507	0.8320	0.9136	0.9954	1.0775	1.1598	1.2422	1.3248	1.4076	1.4904	22.6
35.1-37.0	39.6- 41.8	0.1522	0.2283	0.3084	0.3917	0.4771	0.5640	0.6520	0.7408	0.8303	0.9202	1.0106	1.1013	1.1923	1.2835	1.3749	1.4665	1.5583	1.6502	23.2
37.1-39.0	41.9- 44.2	0.1696	0.2525	0.3399	0.4309	0.5245	0.6199	0.7166	0.8142	0.9126	1.0116	1.1110	1.2109	1.3111	1.4116	1.5123	1.6132	1.7143	1.8156	23.8
39.1-41.0	44.3- 46.5	0.1882	0.2779	0.3727	0.4717	0.5736	0.6777	0.7832	0.8900	0.9975	1.1058	1.2147	1.3240	1.4337	1.5438	1.6541	1.7647	1.8754	1.9864	24.3
41.1-43.0	46.6- 48.9	0.2081	0.3045	0.4068	0.5139	0.6244	0.7373	0.8520	0.9680	1.0850	1.2029	1.3214	1.4404	1.5600	1.6798	1.8001	1.9206	2.0413	2.1623	24.7
43.1-45.0	49.0- 51.2	0.2292	0.3325	0.4422	0.5575	0.6767	0.7987	0.9226	1.0482	1.1749	1.3025	1.4310	1.5600	1.6896	1.8196	1.9500	2.0807	2.2117	2.3430	25.2
45.1-47.0	51.3- 53.6	0.2516	0.3617	0.4790	0.6026	0.7306	0.8617	0.9952	1.1304	1.2670	1.4047	1.5432	1.6825	1.8224	1.9628	2.1036	2.2448	2.3864	2.5282	25.6
47.1-49.0	53.7- 55.9	0.2754	0.3923	0.5172	0.6490	0.7859	0.9264	1.0695	1.2146	1.3613	1.5092	1.6581	1.8078	1.9582	2.1092	2.2607	2.4127	2.5650	2.7176	25.9
49.1-51.0	56.1- 58.3	0.3007	0.4243	0.5567	0.6969	0.8427	0.9926	1.1455	1.3007	1.4576	1.6159	1.7754	1.9357	2.0969	2.2587	2.4211	2.5840	2.7473	2.9110	26.2
51.1-53.0	58.4- 60.7	0.3276	0.4577	0.5975	0.7461	0.9010	1.0604	1.2232	1.3885	1.5559	1.7248	1.8949	2.0661	2.2383	2.4111	2.5846	2.7586	2.9332	3.1081	26.5
53.1-55.0	60.8- 63.1	0.3560	0.4926	0.6398	0.7967	0.9607	1.1297	1.3025	1.4781	1.6560	1.8356	2.0166	2.1989	2.3821	2.5662	2.7509	2.9363	3.1223	3.3087	26.8
55.1-57.0	63.2- 65.5	0.3862	0.5290	0.6834	0.8487	1.0217	1.2004	1.3833	1.5693	1.7578	1.9483	2.1404	2.3338	2.5283	2.7237	2.9200	3.1169	3.3144	3.5125	27.1
57.1-59.0	65.6- 67.9	0.4181	0.5670	0.7285	0.9020	1.0842	1.2726	1.4656	1.6621	1.8613	2.0628	2.2660	2.4707	2.6767	2.8836	3.0915	3.3001	3.5094	3.7193	27.3
59.1-61.0	68.0- 70.2	0.4518	0.6065	0.7750	0.9568	1.1480	1.3461	1.5493	1.7563	1.9664	2.1790	2.3935	2.6096	2.8271	3.0457	3.2654	3.4858	3.7071	3.9289	27.5
61.1-63.0	70.4- 72.6	0.4875	0.6477	0.8230	1.0128	1.2131	1.4209	1.6343	1.8520	2.0731	2.2968	2.5226	2.7503	2.9794	3.2099	3.4414	3.6739	3.9071	4.1411	27.7
63.1-65.0	72.8- 75.1	0.5253	0.6906	0.8725	1.0703	1.2796	1.4971	1.7207	1.9491	2.1811	2.4160	2.6533	2.8926	3.1336	3.3759	3.6194	3.8640	4.1095	4.3557	27.9
65.1-67.0	75.2- 77.5	0.5651	0.7353	0.9235	1.1292	1.3474	1.5745	1.8084	2.0474	2.2905	2.5367	2.7855	3.0365	3.2893	3.5437	3.7993	4.0561	4.3139	4.5725	28.0
67.1-69.0	77.6- 79.9	0.6072	0.7818	0.9761	1.1894	1.4164	1.6533	1.8974	2.1471	2.4011	2.6587	2.9191	3.1819	3.4466	3.7130	3.9809	4.2500	4.5201	4.7913	28.2
69.1-71.0	80.0- 82.3	0.6517	0.8301	1.0302	1.2511	1.4868	1.7332	1.9875	2.2479	2.5130	2.7820	3.0540	3.3286	3.6053	3.8839	4.1640	4.4455	4.7282	5.0118	28.3
71.1-73.0	82.4- 84.7	0.6985	0.8804	1.0859	1.3141	1.5585	1.8144	2.0788	2.3499	2.6261	2.9064	3.1901	3.4766	3.7654	4.0561	4.3486	4.6425	4.9377	5.2341	28.4
73.1-75.0	84.8- 87.1	0.7480	0.9327	1.1433	1.3786	1.6314	1.8967	2.1713	2.4530	2.7403	3.0320	3.3273	3.6257	3.9266	4.2296	4.5344	4.8409	5.1487	5.4578	28.5
75.1-77.0	87.3- 89.6	0.8001	0.9871	1.2024	1.4445	1.7056	1.9803	2.2649	2.5572	2.8555	3.1586	3.4656	3.7759	4.0888	4.4042	4.7214	5.0405	5.3610	5.6828	28.6
77.1-79.0	89.7- 92.0	0.8550	1.0436	1.2631	1.5119	1.7811	2.0650	2.3596	2.6624	2.9717	3.2861	3.6048	3.9270	4.2521	4.5797	4.9095	5.2411	5.5743	5.9090	28.7
79.1-81.0	92.1- 94.5	0.9129	1.1022	1.3256	1.5807	1.8579	2.1508	2.4553	2.7686	3.0888	3.4146	3.7450	4.0791	4.4163	4.7563	5.0985	5.4427	5.7887	6.1361	28.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 4. Gross total volume (m^3) from 0.00 m stump height to 0.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
1.1- 3.0	1.0- 3.1	0.0005	0.0007	0.0009	0.0012	0.0014	0.0017	0.0019	0.0021	0.0024	0.0026	0.0029	0.0031	0.0033	0.0036	0.0038	0.0041	0.0043	0.0045	2.8
3.1- 5.0	3.2- 5.4	0.0023	0.0035	0.0047	0.0059	0.0071	0.0083	0.0095	0.0107	0.0119	0.0131	0.0143	0.0155	0.0167	0.0179	0.0191	0.0203	0.0216	0.0228	4.7
5.1- 7.0	5.5- 7.6	0.0050	0.0076	0.0103	0.0129	0.0156	0.0183	0.0209	0.0236	0.0263	0.0290	0.0316	0.0343	0.0370	0.0397	0.0424	0.0450	0.0477	0.0504	6.5
7.1- 9.0	7.7- 9.9	0.0086	0.0132	0.0179	0.0225	0.0272	0.0318	0.0365	0.0411	0.0458	0.0505	0.0552	0.0599	0.0645	0.0692	0.0739	0.0786	0.0833	0.0880	8.4
9.1-11.0	10.0- 12.1	0.0131	0.0202	0.0273	0.0345	0.0416	0.0488	0.0560	0.0631	0.0703	0.0775	0.0847	0.0919	0.0991	0.1064	0.1136	0.1208	0.1280	0.1353	10.2
11.1-13.0	12.2- 14.4	0.0184	0.0285	0.0386	0.0487	0.0589	0.0691	0.0793	0.0895	0.0997	0.1099	0.1202	0.1304	0.1406	0.1509	0.1611	0.1714	0.1817	0.1919	11.9
13.1-15.0	14.5- 16.6	0.0245	0.0380	0.0516	0.0652	0.0789	0.0926	0.1063	0.1200	0.1338	0.1475	0.1613	0.1750	0.1888	0.2026	0.2164	0.2302	0.2440	0.2578	13.5
15.1-17.0	16.8- 18.9	0.0314	0.0488	0.0663	0.0839	0.1016	0.1192	0.1369	0.1546	0.1724	0.1901	0.2079	0.2257	0.2435	0.2613	0.2791	0.2970	0.3148	0.3326	15.0
17.1-19.0	19.0- 21.2	0.0391	0.0608	0.0827	0.1047	0.1268	0.1489	0.1711	0.1932	0.2155	0.2377	0.2600	0.2822	0.3045	0.3269	0.3492	0.3715	0.3939	0.4162	16.4
19.1-21.0	21.3- 23.4	0.0475	0.0740	0.1007	0.1275	0.1545	0.1815	0.2086	0.2357	0.2629	0.2901	0.3173	0.3445	0.3718	0.3991	0.4264	0.4537	0.4810	0.5084	17.7
21.1-23.0	23.6- 25.7	0.0566	0.0883	0.1202	0.1524	0.1846	0.2170	0.2495	0.2820	0.3145	0.3471	0.3798	0.4124	0.4451	0.4778	0.5106	0.5433	0.5761	0.6089	18.9
23.1-25.0	25.8- 28.0	0.0665	0.1037	0.1413	0.1791	0.2172	0.2554	0.2936	0.3320	0.3704	0.4088	0.4473	0.4858	0.5244	0.5630	0.6016	0.6402	0.6789	0.7176	20.1
25.1-27.0	28.1- 30.3	0.0771	0.1202	0.1638	0.2078	0.2520	0.2964	0.3409	0.3855	0.4302	0.4749	0.5197	0.5646	0.6094	0.6544	0.6993	0.7443	0.7893	0.8343	21.1
27.1-29.0	30.4- 32.6	0.0884	0.1378	0.1879	0.2384	0.2892	0.3402	0.3914	0.4426	0.4940	0.5455	0.5970	0.6486	0.7002	0.7519	0.8036	0.8553	0.9071	0.9589	22.1
29.1-31.0	32.7- 34.8	0.1005	0.1565	0.2134	0.2708	0.3285	0.3866	0.4448	0.5032	0.5617	0.6203	0.6789	0.7377	0.7965	0.8554	0.9143	0.9732	1.0322	1.0912	23.0
31.1-33.0	35.0- 37.1	0.1133	0.1763	0.2403	0.3050	0.3701	0.4356	0.5013	0.5671	0.6332	0.6993	0.7655	0.8319	0.8983	0.9647	1.0312	1.0978	1.1644	1.2311	23.8
33.1-35.0	37.2- 39.4	0.1269	0.1972	0.2686	0.3409	0.4138	0.4870	0.5606	0.6344	0.7083	0.7824	0.8566	0.9310	1.0054	1.0798	1.1544	1.2290	1.3036	1.3784	24.6
35.1-37.0	39.5- 41.7	0.1412	0.2190	0.2983	0.3786	0.4596	0.5410	0.6228	0.7049	0.7872	0.8696	0.9522	1.0349	1.1177	1.2006	1.2835	1.3666	1.4497	1.5329	25.3
37.1-39.0	41.8- 44.0	0.1563	0.2420	0.3294	0.4180	0.5074	0.5974	0.6878	0.7786	0.8695	0.9607	1.0521	1.1435	1.2351	1.3268	1.4186	1.5105	1.6025	1.6945	25.9
39.1-41.0	44.1- 46.3	0.1722	0.2660	0.3618	0.4591	0.5573	0.6562	0.7556	0.8554	0.9554	1.0557	1.1562	1.2568	1.3576	1.4585	1.5596	1.6607	1.7619	1.8631	26.5
41.1-43.0	46.4- 48.6	0.1888	0.2911	0.3956	0.5018	0.6092	0.7173	0.8261	0.9352	1.0447	1.1545	1.2645	1.3747	1.4851	1.5955	1.7062	1.8169	1.9277	2.0386	27.1
43.1-45.0	48.7- 50.9	0.2063	0.3172	0.4307	0.5462	0.6630	0.7808	0.8992	1.0181	1.1374	1.2571	1.3769	1.4970	1.6173	1.7378	1.8584	1.9791	2.0999	2.2208	27.6
45.1-47.0	51.0- 53.2	0.2246	0.3444	0.4672	0.5923	0.7188	0.8465	0.9749	1.1039	1.2334	1.3632	1.4934	1.6237	1.7543	1.8851	2.0160	2.1471	2.2783	2.4096	28.0
47.1-49.0	53.4- 55.5	0.2437	0.3727	0.5050	0.6399	0.7766	0.9145	1.0532	1.1927	1.3326	1.4730	1.6138	1.7548	1.8960	2.0375	2.1791	2.3209	2.4628	2.6049	28.5
49.1-51.0	55.7- 57.9	0.2637	0.4021	0.5441	0.6892	0.8362	0.9846	1.1341	1.2843	1.4351	1.5864	1.7380	1.8900	2.0423	2.1948	2.3475	2.5003	2.6534	2.8066	28.9
51.1-53.0	58.0- 60.2	0.2845	0.4325	0.5846	0.7400	0.8977	1.0569	1.2174	1.3787	1.5406	1.7031	1.8661	2.0294	2.1930	2.3569	2.5210	2.6853	2.8498	3.0145	29.2
53.1-55.0	60.3- 62.5	0.3063	0.4641	0.6264	0.7924	0.9610	1.1314	1.3031	1.4758	1.6493	1.8233	1.9979	2.1728	2.3482	2.5238	2.6996	2.8757	3.0520	3.2285	29.6
55.1-57.0	62.6- 64.8	0.3290	0.4968	0.6695	0.8464	1.0262	1.2080	1.3913	1.5757	1.7609	1.9469	2.1334	2.3203	2.5076	2.6953	2.8833	3.0715	3.2599	3.4485	29.9
57.1-59.0	65.0- 67.2	0.3527	0.5306	0.7139	0.9019	1.0932	1.2867	1.4818	1.6782	1.8756	2.0737	2.2724	2.4717	2.6714	2.8714	3.0718	3.2725	3.4734	3.6745	30.1
59.1-61.0	67.3- 69.5	0.3773	0.5655	0.7597	0.9590	1.1620	1.3674	1.5747	1.7834	1.9932	2.2038	2.4151	2.6269	2.8393	3.0521	3.2652	3.4786	3.6923	3.9063	30.4
61.1-63.0	69.6- 71.8	0.4029	0.6016	0.8068	1.0177	1.2325	1.4502	1.6699	1.8912	2.1136	2.3370	2.5612	2.7860	3.0113	3.2371	3.4633	3.6898	3.9166	4.1437	30.6
63.1-65.0	71.9- 74.2	0.4296	0.6389	0.8552	1.0778	1.3049	1.5350	1.7674	2.0015	2.2370	2.4734	2.7108	2.9488	3.1874	3.4265	3.6660	3.9060	4.1462	4.3868	30.8
65.1-67.0	74.3- 76.5	0.4573	0.6774	0.9050	1.1396	1.3790	1.6218	1.8672	2.1144	2.3631	2.6129	2.8637	3.1152	3.3674	3.6201	3.8734	4.1270	4.3810	4.6354	31.0
67.1-69.0	76.6- 78.9	0.4861	0.7170	0.9562	1.2028	1.4548	1.7106	1.9691	2.2297	2.4919	2.7554	3.0199	3.2853	3.5513	3.8180	4.0852	4.3528	4.6209	4.8893	31.2
69.1-71.0	79.0- 81.2	0.5160	0.7579	1.0087	1.2676	1.5324	1.8013	2.0733	2.3475	2.6235	2.9009	3.1794	3.4589	3.7391	4.0200	4.3014	4.5834	4.8658	5.1486	31.4
71.1-73.0	81.3- 83.6	0.5471	0.8001	1.0625	1.3339	1.6117	1.8940	2.1796	2.4678	2.7578	3.0493	3.3421	3.6359	3.9306	4.2260	4.5220	4.8186	5.1156	5.4131	31.5
73.1-75.0	83.7- 85.9	0.5794	0.8435	1.1178	1.4018	1.6927	1.9886	2.2881	2.5904	2.8947	3.2007	3.5080	3.8165	4.1258	4.4360	4.7469	5.0583	5.3703	5.6827	31.7
75.1-77.0	86.0- 88.3	0.6128	0.8882	1.1744	1.4712	1.7755	2.0852	2.3988	2.7153	3.0342	3.3549	3.6770	4.0003	4.3247	4.6499	4.9759	5.3025	5.6297	5.9573	31.8
77.1-79.0	88.4- 90.6	0.6475	0.9342	1.2325	1.5421	1.8599	2.1836	2.5115	2.8427	3.1763	3.5119	3.8491	4.1876	4.5272	4.8677	5.2090	5.5511	5.8937	6.2369	31.9
79.1-81.0	90.7- 93.0	0.6836	0.9816	1.2919	1.6146	1.9461	2.2839	2.6263	2.9723	3.3209	3.6716	4.0241	4.3780	4.7331	5.0892	5.4462	5.8040	6.1624	6.5213	32.0

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

4.0 MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 2, 15, 16

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 5. Merchantable volume (m^3) from 0.30 m stump height to 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	6.3- 8.2	0.0015	0.0026	0.0037	0.0048	0.0059	0.0070	0.0082	0.0093	0.0104	0.0115	0.0127	0.0138	0.0149	0.0160	0.0172	0.0183	0.0194	0.0206	5.9
7.1- 9.0	8.3- 10.3	0.0052	0.0090	0.0128	0.0167	0.0206	0.0245	0.0285	0.0324	0.0364	0.0403	0.0443	0.0482	0.0522	0.0562	0.0601	0.0641	0.0681	0.0721	8.0
9.1-11.0	10.4- 12.4	0.0089	0.0154	0.0219	0.0286	0.0353	0.0420	0.0487	0.0555	0.0622	0.0690	0.0758	0.0826	0.0893	0.0961	0.1029	0.1097	0.1165	0.1233	10.2
11.1-13.0	12.6- 14.6	0.0130	0.0225	0.0322	0.0420	0.0519	0.0618	0.0717	0.0817	0.0916	0.1016	0.1116	0.1217	0.1317	0.1417	0.1518	0.1618	0.1719	0.1819	12.3
13.1-15.0	14.7- 16.7	0.0175	0.0305	0.0437	0.0571	0.0706	0.0842	0.0978	0.1114	0.1251	0.1388	0.1525	0.1662	0.1799	0.1937	0.2075	0.2212	0.2350	0.2488	14.3
15.1-17.0	16.8- 18.9	0.0225	0.0393	0.0565	0.0740	0.0915	0.1092	0.1269	0.1447	0.1625	0.1804	0.1983	0.2162	0.2342	0.2521	0.2701	0.2881	0.3061	0.3241	16.1
17.1-19.0	19.0- 21.1	0.0280	0.0491	0.0706	0.0925	0.1146	0.1368	0.1591	0.1815	0.2040	0.2265	0.2491	0.2717	0.2943	0.3170	0.3396	0.3623	0.3850	0.4078	17.8
19.1-21.0	21.2- 23.3	0.0340	0.0597	0.0860	0.1127	0.1397	0.1670	0.1943	0.2218	0.2494	0.2770	0.3047	0.3324	0.3602	0.3880	0.4159	0.4438	0.4717	0.4996	19.4
21.1-23.0	23.4- 25.6	0.0405	0.0711	0.1026	0.1346	0.1670	0.1996	0.2324	0.2654	0.2985	0.3317	0.3650	0.3983	0.4317	0.4652	0.4987	0.5322	0.5658	0.5994	20.8
23.1-25.0	25.7- 27.8	0.0475	0.0835	0.1204	0.1580	0.1962	0.2346	0.2733	0.3123	0.3513	0.3905	0.4299	0.4693	0.5087	0.5483	0.5879	0.6275	0.6672	0.7069	22.1
25.1-27.0	28.0- 30.1	0.0550	0.0967	0.1394	0.1831	0.2273	0.2720	0.3170	0.3623	0.4078	0.4534	0.4992	0.5451	0.5910	0.6371	0.6832	0.7294	0.7757	0.8220	23.2
27.1-29.0	30.2- 32.4	0.0631	0.1107	0.1597	0.2096	0.2604	0.3116	0.3633	0.4154	0.4677	0.5201	0.5728	0.6256	0.6785	0.7316	0.7847	0.8379	0.8911	0.9445	24.2
29.1-31.0	32.5- 34.7	0.0718	0.1257	0.1811	0.2377	0.2953	0.3535	0.4123	0.4714	0.5309	0.5907	0.6506	0.7107	0.7710	0.8314	0.8919	0.9526	1.0133	1.0740	25.1
31.1-33.0	34.9- 37.1	0.0811	0.1416	0.2037	0.2673	0.3320	0.3976	0.4638	0.5304	0.5975	0.6649	0.7325	0.8004	0.8684	0.9366	1.0049	1.0734	1.1419	1.2106	26.0
33.1-35.0	37.2- 39.5	0.0909	0.1584	0.2276	0.2985	0.3706	0.4438	0.5177	0.5923	0.6673	0.7427	0.8184	0.8943	0.9705	1.0469	1.1234	1.2001	1.2769	1.3539	26.7
35.1-37.0	39.6- 41.8	0.1015	0.1762	0.2527	0.3311	0.4110	0.4921	0.5742	0.6569	0.7402	0.8239	0.9081	0.9925	1.0772	1.1622	1.2473	1.3326	1.4181	1.5037	27.3
37.1-39.0	42.0- 44.2	0.1127	0.1949	0.2790	0.3652	0.4532	0.5425	0.6330	0.7242	0.8161	0.9086	1.0015	1.0948	1.1884	1.2823	1.3764	1.4708	1.5653	1.6599	27.9
39.1-41.0	44.4- 46.7	0.1246	0.2147	0.3065	0.4008	0.4971	0.5950	0.6941	0.7942	0.8951	0.9966	1.0987	1.2012	1.3040	1.4072	1.5107	1.6144	1.7183	1.8224	28.4
41.1-43.0	46.8- 49.1	0.1373	0.2355	0.3354	0.4379	0.5428	0.6495	0.7576	0.8668	0.9770	1.0879	1.1994	1.3114	1.4238	1.5367	1.6498	1.7633	1.8769	1.9908	28.8
43.1-45.0	49.2- 51.6	0.1508	0.2574	0.3655	0.4766	0.5902	0.7059	0.8233	0.9420	1.0617	1.1823	1.3036	1.4254	1.5478	1.6706	1.7938	1.9173	2.0411	2.1652	29.2
45.1-47.0	51.7- 54.1	0.1652	0.2803	0.3969	0.5167	0.6394	0.7644	0.8913	1.0197	1.1492	1.2798	1.4111	1.5432	1.6758	1.8089	1.9425	2.0764	2.2107	2.3452	29.6
47.1-49.0	54.2- 56.6	0.1804	0.3045	0.4297	0.5584	0.6903	0.8249	0.9615	1.0998	1.2395	1.3803	1.5221	1.6646	1.8078	1.9515	2.0958	2.2404	2.3855	2.5308	29.9
49.1-51.0	56.7- 59.1	0.1966	0.3298	0.4639	0.6017	0.7430	0.8873	1.0339	1.1824	1.3325	1.4839	1.6363	1.7895	1.9436	2.0982	2.2535	2.4092	2.5653	2.7218	30.1
51.1-53.0	59.2- 61.7	0.2137	0.3564	0.4995	0.6465	0.7975	0.9517	1.1085	1.2675	1.4282	1.5903	1.7536	1.9179	2.0831	2.2490	2.4155	2.5826	2.7501	2.9181	30.4
53.1-55.0	61.8- 64.2	0.2318	0.3843	0.5365	0.6930	0.8537	1.0180	1.1853	1.3549	1.5265	1.6996	1.8741	2.0497	2.2263	2.4037	2.5818	2.7605	2.9398	3.1195	30.6
55.1-57.0	64.4- 66.8	0.2511	0.4135	0.5750	0.7410	0.9117	1.0863	1.2642	1.4447	1.6273	1.8118	1.9977	2.1849	2.3731	2.5623	2.7522	2.9429	3.1341	3.3259	30.8
57.1-59.0	67.0- 69.4	0.2715	0.4441	0.6151	0.7908	0.9715	1.1566	1.3452	1.5368	1.7308	1.9267	2.1243	2.3233	2.5234	2.7246	2.9267	3.1295	3.3330	3.5372	30.9
59.1-61.0	69.6- 72.1	0.2931	0.4761	0.6567	0.8422	1.0331	1.2288	1.4284	1.6312	1.8367	2.0443	2.2538	2.4648	2.6772	2.8906	3.1051	3.3204	3.5364	3.7532	31.1
61.1-63.0	72.2- 74.7	0.3159	0.5097	0.6999	0.8953	1.0966	1.3030	1.5137	1.7280	1.9451	2.1647	2.3863	2.6095	2.8343	3.0602	3.2873	3.5153	3.7442	3.9738	31.2
63.1-65.0	74.9- 77.4	0.3401	0.5448	0.7448	0.9501	1.1618	1.3792	1.6012	1.8270	2.0560	2.2877	2.5216	2.7573	2.9946	3.2334	3.4733	3.7143	3.9562	4.1989	31.3
65.1-67.0	77.5- 80.1	0.3657	0.5815	0.7913	1.0068	1.2290	1.4573	1.6907	1.9283	2.1694	2.4133	2.6597	2.9081	3.1583	3.4100	3.6630	3.9171	4.1723	4.4284	31.4
67.1-69.0	80.2- 82.8	0.3928	0.6200	0.8397	1.0652	1.2981	1.5375	1.7824	2.0319	2.2851	2.5415	2.8006	3.0618	3.3250	3.5899	3.8562	4.1238	4.3925	4.6621	31.5
69.1-71.0	82.9- 85.5	0.4214	0.6602	0.8898	1.1255	1.3691	1.6197	1.8762	2.1377	2.4033	2.6723	2.9442	3.2185	3.4949	3.7732	4.0530	4.3342	4.6166	4.9001	31.5
71.1-73.0	85.7- 88.3	0.4516	0.7022	0.9418	1.1877	1.4420	1.7039	1.9721	2.2458	2.5238	2.8056	3.0905	3.3780	3.6679	3.9597	4.2532	4.5482	4.8446	5.1421	31.6
73.1-75.0	88.4- 91.1	0.4836	0.7461	0.9957	1.2518	1.5169	1.7901	2.0702	2.3561	2.6467	2.9414	3.2395	3.5404	3.8438	4.1494	4.4568	4.7658	5.0763	5.3881	31.7
75.1-77.0	91.2- 93.9	0.5174	0.7920	1.0516	1.3180	1.5938	1.8784	2.1704	2.4686	2.7720	3.0797	3.3911	3.7056	4.0227	4.3422	4.6637	4.9869	5.3117	5.6379	31.7
77.1-79.0	94.0- 96.7	0.5531	0.8399	1.1095	1.3861	1.6728	1.9688	2.2728	2.5834	2.8996	3.2205	3.5453	3.8734	4.2045	4.5380	4.8738	5.2114	5.5507	5.8915	31.8
79.1-81.0	96.8- 99.5	0.5908	0.8900	1.1695	1.4563	1.7538	2.0613	2.3773	2.7005	3.0296	3.3637	3.7021	4.0440	4.3891	4.7369	5.0870	5.4392	5.7933	6.1489	31.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 6. Merchantable volume (m^3) from 0.30 m stump height to 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	8.3- 10.3	0.0018	0.0031	0.0043	0.0054	0.0065	0.0076	0.0087	0.0098	0.0109	0.0119	0.0130	0.0140	0.0151	0.0162	0.0172	0.0183	0.0193	0.0204	8.0
9.1-11.0	10.4- 12.4	0.0066	0.0117	0.0168	0.0221	0.0274	0.0327	0.0381	0.0435	0.0489	0.0543	0.0597	0.0651	0.0705	0.0760	0.0814	0.0868	0.0923	0.0977	10.2
11.1-13.0	12.6- 14.6	0.0112	0.0197	0.0285	0.0373	0.0463	0.0552	0.0642	0.0733	0.0823	0.0914	0.1005	0.1096	0.1187	0.1278	0.1369	0.1461	0.1552	0.1643	12.3
13.1-15.0	14.7- 16.7	0.0160	0.0282	0.0407	0.0534	0.0661	0.0790	0.0919	0.1048	0.1178	0.1308	0.1438	0.1568	0.1698	0.1829	0.1959	0.2090	0.2221	0.2352	14.3
15.1-17.0	16.8- 18.9	0.0213	0.0374	0.0540	0.0708	0.0878	0.1048	0.1220	0.1392	0.1565	0.1738	0.1911	0.2085	0.2258	0.2432	0.2606	0.2781	0.2955	0.3130	16.1
17.1-19.0	19.0- 21.1	0.0269	0.0474	0.0684	0.0897	0.1113	0.1330	0.1549	0.1768	0.1988	0.2208	0.2429	0.2650	0.2872	0.3093	0.3315	0.3538	0.3760	0.3983	17.8
19.1-21.0	21.2- 23.3	0.0330	0.0581	0.0840	0.1102	0.1368	0.1636	0.1905	0.2176	0.2447	0.2720	0.2992	0.3266	0.3539	0.3814	0.4088	0.4363	0.4638	0.4913	19.4
21.1-23.0	23.4- 25.6	0.0395	0.0697	0.1007	0.1323	0.1643	0.1965	0.2290	0.2616	0.2943	0.3272	0.3601	0.3931	0.4261	0.4592	0.4924	0.5255	0.5587	0.5920	20.8
23.1-25.0	25.7- 27.8	0.0466	0.0821	0.1187	0.1559	0.1937	0.2318	0.2702	0.3088	0.3475	0.3864	0.4254	0.4645	0.5036	0.5429	0.5821	0.6215	0.6608	0.7002	22.1
25.1-27.0	28.0- 30.1	0.0542	0.0954	0.1378	0.1811	0.2250	0.2694	0.3141	0.3590	0.4042	0.4496	0.4951	0.5407	0.5864	0.6321	0.6780	0.7239	0.7699	0.8159	23.2
27.1-29.0	30.2- 32.4	0.0623	0.1095	0.1581	0.2077	0.2582	0.3092	0.3606	0.4123	0.4644	0.5166	0.5690	0.6215	0.6742	0.7269	0.7798	0.8327	0.8857	0.9388	24.2
29.1-31.0	32.5- 34.7	0.0710	0.1246	0.1796	0.2359	0.2932	0.3512	0.4097	0.4686	0.5278	0.5873	0.6470	0.7069	0.7669	0.8271	0.8874	0.9477	1.0082	1.0688	25.1
31.1-33.0	34.9- 37.1	0.0803	0.1405	0.2023	0.2656	0.3300	0.3953	0.4613	0.5277	0.5945	0.6617	0.7291	0.7967	0.8645	0.9325	1.0006	1.0688	1.1372	1.2056	26.0
33.1-35.0	37.2- 39.5	0.0902	0.1573	0.2262	0.2968	0.3687	0.4416	0.5153	0.5896	0.6644	0.7396	0.8151	0.8908	0.9668	1.0430	1.1193	1.1958	1.2724	1.3491	26.7
35.1-37.0	39.6- 41.8	0.1008	0.1751	0.2513	0.3294	0.4091	0.4900	0.5718	0.6544	0.7374	0.8210	0.9049	0.9892	1.0737	1.1585	1.2434	1.3285	1.4138	1.4992	27.3
37.1-39.0	42.0- 44.2	0.1120	0.1939	0.2777	0.3636	0.4513	0.5405	0.6307	0.7218	0.8135	0.9058	0.9985	1.0916	1.1850	1.2787	1.3727	1.4668	1.5611	1.6556	27.9
39.1-41.0	44.4- 46.7	0.1240	0.2137	0.3052	0.3993	0.4953	0.5930	0.6919	0.7918	0.8925	0.9939	1.0957	1.1980	1.3007	1.4037	1.5070	1.6105	1.7143	1.8182	28.4
41.1-43.0	46.8- 49.1	0.1367	0.2345	0.3341	0.4364	0.5410	0.6475	0.7554	0.8645	0.9744	1.0852	1.1965	1.3084	1.4206	1.5333	1.6463	1.7595	1.8731	1.9868	28.8
43.1-45.0	49.2- 51.6	0.1502	0.2564	0.3642	0.4751	0.5885	0.7040	0.8212	0.9397	1.0592	1.1796	1.3008	1.4225	1.5447	1.6673	1.7904	1.9137	2.0373	2.1612	29.2
45.1-47.0	51.7- 54.1	0.1646	0.2794	0.3957	0.5152	0.6377	0.7625	0.8892	1.0174	1.1468	1.2772	1.4084	1.5403	1.6728	1.8057	1.9391	2.0729	2.2070	2.3414	29.6
47.1-49.0	54.2- 56.6	0.1798	0.3036	0.4285	0.5570	0.6887	0.8230	0.9595	1.0976	1.2371	1.3778	1.5194	1.6617	1.8048	1.9483	2.0924	2.2369	2.3818	2.5271	29.9
49.1-51.0	56.7- 59.1	0.1960	0.3289	0.4627	0.6002	0.7414	0.8854	1.0319	1.1803	1.3302	1.4813	1.6336	1.7867	1.9406	2.0951	2.2502	2.4058	2.5618	2.7181	30.1
51.1-53.0	59.2- 61.7	0.2131	0.3555	0.4983	0.6451	0.7958	0.9498	1.1065	1.2653	1.4258	1.5878	1.7510	1.9151	2.0802	2.2459	2.4123	2.5792	2.7466	2.9145	30.4
53.1-55.0	61.8- 64.2	0.2313	0.3834	0.5353	0.6916	0.8521	1.0162	1.1833	1.3527	1.5241	1.6972	1.8715	2.0470	2.2234	2.4006	2.5786	2.7572	2.9363	3.1159	30.6
55.1-57.0	64.4- 66.8	0.2505	0.4126	0.5739	0.7396	0.9101	1.0845	1.2622	1.4425	1.6250	1.8093	1.9951	2.1821	2.3702	2.5592	2.7491	2.9396	3.1307	3.3223	30.8
57.1-59.0	67.0- 69.4	0.2709	0.4432	0.6139	0.7894	0.9699	1.1548	1.3433	1.5347	1.7285	1.9242	2.1217	2.3205	2.5205	2.7216	2.9235	3.1262	3.3296	3.5336	30.9
59.1-61.0	69.6- 72.1	0.2925	0.4753	0.6555	0.8408	1.0315	1.2270	1.4264	1.6291	1.8344	2.0419	2.2512	2.4621	2.6743	2.8876	3.1019	3.3171	3.5330	3.7496	31.1
61.1-63.0	72.2- 74.7	0.3154	0.5088	0.6987	0.8939	1.0949	1.3012	1.5117	1.7258	1.9428	2.1622	2.3837	2.6068	2.8314	3.0572	3.2842	3.5120	3.7408	3.9702	31.2
63.1-65.0	74.9- 77.4	0.3396	0.5440	0.7436	0.9487	1.1602	1.3774	1.5992	1.8249	2.0537	2.2852	2.5189	2.7546	2.9918	3.2304	3.4702	3.7110	3.9528	4.1953	31.3
65.1-67.0	77.5- 80.1	0.3652	0.5807	0.7902	1.0054	1.2274	1.4555	1.6887	1.9261	2.1670	2.4108	2.6570	2.9053	3.1554	3.4069	3.6598	3.9138	4.1689	4.4248	31.4
67.1-69.0	80.2- 82.8	0.3923	0.6191	0.8385	1.0638	1.2965	1.5357	1.7804	2.0297	2.2828	2.5390	2.7979	3.0591	3.3221	3.5869	3.8531	4.1205	4.3891	4.6586	31.5
69.1-71.0	82.9- 85.5	0.4209	0.6593	0.8887	1.1241	1.3674	1.6178	1.8742	2.1355	2.4009	2.6698	2.9415	3.2157	3.4920	3.7701	4.0498	4.3309	4.6132	4.8965	31.5
71.1-73.0	85.7- 88.3	0.4512	0.7013	0.9407	1.1863	1.4404	1.7020	1.9701	2.2435	2.5214	2.8031	3.0878	3.3752	3.6649	3.9566	4.2500	4.5449	4.8411	5.1385	31.6
73.1-75.0	88.4- 91.1	0.4831	0.7453	0.9946	1.2504	1.5153	1.7882	2.0682	2.3538	2.6443	2.9389	3.2368	3.5376	3.8409	4.1463	4.4536	4.7625	5.0728	5.3845	31.7
75.1-77.0	91.2- 93.9	0.5169	0.7912	1.0504	1.3165	1.5922	1.8765	2.1683	2.4664	2.7696	3.0771	3.3883	3.7027	4.0197	4.3390	4.6604	4.9835	5.3082	5.6343	31.7
77.1-79.0	94.0- 96.7	0.5527	0.8391	1.1084	1.3847	1.6711	1.9669	2.2707	2.5811	2.8972	3.2179	3.5425	3.8705	4.2015	4.5349	4.8705	5.2080	5.5472	5.8879	31.8
79.1-81.0	96.8- 99.5	0.5904	0.8892	1.1684	1.4549	1.7521	2.0594	2.3752	2.6981	3.0271	3.3611	3.6993	4.0411	4.3861	4.7337	5.0837	5.4358	5.7897	6.1452	31.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 7. Merchantable volume (m^3) from 0.30 m stump height to 10.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.6- 14.6	0.0057	0.0098	0.0138	0.0178	0.0218	0.0257	0.0297	0.0336	0.0376	0.0415	0.0455	0.0494	0.0534	0.0573	0.0613	0.0652	0.0692	0.0732	12.3
13.1-15.0	14.7- 16.7	0.0116	0.0207	0.0299	0.0394	0.0490	0.0587	0.0685	0.0783	0.0882	0.0981	0.1080	0.1179	0.1279	0.1378	0.1478	0.1578	0.1678	0.1778	14.3
15.1-17.0	16.8- 18.9	0.0176	0.0312	0.0454	0.0598	0.0744	0.0892	0.1040	0.1189	0.1339	0.1489	0.1640	0.1791	0.1942	0.2093	0.2245	0.2396	0.2548	0.2700	16.1
17.1-19.0	19.0- 21.1	0.0237	0.0421	0.0611	0.0805	0.1002	0.1200	0.1400	0.1601	0.1803	0.2005	0.2207	0.2410	0.2614	0.2817	0.3021	0.3225	0.3430	0.3634	17.8
19.1-21.0	21.2- 23.3	0.0301	0.0534	0.0776	0.1022	0.1272	0.1524	0.1778	0.2033	0.2289	0.2546	0.2803	0.3061	0.3320	0.3579	0.3838	0.4098	0.4357	0.4618	19.4
21.1-23.0	23.4- 25.6	0.0369	0.0655	0.0950	0.1251	0.1557	0.1866	0.2177	0.2490	0.2804	0.3119	0.3435	0.3752	0.4069	0.4387	0.4705	0.5024	0.5343	0.5662	20.8
23.1-25.0	25.7- 27.8	0.0442	0.0782	0.1134	0.1494	0.1859	0.2228	0.2600	0.2974	0.3350	0.3727	0.4105	0.4485	0.4865	0.5245	0.5627	0.6008	0.6391	0.6773	22.1
25.1-27.0	28.0- 30.1	0.0520	0.0918	0.1329	0.1750	0.2178	0.2611	0.3047	0.3486	0.3928	0.4371	0.4815	0.5261	0.5708	0.6155	0.6603	0.7052	0.7502	0.7952	23.2
27.1-29.0	30.2- 32.4	0.0602	0.1062	0.1536	0.2021	0.2515	0.3015	0.3519	0.4027	0.4538	0.5051	0.5565	0.6081	0.6598	0.7117	0.7636	0.8156	0.8677	0.9199	24.2
29.1-31.0	32.5- 34.7	0.0690	0.1214	0.1753	0.2306	0.2869	0.3440	0.4016	0.4596	0.5179	0.5766	0.6354	0.6945	0.7536	0.8130	0.8724	0.9319	0.9916	1.0513	25.1
31.1-33.0	34.9- 37.1	0.0784	0.1374	0.1982	0.2606	0.3241	0.3885	0.4536	0.5192	0.5852	0.6516	0.7182	0.7851	0.8521	0.9193	0.9866	1.0541	1.1216	1.1893	26.0
33.1-35.0	37.2- 39.5	0.0884	0.1544	0.2223	0.2920	0.3630	0.4352	0.5081	0.5816	0.6556	0.7301	0.8048	0.8798	0.9551	1.0305	1.1062	1.1819	1.2578	1.3338	26.7
35.1-37.0	39.6- 41.8	0.0991	0.1723	0.2476	0.3248	0.4037	0.4838	0.5649	0.6467	0.7291	0.8119	0.8952	0.9787	1.0626	1.1467	1.2309	1.3154	1.4000	1.4847	27.3
37.1-39.0	42.0- 44.2	0.1104	0.1912	0.2740	0.3591	0.4461	0.5345	0.6240	0.7144	0.8055	0.8971	0.9892	1.0816	1.1744	1.2675	1.3608	1.4543	1.5480	1.6419	27.9
39.1-41.0	44.4- 46.7	0.1224	0.2111	0.3017	0.3949	0.4903	0.5872	0.6855	0.7847	0.8848	0.9855	1.0868	1.1885	1.2906	1.3930	1.4957	1.5986	1.7017	1.8051	28.4
41.1-43.0	46.8- 49.1	0.1352	0.2320	0.3307	0.4322	0.5361	0.6419	0.7492	0.8576	0.9670	1.0771	1.1879	1.2991	1.4109	1.5229	1.6354	1.7481	1.8610	1.9742	28.8
43.1-45.0	49.2- 51.6	0.1487	0.2539	0.3609	0.4710	0.5837	0.6986	0.8151	0.9330	1.0520	1.1718	1.2924	1.4135	1.5352	1.6573	1.7798	1.9026	2.0258	2.1491	29.2
45.1-47.0	51.7- 54.1	0.1631	0.2770	0.3925	0.5113	0.6330	0.7572	0.8833	1.0109	1.1398	1.2696	1.4003	1.5316	1.6636	1.7960	1.9289	2.0622	2.1958	2.3297	29.6
47.1-49.0	54.2- 56.6	0.1784	0.3012	0.4254	0.5531	0.6841	0.8178	0.9537	1.0913	1.2303	1.3704	1.5114	1.6533	1.7958	1.9389	2.0825	2.2265	2.3710	2.5157	29.9
49.1-51.0	56.7- 59.1	0.1946	0.3266	0.4596	0.5964	0.7369	0.8804	1.0262	1.1741	1.3234	1.4741	1.6258	1.7785	1.9319	2.0859	2.2405	2.3956	2.5512	2.7071	30.1
51.1-53.0	59.2- 61.7	0.2118	0.3533	0.4953	0.6414	0.7914	0.9449	1.1010	1.2592	1.4192	1.5807	1.7434	1.9071	2.0716	2.2369	2.4028	2.5693	2.7363	2.9037	30.4
53.1-55.0	61.8- 64.2	0.2300	0.3812	0.5324	0.6879	0.8477	1.0113	1.1778	1.3468	1.5177	1.6902	1.8641	2.0391	2.2150	2.3918	2.5694	2.7475	2.9262	3.1054	30.6
55.1-57.0	64.4- 66.8	0.2493	0.4105	0.5709	0.7360	0.9058	1.0797	1.2568	1.4366	1.6186	1.8024	1.9878	2.1743	2.3620	2.5506	2.7400	2.9301	3.1208	3.3120	30.8
57.1-59.0	67.0- 69.4	0.2697	0.4411	0.6110	0.7858	0.9657	1.1500	1.3379	1.5288	1.7221	1.9175	2.1145	2.3128	2.5124	2.7131	2.9146	3.1169	3.3199	3.5235	30.9
59.1-61.0	69.6- 72.1	0.2913	0.4732	0.6527	0.8372	1.0273	1.2223	1.4212	1.6233	1.8282	2.0352	2.2441	2.4545	2.6663	2.8792	3.0931	3.3079	3.5234	3.7396	31.1
61.1-63.0	72.2- 74.7	0.3142	0.5068	0.6959	0.8904	1.0908	1.2965	1.5065	1.7201	1.9366	2.1556	2.3766	2.5993	2.8235	3.0489	3.2755	3.5030	3.7313	3.9604	31.2
63.1-65.0	74.9- 77.4	0.3384	0.5419	0.7408	0.9453	1.1561	1.3727	1.5940	1.8192	2.0476	2.2786	2.5119	2.7471	2.9839	3.2221	3.4615	3.7020	3.9434	4.1856	31.3
65.1-67.0	77.5- 80.1	0.3640	0.5787	0.7874	1.0019	1.2233	1.4509	1.6836	1.9205	2.1610	2.4043	2.6501	2.8980	3.1476	3.3988	3.6513	3.9049	4.1596	4.4152	31.4
67.1-69.0	80.2- 82.8	0.3911	0.6172	0.8358	1.0604	1.2924	1.5311	1.7753	2.0241	2.2767	2.5325	2.7910	3.0518	3.3144	3.5788	3.8446	4.1117	4.3798	4.6490	31.5
69.1-71.0	82.9- 85.5	0.4198	0.6574	0.8860	1.1207	1.3634	1.6133	1.8691	2.1299	2.3949	2.6633	2.9346	3.2084	3.4843	3.7621	4.0414	4.3221	4.6040	4.8870	31.5
71.1-73.0	85.7- 88.3	0.4501	0.6994	0.9380	1.1829	1.4364	1.6975	1.9650	2.2380	2.5154	2.7966	3.0810	3.3680	3.6573	3.9486	4.2416	4.5361	4.8320	5.1290	31.6
73.1-75.0	88.4- 91.1	0.4821	0.7434	0.9919	1.2471	1.5113	1.7837	2.0631	2.3483	2.6383	2.9324	3.2299	3.5303	3.8332	4.1383	4.4452	4.7538	5.0638	5.3750	31.7
75.1-77.0	91.2- 93.9	0.5159	0.7893	1.0478	1.3132	1.5882	1.8720	2.1633	2.4608	2.7636	3.0707	3.3815	3.6955	4.0121	4.3311	4.6521	4.9748	5.2992	5.6249	31.7
77.1-79.0	94.0- 96.7	0.5516	0.8373	1.1057	1.3813	1.6672	1.9624	2.2656	2.5756	2.8912	3.2115	3.5357	3.8633	4.1939	4.5269	4.8621	5.1993	5.5382	5.8785	31.8
79.1-81.0	96.8- 99.5	0.5893	0.8874	1.1658	1.4515	1.7482	2.0549	2.3701	2.6926	3.0211	3.3546	3.6924	4.0339	4.3785	4.7257	5.0754	5.4271	5.7806	6.1358	31.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 8. Merchantable volume (m^3) from 0.30 m stump height to 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.6- 14.6	0.0031	0.0048	0.0061	0.0072	0.0082	0.0092	0.0101	0.0110	0.0120	0.0129	0.0138	0.0148	0.0157	0.0166	0.0176	0.0185	0.0195	0.0205	12.3
13.1-15.0	14.7- 16.7	0.0094	0.0165	0.0237	0.0309	0.0383	0.0456	0.0531	0.0606	0.0681	0.0756	0.0831	0.0907	0.0983	0.1059	0.1135	0.1211	0.1287	0.1364	14.3
15.1-17.0	16.8- 18.9	0.0157	0.0279	0.0406	0.0535	0.0666	0.0798	0.0931	0.1066	0.1200	0.1336	0.1471	0.1607	0.1743	0.1880	0.2016	0.2153	0.2290	0.2427	16.1
17.1-19.0	19.0- 21.1	0.0221	0.0393	0.0572	0.0754	0.0939	0.1127	0.1315	0.1505	0.1695	0.1886	0.2077	0.2269	0.2462	0.2654	0.2847	0.3040	0.3233	0.3427	17.8
19.1-21.0	21.2- 23.3	0.0287	0.0511	0.0742	0.0979	0.1219	0.1462	0.1707	0.1953	0.2200	0.2448	0.2696	0.2945	0.3195	0.3445	0.3695	0.3946	0.4197	0.4448	19.4
21.1-23.0	23.4- 25.6	0.0357	0.0634	0.0920	0.1213	0.1511	0.1812	0.2116	0.2421	0.2727	0.3035	0.3343	0.3652	0.3962	0.4272	0.4583	0.4894	0.5206	0.5518	20.8
23.1-25.0	25.7- 27.8	0.0431	0.0763	0.1108	0.1460	0.1818	0.2180	0.2545	0.2913	0.3282	0.3653	0.4024	0.4397	0.4771	0.5145	0.5519	0.5895	0.6270	0.6647	22.1
25.1-27.0	28.0- 30.1	0.0509	0.0900	0.1305	0.1719	0.2141	0.2568	0.2998	0.3431	0.3867	0.4304	0.4743	0.5182	0.5623	0.6065	0.6508	0.6951	0.7395	0.7839	23.2
27.1-29.0	30.2- 32.4	0.0592	0.1045	0.1513	0.1992	0.2481	0.2975	0.3474	0.3976	0.4482	0.4989	0.5499	0.6010	0.6522	0.7035	0.7549	0.8064	0.8580	0.9096	24.2
29.1-31.0	32.5- 34.7	0.0681	0.1198	0.1732	0.2279	0.2837	0.3403	0.3974	0.4549	0.5128	0.5709	0.6293	0.6879	0.7466	0.8054	0.8644	0.9235	0.9826	1.0419	25.1
31.1-33.0	34.9- 37.1	0.0776	0.1360	0.1962	0.2581	0.3211	0.3851	0.4497	0.5148	0.5804	0.6463	0.7125	0.7789	0.8455	0.9123	0.9792	1.0462	1.1133	1.1806	26.0
33.1-35.0	37.2- 39.5	0.0876	0.1530	0.2204	0.2896	0.3602	0.4319	0.5044	0.5775	0.6511	0.7251	0.7995	0.8741	0.9489	1.0240	1.0992	1.1746	1.2501	1.3257	26.7
35.1-37.0	39.6- 41.8	0.0983	0.1710	0.2458	0.3226	0.4010	0.4807	0.5614	0.6428	0.7248	0.8072	0.8901	0.9733	1.0568	1.1405	1.2244	1.3085	1.3927	1.4771	27.3
37.1-39.0	42.0- 44.2	0.1096	0.1899	0.2723	0.3570	0.4435	0.5315	0.6207	0.7107	0.8014	0.8926	0.9844	1.0765	1.1689	1.2616	1.3546	1.4478	1.5411	1.6347	27.9
39.1-41.0	44.4- 46.7	0.1217	0.2099	0.3001	0.3929	0.4878	0.5844	0.6822	0.7812	0.8809	0.9813	1.0822	1.1835	1.2853	1.3874	1.4898	1.5924	1.6952	1.7982	28.4
41.1-43.0	46.8- 49.1	0.1345	0.2308	0.3291	0.4302	0.5337	0.6392	0.7461	0.8542	0.9632	1.0730	1.1835	1.2944	1.4058	1.5176	1.6297	1.7421	1.8548	1.9677	28.8
43.1-45.0	49.2- 51.6	0.1481	0.2528	0.3594	0.4690	0.5814	0.6959	0.8121	0.9297	1.0484	1.1679	1.2881	1.4090	1.5304	1.6522	1.7744	1.8969	2.0198	2.1428	29.2
45.1-47.0	51.7- 54.1	0.1625	0.2759	0.3910	0.5094	0.6308	0.7546	0.8804	1.0077	1.1362	1.2658	1.3962	1.5272	1.6589	1.7911	1.9237	2.0567	2.1900	2.3236	29.6
47.1-49.0	54.2- 56.6	0.1778	0.3002	0.4239	0.5512	0.6819	0.8153	0.9509	1.0882	1.2268	1.3667	1.5075	1.6491	1.7913	1.9341	2.0775	2.2212	2.3654	2.5099	29.9
49.1-51.0	56.7- 59.1	0.1940	0.3256	0.4582	0.5946	0.7348	0.8779	1.0235	1.1710	1.3201	1.4705	1.6220	1.7744	1.9275	2.0813	2.2356	2.3905	2.5458	2.7014	30.1
51.1-53.0	59.2- 61.7	0.2112	0.3523	0.4939	0.6396	0.7893	0.9424	1.0983	1.2562	1.4160	1.5772	1.7396	1.9031	2.0674	2.2324	2.3981	2.5643	2.7311	2.8982	30.4
53.1-55.0	61.8- 64.2	0.2294	0.3802	0.5310	0.6861	0.8457	1.0089	1.1752	1.3438	1.5145	1.6868	1.8604	2.0351	2.2109	2.3874	2.5647	2.7426	2.9211	3.1000	30.6
55.1-57.0	64.4- 66.8	0.2487	0.4095	0.5696	0.7343	0.9038	1.0774	1.2542	1.4338	1.6155	1.7991	1.9842	2.1705	2.3579	2.5463	2.7354	2.9253	3.1158	3.3068	30.8
57.1-59.0	67.0- 69.4	0.2691	0.4402	0.6097	0.7841	0.9637	1.1477	1.3354	1.5260	1.7191	1.9142	2.1109	2.3091	2.5085	2.7089	2.9102	3.1122	3.3150	3.5184	30.9
59.1-61.0	69.6- 72.1	0.2908	0.4723	0.6514	0.8356	1.0254	1.2200	1.4187	1.6206	1.8251	2.0319	2.2406	2.4508	2.6624	2.8751	3.0888	3.3033	3.5186	3.7346	31.1
61.1-63.0	72.2- 74.7	0.3137	0.5059	0.6946	0.8888	1.0889	1.2943	1.5041	1.7174	1.9337	2.1524	2.3732	2.5957	2.8196	3.0449	3.2712	3.4985	3.7266	3.9555	31.2
63.1-65.0	74.9- 77.4	0.3379	0.5410	0.7396	0.9437	1.1543	1.3705	1.5916	1.8165	2.0447	2.2755	2.5086	2.7435	2.9801	3.2181	3.4573	3.6976	3.9388	4.1808	31.3
65.1-67.0	77.5- 80.1	0.3635	0.5778	0.7862	1.0004	1.2215	1.4487	1.6812	1.9179	2.1581	2.4012	2.6468	2.8944	3.1439	3.3948	3.6471	3.9006	4.1551	4.4104	31.4
67.1-69.0	80.2- 82.8	0.3906	0.6163	0.8346	1.0589	1.2906	1.5289	1.7729	2.0215	2.2739	2.5295	2.7877	3.0483	3.3107	3.5749	3.8405	4.1074	4.3754	4.6443	31.5
69.1-71.0	82.9- 85.5	0.4193	0.6565	0.8847	1.1192	1.3616	1.6112	1.8667	2.1273	2.3921	2.6603	2.9314	3.2050	3.4807	3.7582	4.0373	4.3178	4.5996	4.8824	31.5
71.1-73.0	85.7- 88.3	0.4496	0.6986	0.9368	1.1814	1.4346	1.6954	1.9627	2.2354	2.5126	2.7936	3.0777	3.3645	3.6537	3.9448	4.2376	4.5319	4.8276	5.1245	31.6
73.1-75.0	88.4- 91.1	0.4816	0.7425	0.9907	1.2456	1.5095	1.7816	2.0608	2.3457	2.6356	2.9294	3.2267	3.5269	3.8296	4.1345	4.4412	4.7496	5.0594	5.3705	31.7
75.1-77.0	91.2- 93.9	0.5154	0.7885	1.0466	1.3117	1.5864	1.8699	2.1610	2.4583	2.7608	3.0677	3.3783	3.6921	4.0085	4.3273	4.6481	4.9707	5.2949	5.6204	31.7
77.1-79.0	94.0- 96.7	0.5512	0.8364	1.1046	1.3799	1.6654	1.9603	2.2633	2.5731	2.8884	3.2085	3.5325	3.8600	4.1903	4.5232	4.8582	5.1952	5.5339	5.8741	31.8
79.1-81.0	96.8- 99.5	0.5889	0.8866	1.1646	1.4501	1.7464	2.0528	2.3679	2.6901	3.0184	3.3517	3.6893	4.0305	4.3749	4.7220	5.0715	5.4230	5.7764	6.1314	31.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 9. Merchantable volume (m^3) from 0.30 m stump height to 13.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
13.1-15.0	14.7- 16.7	0.0041	0.0062	0.0076	0.0088	0.0097	0.0107	0.0116	0.0125	0.0135	0.0144	0.0154	0.0164	0.0173	0.0183	0.0193	0.0203	0.0213	0.0224	14.3
15.1-17.0	16.8- 18.9	0.0111	0.0191	0.0269	0.0348	0.0426	0.0505	0.0584	0.0663	0.0742	0.0821	0.0901	0.0981	0.1060	0.1140	0.1220	0.1300	0.1380	0.1460	16.1
17.1-19.0	19.0- 21.1	0.0181	0.0320	0.0462	0.0608	0.0756	0.0906	0.1057	0.1210	0.1363	0.1517	0.1672	0.1827	0.1983	0.2139	0.2295	0.2451	0.2608	0.2765	17.8
19.1-21.0	21.2- 23.3	0.0252	0.0448	0.0650	0.0858	0.1070	0.1284	0.1500	0.1718	0.1937	0.2157	0.2378	0.2599	0.2821	0.3044	0.3266	0.3489	0.3713	0.3936	19.4
21.1-23.0	23.4- 25.6	0.0326	0.0578	0.0841	0.1110	0.1384	0.1661	0.1941	0.2224	0.2507	0.2792	0.3078	0.3365	0.3652	0.3940	0.4228	0.4517	0.4806	0.5095	20.8
23.1-25.0	25.7- 27.8	0.0402	0.0714	0.1037	0.1368	0.1706	0.2048	0.2394	0.2742	0.3091	0.3443	0.3795	0.4149	0.4503	0.4858	0.5214	0.5570	0.5927	0.6284	22.1
25.1-27.0	28.0- 30.1	0.0483	0.0855	0.1241	0.1637	0.2040	0.2449	0.2862	0.3279	0.3697	0.4118	0.4539	0.4963	0.5387	0.5812	0.6238	0.6665	0.7092	0.7520	23.2
27.1-29.0	30.2- 32.4	0.0568	0.1003	0.1454	0.1917	0.2389	0.2867	0.3351	0.3838	0.4328	0.4821	0.5315	0.5811	0.6309	0.6807	0.7307	0.7807	0.8308	0.8810	24.2
29.1-31.0	32.5- 34.7	0.0659	0.1159	0.1677	0.2209	0.2752	0.3303	0.3860	0.4422	0.4987	0.5555	0.6125	0.6698	0.7271	0.7847	0.8423	0.9001	0.9579	1.0158	25.1
31.1-33.0	34.9- 37.1	0.0754	0.1323	0.1911	0.2515	0.3132	0.3758	0.4392	0.5031	0.5674	0.6321	0.6970	0.7622	0.8276	0.8931	0.9588	1.0247	1.0906	1.1566	26.0
33.1-35.0	37.2- 39.5	0.0856	0.1496	0.2155	0.2834	0.3527	0.4232	0.4945	0.5664	0.6389	0.7118	0.7850	0.8585	0.9322	1.0062	1.0803	1.1546	1.2290	1.3035	26.7
35.1-37.0	39.6- 41.8	0.0964	0.1677	0.2411	0.3167	0.3940	0.4725	0.5520	0.6324	0.7133	0.7947	0.8765	0.9587	1.0411	1.1238	1.2067	1.2897	1.3730	1.4563	27.3
37.1-39.0	42.0- 44.2	0.1078	0.1868	0.2679	0.3514	0.4368	0.5237	0.6118	0.7008	0.7905	0.8808	0.9715	1.0626	1.1541	1.2459	1.3379	1.4301	1.5225	1.6151	27.9
39.1-41.0	44.4- 46.7	0.1199	0.2068	0.2958	0.3875	0.4813	0.5769	0.6738	0.7717	0.8705	0.9699	1.0699	1.1704	1.2713	1.3724	1.4739	1.5756	1.6776	1.7797	28.4
41.1-43.0	46.8- 49.1	0.1328	0.2279	0.3250	0.4250	0.5275	0.6320	0.7380	0.8451	0.9533	1.0622	1.1718	1.2819	1.3924	1.5034	1.6146	1.7262	1.8380	1.9501	28.8
43.1-45.0	49.2- 51.6	0.1464	0.2500	0.3555	0.4641	0.5754	0.6890	0.8043	0.9210	1.0388	1.1575	1.2769	1.3970	1.5175	1.6386	1.7600	1.8817	2.0037	2.1260	29.2
45.1-47.0	51.7- 54.1	0.1609	0.2732	0.3872	0.5046	0.6250	0.7480	0.8729	0.9993	1.1270	1.2558	1.3854	1.5157	1.6466	1.7780	1.9098	2.0421	2.1746	2.3075	29.6
47.1-49.0	54.2- 56.6	0.1763	0.2975	0.4202	0.5466	0.6763	0.8088	0.9435	1.0800	1.2179	1.3570	1.4970	1.6379	1.7794	1.9215	2.0641	2.2072	2.3506	2.4944	29.9
49.1-51.0	56.7- 59.1	0.1925	0.3230	0.4546	0.5901	0.7293	0.8716	1.0164	1.1631	1.3115	1.4611	1.6119	1.7635	1.9160	2.0691	2.2227	2.3769	2.5315	2.6865	30.1
51.1-53.0	59.2- 61.7	0.2098	0.3498	0.4904	0.6352	0.7840	0.9363	1.0913	1.2486	1.4076	1.5681	1.7298	1.8926	2.0562	2.2205	2.3856	2.5511	2.7172	2.8837	30.4
53.1-55.0	61.8- 64.2	0.2280	0.3778	0.5276	0.6818	0.8405	1.0029	1.1684	1.3363	1.5063	1.6779	1.8508	2.0249	2.2000	2.3759	2.5525	2.7298	2.9077	3.0860	30.6
55.1-57.0	64.4- 66.8	0.2474	0.4071	0.5663	0.7301	0.8987	1.0715	1.2476	1.4264	1.6075	1.7904	1.9748	2.1605	2.3473	2.5350	2.7236	2.9128	3.1027	3.2931	30.8
57.1-59.0	67.0- 69.4	0.2678	0.4379	0.6064	0.7800	0.9587	1.1420	1.3289	1.5188	1.7112	1.9057	2.1018	2.2993	2.4981	2.6979	2.8986	3.1001	3.3022	3.5050	30.9
59.1-61.0	69.6- 72.1	0.2895	0.4700	0.6482	0.8315	1.0205	1.2144	1.4123	1.6135	1.8175	2.0236	2.2316	2.4413	2.6522	2.8643	3.0774	3.2914	3.5062	3.7216	31.1
61.1-63.0	72.2- 74.7	0.3124	0.5037	0.6915	0.8848	1.0841	1.2888	1.4978	1.7105	1.9261	2.1442	2.3644	2.5863	2.8097	3.0343	3.2601	3.4868	3.7144	3.9427	31.2
63.1-65.0	74.9- 77.4	0.3367	0.5389	0.7365	0.9398	1.1495	1.3651	1.5854	1.8097	2.0372	2.2674	2.4999	2.7343	2.9704	3.2078	3.4464	3.6861	3.9268	4.1683	31.3
65.1-67.0	77.5- 80.1	0.3623	0.5757	0.7832	0.9965	1.2168	1.4434	1.6751	1.9112	2.1507	2.3933	2.6383	2.8853	3.1342	3.3847	3.6364	3.8893	4.1433	4.3982	31.4
67.1-69.0	80.2- 82.8	0.3895	0.6142	0.8316	1.0550	1.2860	1.5236	1.7669	2.0149	2.2666	2.5216	2.7793	3.0393	3.3012	3.5649	3.8299	4.0963	4.3638	4.6323	31.5
69.1-71.0	82.9- 85.5	0.4182	0.6545	0.8818	1.1154	1.3571	1.6059	1.8608	2.1208	2.3849	2.6525	2.9231	3.1961	3.4713	3.7483	4.0269	4.3069	4.5882	4.8705	31.5
71.1-73.0	85.7- 88.3	0.4485	0.6966	0.9339	1.1777	1.4301	1.6902	1.9569	2.2289	2.5056	2.7860	3.0695	3.3558	3.6444	3.9350	4.2273	4.5212	4.8164	5.1127	31.6
73.1-75.0	88.4- 91.1	0.4805	0.7406	0.9879	1.2419	1.5051	1.7765	2.0550	2.3393	2.6286	2.9219	3.2186	3.5183	3.8205	4.1248	4.4311	4.7390	5.0483	5.3589	31.7
75.1-77.0	91.2- 93.9	0.5144	0.7865	1.0438	1.3081	1.5820	1.8649	2.1553	2.4519	2.7539	3.0602	3.3703	3.6835	3.9995	4.3177	4.6381	4.9602	5.2839	5.6089	31.7
77.1-79.0	94.0- 96.7	0.5501	0.8345	1.1018	1.3763	1.6610	1.9553	2.2577	2.5668	2.8815	3.2011	3.5246	3.8515	4.1813	4.5137	4.8483	5.1848	5.5230	5.8627	31.8
79.1-81.0	96.8- 99.5	0.5879	0.8847	1.1619	1.4465	1.7421	2.0478	2.3622	2.6838	3.0115	3.3443	3.6814	4.0221	4.3660	4.7126	5.0616	5.4127	5.7656	6.1201	31.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 10. Merchantable volume (m^3) from 0.30 m stump height to 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.8- 18.9	0.0055	0.0080	0.0096	0.0108	0.0118	0.0127	0.0136	0.0145	0.0155	0.0165	0.0175	0.0185	0.0195	0.0206	0.0217	0.0227	0.0238	0.0249	
17.1-19.0	19.0- 21.1	0.0130	0.0219	0.0304	0.0387	0.0468	0.0548	0.0628	0.0708	0.0787	0.0866	0.0945	0.1023	0.1102	0.1180	0.1258	0.1337	0.1415	0.1493	16.1
19.1-21.0	21.2- 23.3	0.0207	0.0362	0.0518	0.0678	0.0840	0.1004	0.1170	0.1337	0.1505	0.1674	0.1844	0.2014	0.2185	0.2357	0.2529	0.2701	0.2873	0.3046	17.8
21.1-23.0	23.4- 25.6	0.0286	0.0503	0.0728	0.0958	0.1193	0.1432	0.1674	0.1917	0.2162	0.2409	0.2656	0.2905	0.3154	0.3404	0.3654	0.3905	0.4157	0.4408	19.4
23.1-25.0	25.7- 27.8	0.0366	0.0647	0.0938	0.1237	0.1543	0.1853	0.2167	0.2483	0.2802	0.3122	0.3443	0.3766	0.4090	0.4414	0.4739	0.5065	0.5391	0.5718	20.8
25.1-27.0	28.0- 30.1	0.0450	0.0795	0.1152	0.1520	0.1896	0.2278	0.2664	0.3053	0.3445	0.3839	0.4235	0.4632	0.5030	0.5430	0.5830	0.6231	0.6632	0.7034	22.1
27.1-29.0	30.2- 32.4	0.0538	0.0948	0.1373	0.1811	0.2259	0.2714	0.3173	0.3637	0.4104	0.4574	0.5046	0.5519	0.5994	0.6469	0.6946	0.7424	0.7903	0.8382	23.2
29.1-31.0	32.5- 34.7	0.0630	0.1108	0.1603	0.2113	0.2634	0.3163	0.3699	0.4240	0.4784	0.5332	0.5882	0.6434	0.6987	0.7543	0.8099	0.8656	0.9215	0.9774	24.2
31.1-33.0	34.9- 37.1	0.0728	0.1276	0.1842	0.2425	0.3022	0.3629	0.4243	0.4863	0.5488	0.6116	0.6747	0.7381	0.8016	0.8654	0.9293	0.9933	1.0574	1.1217	25.1
33.1-35.0	37.2- 39.5	0.0831	0.1451	0.2091	0.2750	0.3425	0.4112	0.4807	0.5509	0.6217	0.6928	0.7644	0.8362	0.9083	0.9806	1.0530	1.1257	1.1984	1.2713	26.0
35.1-37.0	39.6- 41.8	0.0940	0.1635	0.2350	0.3088	0.3843	0.4612	0.5391	0.6178	0.6971	0.7770	0.8573	0.9379	1.0188	1.0999	1.1813	1.2629	1.3446	1.4264	26.7
37.1-39.0	42.0- 44.2	0.1055	0.1828	0.2621	0.3439	0.4277	0.5130	0.5996	0.6871	0.7753	0.8641	0.9534	1.0431	1.1332	1.2235	1.3141	1.4049	1.4960	1.5871	27.3
39.1-41.0	44.4- 46.7	0.1178	0.2030	0.2903	0.3804	0.4727	0.5667	0.6622	0.7587	0.8561	0.9542	1.0528	1.1520	1.2515	1.3513	1.4515	1.5519	1.6526	1.7534	27.9
41.1-43.0	46.8- 49.1	0.1307	0.2242	0.3197	0.4182	0.5192	0.6223	0.7269	0.8327	0.9396	1.0472	1.1555	1.2643	1.3736	1.4833	1.5934	1.7037	1.8143	1.9251	28.4
43.1-45.0	49.2- 51.6	0.1445	0.2464	0.3504	0.4575	0.5675	0.6797	0.7937	0.9091	1.0257	1.1432	1.2614	1.3802	1.4996	1.6195	1.7397	1.8603	1.9812	2.1023	28.8
45.1-47.0	51.7- 54.1	0.1590	0.2698	0.3823	0.4982	0.6173	0.7390	0.8627	0.9879	1.1144	1.2420	1.3705	1.4996	1.6294	1.7597	1.8905	2.0216	2.1531	2.2849	29.2
47.1-49.0	54.2- 56.6	0.1744	0.2942	0.4155	0.5404	0.6689	0.8002	0.9337	1.0690	1.2058	1.3438	1.4827	1.6225	1.7629	1.9040	2.0455	2.1875	2.3299	2.4727	29.6
49.1-51.0	56.7- 59.1	0.1907	0.3198	0.4500	0.5842	0.7221	0.8632	1.0068	1.1525	1.2997	1.4483	1.5980	1.7487	1.9001	2.0522	2.2048	2.3580	2.5116	2.6656	29.9
51.1-53.0	59.2- 61.7	0.2080	0.3467	0.4859	0.6294	0.7771	0.9282	1.0821	1.2382	1.3962	1.5557	1.7164	1.8782	2.0408	2.2042	2.3683	2.5329	2.6980	2.8636	30.1
53.1-55.0	61.8- 64.2	0.2263	0.3748	0.5232	0.6762	0.8337	0.9950	1.1594	1.3263	1.4952	1.6658	1.8378	2.0110	2.1851	2.3601	2.5358	2.7122	2.8891	3.0665	30.4
55.1-57.0	64.4- 66.8	0.2457	0.4042	0.5620	0.7246	0.8921	1.0638	1.2388	1.4167	1.5967	1.7787	1.9622	2.1469	2.3328	2.5197	2.7073	2.8957	3.0847	3.2743	30.6
57.1-59.0	67.0- 69.4	0.2662	0.4350	0.6023	0.7746	0.9523	1.1344	1.3203	1.5093	1.7007	1.8942	2.0894	2.2861	2.4840	2.6829	2.8828	3.0834	3.2847	3.4867	30.8
59.1-61.0	69.6- 72.1	0.2880	0.4672	0.6441	0.8263	1.0142	1.2070	1.4039	1.6042	1.8072	2.0124	2.2196	2.4283	2.6385	2.8497	3.0620	3.2752	3.4891	3.7038	30.9
61.1-63.0	72.2- 74.7	0.3109	0.5010	0.6876	0.8797	1.0779	1.2815	1.4896	1.7013	1.9161	2.1333	2.3526	2.5736	2.7962	3.0201	3.2450	3.4710	3.6978	3.9253	31.1
63.1-65.0	74.9- 77.4	0.3352	0.5362	0.7326	0.9347	1.1435	1.3580	1.5774	1.8007	2.0274	2.2567	2.4884	2.7220	2.9572	3.1938	3.4317	3.6706	3.9105	4.1513	31.2
65.1-67.0	77.5- 80.1	0.3609	0.5731	0.7794	0.9916	1.2108	1.4364	1.6672	1.9023	2.1410	2.3827	2.6269	2.8732	3.1213	3.3710	3.6220	3.8741	4.1274	4.3815	31.3
67.1-69.0	80.2- 82.8	0.3881	0.6117	0.8279	1.0502	1.2801	1.5168	1.7591	2.0062	2.2571	2.5113	2.7682	3.0274	3.2885	3.5514	3.8158	4.0814	4.3482	4.6159	31.4
69.1-71.0	82.9- 85.5	0.4168	0.6520	0.8782	1.1107	1.3513	1.5992	1.8532	2.1122	2.3755	2.6424	2.9121	3.1844	3.4588	3.7351	4.0130	4.2923	4.5728	4.8544	31.5
71.1-73.0	85.7- 88.3	0.4471	0.6941	0.9303	1.1730	1.4244	1.6835	1.9493	2.2205	2.4963	2.7759	3.0587	3.3443	3.6321	3.9220	4.2136	4.5068	4.8013	5.0970	31.5
73.1-75.0	88.4- 91.1	0.4792	0.7381	0.9843	1.2373	1.4994	1.7699	2.0475	2.3310	2.6194	2.9120	3.2079	3.5069	3.8084	4.1120	4.4175	4.7248	5.0334	5.3434	31.6
75.1-77.0	91.2- 93.9	0.5131	0.7841	1.0403	1.3035	1.5765	1.8584	2.1479	2.4437	2.7449	3.0504	3.3598	3.6723	3.9875	4.3051	4.6247	4.9462	5.2692	5.5936	31.7
77.1-79.0	94.0- 96.7	0.5489	0.8322	1.0984	1.3718	1.6556	1.9489	2.2504	2.5587	2.8726	3.1914	3.5141	3.8403	4.1695	4.5012	4.8351	5.1709	5.5085	5.8476	31.7
79.1-81.0	96.8- 99.5	0.5866	0.8824	1.1585	1.4421	1.7367	2.0415	2.3550	2.6758	3.0027	3.3347	3.6711	4.0111	4.3543	4.7002	5.0486	5.3990	5.7513	6.1052	31.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

5.0 MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 9, 11, 14

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 11. Merchantable volume (m^3) from 0.30 m stump height to 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	5.9- 7.9	0.0017	0.0030	0.0043	0.0056	0.0070	0.0084	0.0097	0.0111	0.0125	0.0139	0.0153	0.0167	0.0181	0.0195	0.0209	0.0223	0.0237	0.0251	6.3
7.1- 9.0	8.0- 10.1	0.0056	0.0098	0.0142	0.0186	0.0230	0.0274	0.0319	0.0363	0.0408	0.0453	0.0498	0.0543	0.0588	0.0633	0.0678	0.0723	0.0768	0.0813	8.2
9.1-11.0	10.2- 12.2	0.0094	0.0165	0.0238	0.0311	0.0385	0.0459	0.0534	0.0609	0.0684	0.0759	0.0834	0.0909	0.0985	0.1060	0.1136	0.1211	0.1287	0.1362	10.1
11.1-13.0	12.4- 14.4	0.0136	0.0239	0.0345	0.0452	0.0560	0.0669	0.0778	0.0888	0.0998	0.1108	0.1218	0.1329	0.1439	0.1550	0.1661	0.1771	0.1882	0.1993	11.8
13.1-15.0	14.5- 16.6	0.0183	0.0322	0.0465	0.0611	0.0758	0.0906	0.1055	0.1205	0.1355	0.1505	0.1655	0.1806	0.1957	0.2108	0.2260	0.2411	0.2562	0.2714	13.5
15.1-17.0	16.8- 18.9	0.0234	0.0414	0.0599	0.0788	0.0979	0.1171	0.1364	0.1559	0.1754	0.1949	0.2145	0.2342	0.2539	0.2735	0.2933	0.3130	0.3328	0.3525	15.1
17.1-19.0	19.0- 21.1	0.0291	0.0514	0.0746	0.0981	0.1221	0.1462	0.1705	0.1949	0.2195	0.2441	0.2687	0.2934	0.3182	0.3430	0.3678	0.3927	0.4176	0.4425	16.6
19.1-21.0	21.2- 23.4	0.0352	0.0624	0.0905	0.1192	0.1484	0.1779	0.2076	0.2375	0.2675	0.2977	0.3279	0.3582	0.3885	0.4189	0.4494	0.4799	0.5104	0.5410	18.0
21.1-23.0	23.5- 25.6	0.0419	0.0742	0.1076	0.1419	0.1768	0.2121	0.2476	0.2835	0.3195	0.3556	0.3919	0.4282	0.4647	0.5012	0.5378	0.5744	0.6111	0.6478	19.3
23.1-25.0	25.8- 27.9	0.0492	0.0869	0.1260	0.1662	0.2072	0.2486	0.2905	0.3327	0.3751	0.4177	0.4605	0.5034	0.5464	0.5896	0.6328	0.6760	0.7193	0.7627	20.5
25.1-27.0	28.0- 30.2	0.0570	0.1005	0.1457	0.1921	0.2395	0.2875	0.3361	0.3851	0.4344	0.4839	0.5336	0.5836	0.6336	0.6838	0.7340	0.7844	0.8349	0.8854	21.6
27.1-29.0	30.4- 32.6	0.0655	0.1151	0.1665	0.2195	0.2737	0.3287	0.3844	0.4405	0.4971	0.5540	0.6111	0.6684	0.7260	0.7836	0.8415	0.8994	0.9574	1.0155	22.6
29.1-31.0	32.7- 34.9	0.0746	0.1306	0.1886	0.2485	0.3098	0.3721	0.4352	0.4989	0.5632	0.6278	0.6927	0.7579	0.8233	0.8890	0.9548	1.0207	1.0867	1.1529	23.6
31.1-33.0	35.0- 37.3	0.0844	0.1471	0.2120	0.2790	0.3477	0.4177	0.4886	0.5602	0.6325	0.7052	0.7784	0.8518	0.9256	0.9996	1.0737	1.1481	1.2226	1.2973	24.4
33.1-35.0	37.4- 39.6	0.0949	0.1646	0.2366	0.3111	0.3874	0.4653	0.5444	0.6243	0.7050	0.7862	0.8679	0.9500	1.0325	1.1152	1.1982	1.2814	1.3648	1.4484	25.2
35.1-37.0	39.8- 42.0	0.1061	0.1832	0.2625	0.3446	0.4290	0.5151	0.6026	0.6911	0.7805	0.8706	0.9612	1.0524	1.1439	1.2358	1.3280	1.4204	1.5131	1.6060	26.0
37.1-39.0	42.2- 44.4	0.1182	0.2028	0.2898	0.3797	0.4723	0.5669	0.6631	0.7605	0.8590	0.9583	1.0582	1.1587	1.2597	1.3611	1.4629	1.5650	1.6673	1.7699	26.6
39.1-41.0	44.6- 46.9	0.1312	0.2236	0.3183	0.4164	0.5174	0.6207	0.7259	0.8326	0.9404	1.0492	1.1587	1.2690	1.3798	1.4910	1.6027	1.7148	1.8272	1.9398	27.2
41.1-43.0	47.0- 49.3	0.1451	0.2456	0.3483	0.4546	0.5643	0.6766	0.7910	0.9071	1.0246	1.1432	1.2627	1.3830	1.5039	1.6254	1.7474	1.8698	1.9925	2.1156	27.8
43.1-45.0	49.4- 51.8	0.1599	0.2688	0.3796	0.4944	0.6129	0.7345	0.8584	0.9842	1.1116	1.2402	1.3700	1.5006	1.6320	1.7640	1.8966	2.0297	2.1632	2.2970	28.3
45.1-47.0	51.9- 54.3	0.1758	0.2934	0.4124	0.5359	0.6634	0.7943	0.9279	1.0637	1.2013	1.3403	1.4805	1.6218	1.7639	1.9068	2.0503	2.1944	2.3390	2.4839	28.8
47.1-49.0	54.4- 56.8	0.1928	0.3192	0.4467	0.5789	0.7156	0.8561	0.9996	1.1456	1.2936	1.4432	1.5942	1.7464	1.8996	2.0536	2.2084	2.3637	2.5197	2.6761	29.2
49.1-51.0	56.9- 59.3	0.2110	0.3465	0.4826	0.6237	0.7697	0.9199	1.0735	1.2299	1.3885	1.5490	1.7110	1.8744	2.0389	2.2043	2.3706	2.5376	2.7052	2.8734	29.6
51.1-53.0	59.4- 61.8	0.2304	0.3753	0.5200	0.6701	0.8256	0.9857	1.1496	1.3165	1.4860	1.6575	1.8308	2.0056	2.1817	2.3588	2.5369	2.7158	2.8954	3.0756	30.0
53.1-55.0	61.9- 64.3	0.2511	0.4056	0.5591	0.7183	0.8833	1.0535	1.2277	1.4054	1.5859	1.7688	1.9536	2.1401	2.3279	2.5170	2.7071	2.8982	3.0900	3.2826	30.3
55.1-57.0	64.5- 66.9	0.2732	0.4376	0.5999	0.7683	0.9430	1.1232	1.3081	1.4967	1.6884	1.8827	2.0792	2.2776	2.4775	2.6787	2.8812	3.0846	3.2890	3.4942	30.6
57.1-59.0	67.0- 69.5	0.2968	0.4712	0.6425	0.8200	1.0045	1.1950	1.3905	1.5902	1.7933	1.9993	2.2077	2.4181	2.6303	2.8440	3.0589	3.2751	3.4922	3.7102	30.9
59.1-61.0	69.6- 72.1	0.3220	0.5066	0.6869	0.8737	1.0679	1.2688	1.4751	1.6860	1.9006	2.1184	2.3389	2.5616	2.7862	3.0126	3.2403	3.4693	3.6994	3.9306	31.1
61.1-63.0	72.2- 74.7	0.3489	0.5439	0.7331	0.9292	1.1333	1.3446	1.5618	1.7840	2.0103	2.2401	2.4728	2.7080	2.9453	3.1844	3.4252	3.6673	3.9106	4.1551	31.4
63.1-65.0	74.8- 77.3	0.3776	0.5832	0.7813	0.9867	1.2007	1.4225	1.6507	1.8843	2.1224	2.3643	2.6094	2.8572	3.1074	3.3595	3.6134	3.8689	4.1257	4.3837	31.6
65.1-67.0	77.5- 80.0	0.4081	0.6244	0.8316	1.0462	1.2702	1.5024	1.7417	1.9868	2.2369	2.4910	2.7486	3.0092	3.2724	3.5377	3.8050	4.0739	4.3444	4.6161	31.8
67.1-69.0	80.1- 82.6	0.4407	0.6679	0.8839	1.1078	1.3417	1.5844	1.8348	2.0916	2.3536	2.6201	2.8904	3.1640	3.4403	3.7190	3.9998	4.2824	4.5667	4.8524	31.9
69.1-71.0	82.8- 85.3	0.4753	0.7135	0.9384	1.1715	1.4153	1.6686	1.9302	2.1986	2.4727	2.7517	3.0348	3.3214	3.6110	3.9032	4.1977	4.4942	4.7925	5.0923	32.1
71.1-73.0	85.4- 88.0	0.5123	0.7615	0.9952	1.2374	1.4910	1.7549	2.0277	2.3078	2.5941	2.8857	3.1816	3.4814	3.7845	4.0903	4.3987	4.7092	5.0217	5.3359	32.3
73.1-75.0	88.1- 90.7	0.5516	0.8120	1.0542	1.3055	1.5689	1.8434	2.1274	2.4192	2.7178	3.0220	3.3310	3.6440	3.9606	4.2803	4.6027	4.9274	5.2542	5.5828	32.4
75.1-77.0	90.9- 93.5	0.5934	0.8650	1.1157	1.3760	1.6491	1.9341	2.2293	2.5330	2.8438	3.1607	3.4828	3.8092	4.1395	4.4731	4.8095	5.1486	5.4898	5.8331	32.5
77.1-79.0	93.6- 96.2	0.6380	0.9207	1.1798	1.4488	1.7316	2.0271	2.3334	2.6489	2.9721	3.3018	3.6370	3.9769	4.3209	4.6685	5.0193	5.3727	5.7286	6.0867	32.6
79.1-81.0	96.3- 99.0	0.6854	0.9792	1.2464	1.5240	1.8164	2.1223	2.4398	2.7671	3.1027	3.4451	3.7936	4.1470	4.5049	4.8667	5.2317	5.5998	5.9704	6.3434	32.7

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 12. Merchantable volume (m^3) from 0.30 m stump height to 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	8.0- 10.1	0.0021	0.0035	0.0049	0.0061	0.0073	0.0085	0.0097	0.0108	0.0119	0.0131	0.0142	0.0153	0.0164	0.0174	0.0185	0.0196	0.0207	0.0218	
9.1-11.0	10.2- 12.2	0.0072	0.0129	0.0188	0.0248	0.0310	0.0371	0.0434	0.0496	0.0559	0.0622	0.0685	0.0748	0.0811	0.0874	0.0938	0.1001	0.1064	0.1128	8.2
11.1-13.0	12.4- 14.4	0.0119	0.0213	0.0310	0.0408	0.0508	0.0609	0.0710	0.0812	0.0913	0.1015	0.1118	0.1220	0.1323	0.1425	0.1528	0.1631	0.1734	0.1837	10.1
13.1-15.0	14.5- 16.6	0.0169	0.0301	0.0437	0.0576	0.0717	0.0859	0.1002	0.1145	0.1289	0.1433	0.1578	0.1723	0.1868	0.2013	0.2158	0.2304	0.2449	0.2595	11.8
15.1-17.0	16.8- 18.9	0.0222	0.0395	0.0575	0.0758	0.0944	0.1131	0.1320	0.1510	0.1700	0.1891	0.2082	0.2273	0.2465	0.2657	0.2850	0.3042	0.3235	0.3428	13.5
17.1-19.0	19.0- 21.1	0.0280	0.0498	0.0724	0.0956	0.1190	0.1428	0.1667	0.1907	0.2148	0.2390	0.2633	0.2876	0.3119	0.3363	0.3608	0.3852	0.4097	0.4342	15.1
19.1-21.0	21.2- 23.4	0.0342	0.0609	0.0885	0.1169	0.1457	0.1748	0.2042	0.2337	0.2634	0.2932	0.3231	0.3530	0.3831	0.4131	0.4433	0.4734	0.5036	0.5338	16.6
21.1-23.0	23.5- 25.6	0.0410	0.0728	0.1059	0.1398	0.1743	0.2093	0.2445	0.2800	0.3157	0.3516	0.3876	0.4236	0.4598	0.4960	0.5323	0.5686	0.6050	0.6415	18.0
23.1-25.0	25.8- 27.9	0.0483	0.0856	0.1244	0.1642	0.2049	0.2460	0.2876	0.3295	0.3717	0.4141	0.4566	0.4992	0.5420	0.5848	0.6278	0.6708	0.7138	0.7570	19.3
25.1-27.0	28.0- 30.2	0.0562	0.0993	0.1441	0.1902	0.2373	0.2851	0.3334	0.3822	0.4312	0.4805	0.5300	0.5797	0.6295	0.6794	0.7295	0.7796	0.8298	0.8801	20.5
27.1-29.0	30.4- 32.6	0.0647	0.1139	0.1650	0.2177	0.2716	0.3264	0.3818	0.4378	0.4941	0.5508	0.6077	0.6648	0.7221	0.7796	0.8372	0.8949	0.9527	1.0106	21.6
29.1-31.0	32.7- 34.9	0.0738	0.1295	0.1872	0.2468	0.3078	0.3699	0.4328	0.4963	0.5603	0.6247	0.6895	0.7545	0.8197	0.8852	0.9507	1.0165	1.0824	1.1483	22.6
31.1-33.0	35.0- 37.3	0.0836	0.1460	0.2106	0.2774	0.3458	0.4155	0.4862	0.5577	0.6298	0.7023	0.7753	0.8486	0.9221	0.9959	1.0699	1.1441	1.2185	1.2929	23.6
33.1-35.0	37.4- 39.6	0.0942	0.1635	0.2353	0.3095	0.3856	0.4633	0.5421	0.6219	0.7024	0.7834	0.8650	0.9469	1.0292	1.1118	1.1946	1.2776	1.3609	1.4443	24.4
35.1-37.0	39.8- 42.0	0.1055	0.1821	0.2612	0.3431	0.4272	0.5131	0.6004	0.6887	0.7780	0.8679	0.9584	1.0494	1.1408	1.2325	1.3245	1.4168	1.5093	1.6020	25.2
37.1-39.0	42.2- 44.4	0.1176	0.2018	0.2885	0.3782	0.4706	0.5650	0.6610	0.7582	0.8565	0.9556	1.0555	1.1558	1.2567	1.3579	1.4595	1.5615	1.6636	1.7661	26.0
39.1-41.0	44.6- 46.9	0.1306	0.2226	0.3171	0.4149	0.5157	0.6188	0.7238	0.8303	0.9380	1.0466	1.1560	1.2661	1.3768	1.4879	1.5995	1.7114	1.8236	1.9361	26.6
41.1-43.0	47.0- 49.3	0.1444	0.2446	0.3470	0.4531	0.5626	0.6747	0.7890	0.9049	1.0222	1.1407	1.2600	1.3802	1.5010	1.6223	1.7442	1.8664	1.9891	2.1120	27.2
43.1-45.0	49.4- 51.8	0.1593	0.2679	0.3784	0.4930	0.6113	0.7326	0.8563	0.9820	1.1093	1.2378	1.3674	1.4979	1.6291	1.7610	1.8935	2.0264	2.1598	2.2936	27.8
45.1-47.0	51.9- 54.3	0.1752	0.2924	0.4112	0.5344	0.6617	0.7925	0.9259	1.0615	1.1990	1.3379	1.4780	1.6191	1.7611	1.9039	2.0473	2.1912	2.3356	2.4805	28.3
47.1-49.0	54.4- 56.8	0.1922	0.3183	0.4455	0.5775	0.7140	0.8543	0.9976	1.1435	1.2913	1.4408	1.5917	1.7438	1.8968	2.0507	2.2053	2.3606	2.5164	2.6728	28.8
49.1-51.0	56.9- 59.3	0.2104	0.3456	0.4814	0.6223	0.7681	0.9181	1.0715	1.2278	1.3862	1.5466	1.7085	1.8718	2.0361	2.2014	2.3676	2.5345	2.7020	2.8701	29.2
51.1-53.0	59.4- 61.8	0.2298	0.3744	0.5189	0.6687	0.8240	0.9839	1.1476	1.3144	1.4837	1.6551	1.8283	2.0030	2.1789	2.3560	2.5339	2.7127	2.8922	3.0723	29.6
53.1-55.0	61.9- 64.3	0.2506	0.4047	0.5580	0.7169	0.8817	1.0517	1.2258	1.4033	1.5837	1.7664	1.9511	2.1374	2.3252	2.5141	2.7042	2.8951	3.0869	3.2793	30.0
55.1-57.0	64.5- 66.9	0.2727	0.4367	0.5988	0.7669	0.9414	1.1214	1.3061	1.4946	1.6862	1.8804	2.0767	2.2750	2.4747	2.6759	2.8782	3.0816	3.2859	3.4909	30.3
57.1-59.0	67.0- 69.5	0.2963	0.4704	0.6413	0.8186	1.0029	1.1932	1.3886	1.5881	1.7911	1.9969	2.2052	2.4155	2.6276	2.8411	3.0560	3.2720	3.4890	3.7070	30.6
59.1-61.0	69.6- 72.1	0.3215	0.5058	0.6857	0.8723	1.0663	1.2670	1.4731	1.6839	1.8984	2.1161	2.3364	2.5590	2.7835	3.0097	3.2374	3.4663	3.6963	3.9273	30.9
61.1-63.0	72.2- 74.7	0.3484	0.5431	0.7320	0.9278	1.1317	1.3428	1.5598	1.7819	2.0081	2.2377	2.4703	2.7054	2.9426	3.1816	3.4222	3.6642	3.9075	4.1518	31.1
63.1-65.0	74.8- 77.3	0.3771	0.5823	0.7802	0.9853	1.1991	1.4206	1.6487	1.8822	2.1201	2.3619	2.6069	2.8546	3.1046	3.3567	3.6105	3.8658	4.1225	4.3804	31.4
65.1-67.0	77.5- 80.0	0.4076	0.6236	0.8304	1.0448	1.2685	1.5006	1.7397	1.9847	2.2346	2.4886	2.7461	3.0066	3.2696	3.5348	3.8020	4.0709	4.3412	4.6128	31.6
67.1-69.0	80.1- 82.6	0.4402	0.6670	0.8828	1.1064	1.3400	1.5826	1.8328	2.0894	2.3513	2.6177	2.8879	3.1613	3.4375	3.7161	3.9968	4.2793	4.5635	4.8491	31.8
69.1-71.0	82.8- 85.3	0.4748	0.7127	0.9373	1.1701	1.4136	1.6667	1.9281	2.1964	2.4704	2.7492	3.0322	3.3187	3.6082	3.9003	4.1947	4.4911	4.7893	5.0890	31.9
71.1-73.0	85.4- 88.0	0.5118	0.7607	0.9940	1.2360	1.4893	1.7530	2.0256	2.3056	2.5917	2.8831	3.1790	3.4787	3.7816	4.0874	4.3956	4.7061	5.0184	5.3325	32.1
73.1-75.0	88.1- 90.7	0.5511	0.8111	1.0531	1.3041	1.5672	1.8415	2.1253	2.4170	2.7154	3.0194	3.3283	3.6412	3.9577	4.2773	4.5996	4.9242	5.2509	5.5794	32.3
75.1-77.0	90.9- 93.5	0.5930	0.8641	1.1146	1.3745	1.6474	1.9322	2.2272	2.5307	2.8414	3.1581	3.4800	3.8064	4.1365	4.4700	4.8064	5.1453	5.4865	5.8297	32.4
77.1-79.0	93.6- 96.2	0.6375	0.9198	1.1786	1.4473	1.7298	2.0251	2.3313	2.6466	2.9696	3.2991	3.6342	3.9740	4.3179	4.6654	5.0160	5.3694	5.7252	6.0832	32.5
79.1-81.0	96.3- 99.0	0.6849	0.9784	1.2452	1.5225	1.8146	2.1203	2.4377	2.7648	3.1001	3.4425	3.7908	4.1441	4.5019	4.8635	5.2285	5.5964	5.9670	6.3398	32.6
																				32.7

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 13. Merchantable volume (m^3) from 0.30 m stump height to 10.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.4- 14.4	0.0064	0.0110	0.0157	0.0203	0.0251	0.0298	0.0346	0.0394	0.0442	0.0491	0.0540	0.0589	0.0638	0.0687	0.0736	0.0786	0.0835	0.0885	11.8
13.1-15.0	14.5- 16.6	0.0125	0.0225	0.0330	0.0439	0.0550	0.0663	0.0777	0.0891	0.1007	0.1123	0.1239	0.1356	0.1473	0.1591	0.1708	0.1826	0.1944	0.2062	13.5
15.1-17.0	16.8- 18.9	0.0186	0.0335	0.0491	0.0652	0.0817	0.0983	0.1151	0.1320	0.1490	0.1661	0.1832	0.2004	0.2176	0.2348	0.2521	0.2694	0.2867	0.3040	15.1
17.1-19.0	19.0- 21.1	0.0249	0.0446	0.0654	0.0868	0.1085	0.1306	0.1529	0.1753	0.1978	0.2204	0.2431	0.2658	0.2886	0.3115	0.3344	0.3573	0.3802	0.4032	16.6
19.1-21.0	21.2- 23.4	0.0315	0.0563	0.0824	0.1092	0.1366	0.1644	0.1924	0.2206	0.2489	0.2774	0.3060	0.3346	0.3634	0.3921	0.4210	0.4498	0.4787	0.5077	18.0
21.1-23.0	23.5- 25.6	0.0385	0.0687	0.1003	0.1330	0.1662	0.2000	0.2341	0.2684	0.3030	0.3377	0.3726	0.4075	0.4426	0.4777	0.5129	0.5481	0.5834	0.6188	19.3
23.1-25.0	25.8- 27.9	0.0460	0.0819	0.1193	0.1580	0.1975	0.2376	0.2782	0.3191	0.3603	0.4016	0.4432	0.4848	0.5266	0.5685	0.6105	0.6525	0.6947	0.7368	20.5
25.1-27.0	28.0- 30.2	0.0540	0.0958	0.1394	0.1845	0.2306	0.2774	0.3248	0.3726	0.4207	0.4692	0.5178	0.5666	0.6155	0.6646	0.7138	0.7631	0.8125	0.8619	21.6
27.1-29.0	30.4- 32.6	0.0627	0.1106	0.1607	0.2124	0.2653	0.3192	0.3738	0.4289	0.4844	0.5403	0.5964	0.6528	0.7093	0.7660	0.8228	0.8798	0.9368	0.9940	22.6
29.1-31.0	32.7- 34.9	0.0719	0.1264	0.1831	0.2417	0.3019	0.3631	0.4253	0.4880	0.5513	0.6150	0.6790	0.7433	0.8078	0.8725	0.9374	1.0025	1.0677	1.1329	23.6
31.1-33.0	35.0- 37.3	0.0818	0.1430	0.2067	0.2725	0.3402	0.4091	0.4791	0.5499	0.6213	0.6931	0.7654	0.8381	0.9110	0.9841	1.0575	1.1310	1.2047	1.2786	24.4
33.1-35.0	37.4- 39.6	0.0924	0.1607	0.2315	0.3048	0.3802	0.4572	0.5353	0.6144	0.6942	0.7747	0.8556	0.9370	1.0186	1.1006	1.1829	1.2653	1.3480	1.4308	25.2
35.1-37.0	39.8- 42.0	0.1038	0.1794	0.2576	0.3386	0.4220	0.5072	0.5939	0.6816	0.7702	0.8595	0.9495	1.0399	1.1307	1.2219	1.3134	1.4051	1.4971	1.5893	26.0
37.1-39.0	42.2- 44.4	0.1160	0.1992	0.2849	0.3739	0.4655	0.5593	0.6547	0.7514	0.8491	0.9476	1.0469	1.1467	1.2471	1.3478	1.4489	1.5503	1.6520	1.7539	26.6
39.1-41.0	44.6- 46.9	0.1290	0.2201	0.3136	0.4107	0.5108	0.6133	0.7178	0.8237	0.9308	1.0389	1.1478	1.2574	1.3675	1.4782	1.5893	1.7007	1.8124	1.9245	27.2
41.1-43.0	47.0- 49.3	0.1430	0.2422	0.3437	0.4491	0.5579	0.6694	0.7831	0.8985	1.0153	1.1332	1.2521	1.3717	1.4921	1.6129	1.7343	1.8561	1.9783	2.1008	27.8
43.1-45.0	49.4- 51.8	0.1579	0.2655	0.3752	0.4890	0.6067	0.7274	0.8506	0.9757	1.1025	1.2305	1.3596	1.4897	1.6205	1.7519	1.8839	2.0165	2.1494	2.2827	28.3
45.1-47.0	51.9- 54.3	0.1738	0.2901	0.4081	0.5306	0.6572	0.7874	0.9203	1.0554	1.1923	1.3307	1.4704	1.6111	1.7527	1.8950	2.0380	2.1815	2.3256	2.4700	28.8
47.1-49.0	54.4- 56.8	0.1909	0.3160	0.4425	0.5737	0.7096	0.8493	0.9921	1.1374	1.2848	1.4339	1.5843	1.7359	1.8886	2.0421	2.1963	2.3512	2.5066	2.6625	29.2
49.1-51.0	56.9- 59.3	0.2091	0.3434	0.4784	0.6185	0.7637	0.9132	1.0661	1.2218	1.3798	1.5398	1.7013	1.8641	2.0281	2.1930	2.3588	2.5253	2.6924	2.8601	29.6
51.1-53.0	59.4- 61.8	0.2285	0.3722	0.5159	0.6650	0.8197	0.9790	1.1422	1.3085	1.4774	1.6484	1.8212	1.9955	2.1710	2.3477	2.5252	2.7037	2.8828	3.0626	30.0
53.1-55.0	61.9- 64.3	0.2493	0.4026	0.5550	0.7133	0.8775	1.0469	1.2205	1.3976	1.5775	1.7598	1.9441	2.1300	2.3174	2.5060	2.6956	2.8862	3.0776	3.2697	30.3
55.1-57.0	64.5- 66.9	0.2715	0.4346	0.5959	0.7633	0.9372	1.1167	1.3009	1.4889	1.6800	1.8738	2.0698	2.2676	2.4671	2.6679	2.8698	3.0728	3.2768	3.4815	30.6
57.1-59.0	67.0- 69.5	0.2951	0.4683	0.6385	0.8151	0.9987	1.1885	1.3834	1.5824	1.7850	1.9904	2.1983	2.4082	2.6199	2.8332	3.0477	3.2634	3.4801	3.6977	30.9
59.1-61.0	69.6- 72.1	0.3204	0.5038	0.6829	0.8688	1.0622	1.2623	1.4680	1.6783	1.8924	2.1096	2.3296	2.5518	2.7760	3.0018	3.2291	3.4577	3.6874	3.9181	31.1
61.1-63.0	72.2- 74.7	0.3473	0.5411	0.7292	0.9243	1.1276	1.3382	1.5547	1.7763	2.0021	2.2313	2.4635	2.6982	2.9351	3.1738	3.4141	3.6558	3.8987	4.1427	31.4
63.1-65.0	74.8- 77.3	0.3759	0.5804	0.7774	0.9819	1.1951	1.4160	1.6436	1.8766	2.1142	2.3556	2.6002	2.8475	3.0972	3.3489	3.6024	3.8574	4.1138	4.3714	31.6
65.1-67.0	77.5- 80.0	0.4065	0.6217	0.8277	1.0414	1.2645	1.4960	1.7346	1.9791	2.2286	2.4822	2.7394	2.9995	3.2622	3.5271	3.7940	4.0625	4.3325	4.6039	31.8
67.1-69.0	80.1- 82.6	0.4391	0.6651	0.8801	1.1030	1.3360	1.5780	1.8278	2.0839	2.3454	2.6114	2.8812	3.1542	3.4301	3.7084	3.9888	4.2710	4.5549	4.8402	31.9
69.1-71.0	82.8- 85.3	0.4738	0.7108	0.9346	1.1667	1.4096	1.6622	1.9231	2.1909	2.4644	2.7429	3.0255	3.3116	3.6008	3.8926	4.1867	4.4828	4.7807	5.0801	32.1
71.1-73.0	85.4- 88.0	0.5107	0.7588	0.9914	1.2326	1.4853	1.7485	2.0206	2.3001	2.5858	2.8768	3.1723	3.4716	3.7742	4.0797	4.3876	4.6978	5.0098	5.3236	32.3
73.1-75.0	88.1- 90.7	0.5501	0.8093	1.0504	1.3007	1.5633	1.8370	2.1202	2.4115	2.7095	3.0131	3.3216	3.6342	3.9504	4.2696	4.5916	4.9159	5.2423	5.5705	32.4
75.1-77.0	90.9- 93.5	0.5919	0.8623	1.1120	1.3712	1.6434	1.9277	2.2221	2.5252	2.8354	3.1518	3.4733	3.7993	4.1292	4.4623	4.7984	5.1370	5.4779	5.8208	32.5
77.1-79.0	93.6- 96.2	0.6365	0.9180	1.1760	1.4440	1.7259	2.0206	2.3262	2.6411	2.9637	3.2928	3.6275	3.9670	4.3105	4.6577	5.0080	5.3611	5.7166	6.0743	32.6
79.1-81.0	96.3- 99.0	0.6839	0.9766	1.2426	1.5192	1.8106	2.1158	2.4326	2.7592	3.0942	3.4361	3.7840	4.1370	4.4945	4.8558	5.2204	5.5881	5.9583	6.3309	32.7

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 14. Merchantable volume (m^3) from 0.30 m stump height to 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.4- 14.4	0.0037	0.0057	0.0070	0.0081	0.0090	0.0098	0.0106	0.0114	0.0121	0.0129	0.0137	0.0145	0.0153	0.0161	0.0169	0.0177	0.0185	0.0194	11.8
13.1-15.0	14.5- 16.6	0.0103	0.0182	0.0264	0.0349	0.0436	0.0524	0.0613	0.0704	0.0795	0.0887	0.0979	0.1072	0.1165	0.1259	0.1352	0.1446	0.1540	0.1635	13.5
15.1-17.0	16.8- 18.9	0.0168	0.0302	0.0443	0.0589	0.0738	0.0890	0.1044	0.1199	0.1355	0.1512	0.1670	0.1828	0.1986	0.2145	0.2304	0.2463	0.2623	0.2782	15.1
17.1-19.0	19.0- 21.1	0.0233	0.0419	0.0615	0.0818	0.1025	0.1235	0.1447	0.1661	0.1876	0.2092	0.2309	0.2527	0.2745	0.2964	0.3182	0.3402	0.3621	0.3841	16.6
19.1-21.0	21.2- 23.4	0.0301	0.0540	0.0791	0.1051	0.1316	0.1585	0.1857	0.2130	0.2406	0.2683	0.2961	0.3239	0.3519	0.3799	0.4079	0.4360	0.4642	0.4923	18.0
21.1-23.0	23.5- 25.6	0.0373	0.0667	0.0975	0.1293	0.1619	0.1949	0.2283	0.2620	0.2959	0.3300	0.3641	0.3984	0.4328	0.4673	0.5019	0.5365	0.5711	0.6058	19.3
23.1-25.0	25.8- 27.9	0.0449	0.0800	0.1168	0.1548	0.1936	0.2331	0.2731	0.3134	0.3540	0.3948	0.4358	0.4769	0.5181	0.5594	0.6008	0.6423	0.6839	0.7255	20.5
25.1-27.0	28.0- 30.2	0.0530	0.0941	0.1371	0.1815	0.2270	0.2733	0.3202	0.3675	0.4151	0.4630	0.5111	0.5595	0.6079	0.6565	0.7052	0.7540	0.8029	0.8518	21.6
27.1-29.0	30.4- 32.6	0.0617	0.1090	0.1585	0.2096	0.2621	0.3155	0.3696	0.4242	0.4793	0.5347	0.5904	0.6463	0.7024	0.7586	0.8150	0.8715	0.9282	0.9849	22.6
29.1-31.0	32.7- 34.9	0.0710	0.1249	0.1810	0.2392	0.2988	0.3597	0.4213	0.4837	0.5465	0.6098	0.6734	0.7373	0.8014	0.8658	0.9303	0.9949	1.0597	1.1246	23.6
31.1-33.0	35.0- 37.3	0.0810	0.1416	0.2047	0.2701	0.3373	0.4059	0.4754	0.5458	0.6168	0.6883	0.7602	0.8325	0.9050	0.9778	1.0508	1.1240	1.1974	1.2709	24.4
33.1-35.0	37.4- 39.6	0.0916	0.1594	0.2296	0.3025	0.3775	0.4541	0.5318	0.6106	0.6900	0.7701	0.8507	0.9317	1.0131	1.0947	1.1766	1.2587	1.3411	1.4235	25.2
35.1-37.0	39.8- 42.0	0.1031	0.1781	0.2558	0.3364	0.4194	0.5043	0.5905	0.6779	0.7662	0.8552	0.9448	1.0349	1.1254	1.2163	1.3075	1.3989	1.4906	1.5825	26.0
37.1-39.0	42.2- 44.4	0.1153	0.1980	0.2833	0.3718	0.4631	0.5564	0.6515	0.7479	0.8453	0.9435	1.0425	1.1420	1.2420	1.3425	1.4433	1.5444	1.6458	1.7475	26.6
39.1-41.0	44.6- 46.9	0.1283	0.2189	0.3120	0.4087	0.5084	0.6106	0.7147	0.8203	0.9271	1.0349	1.1436	1.2529	1.3628	1.4731	1.5839	1.6951	1.8066	1.9184	27.2
41.1-43.0	47.0- 49.3	0.1423	0.2410	0.3421	0.4471	0.5556	0.6667	0.7801	0.8952	1.0117	1.1294	1.2480	1.3674	1.4875	1.6081	1.7292	1.8508	1.9727	2.0950	27.8
43.1-45.0	49.4- 51.8	0.1572	0.2644	0.3736	0.4871	0.6044	0.7248	0.8477	0.9726	1.0990	1.2268	1.3557	1.4855	1.6160	1.7472	1.8790	2.0113	2.1440	2.2771	28.3
45.1-47.0	51.9- 54.3	0.1732	0.2890	0.4066	0.5287	0.6550	0.7849	0.9175	1.0523	1.1890	1.3272	1.4666	1.6070	1.7484	1.8905	2.0332	2.1765	2.3204	2.4646	28.8
47.1-49.0	54.4- 56.8	0.1903	0.3150	0.4410	0.5719	0.7074	0.8469	0.9894	1.1345	1.2816	1.4304	1.5806	1.7320	1.8844	2.0377	2.1917	2.3463	2.5016	2.6573	29.2
49.1-51.0	56.9- 59.3	0.2085	0.3424	0.4770	0.6168	0.7616	0.9108	1.0634	1.2189	1.3767	1.5364	1.6976	1.8603	2.0240	2.1887	2.3543	2.5206	2.6875	2.8550	29.6
51.1-53.0	59.4- 61.8	0.2280	0.3713	0.5145	0.6633	0.8176	0.9767	1.1396	1.3057	1.4743	1.6451	1.8177	1.9917	2.1671	2.3435	2.5209	2.6991	2.8780	3.0576	30.0
53.1-55.0	61.9- 64.3	0.2488	0.4017	0.5537	0.7116	0.8755	1.0446	1.2179	1.3948	1.5745	1.7565	1.9406	2.1263	2.3135	2.5019	2.6914	2.8818	3.0730	3.2649	30.3
55.1-57.0	64.5- 66.9	0.2709	0.4337	0.5946	0.7616	0.9352	1.1144	1.2984	1.4861	1.6771	1.8706	2.0664	2.2640	2.4632	2.6639	2.8656	3.0685	3.2722	3.4767	30.6
57.1-59.0	67.0- 69.5	0.2946	0.4674	0.6372	0.8135	0.9968	1.1863	1.3809	1.5797	1.7821	1.9873	2.1950	2.4047	2.6162	2.8292	3.0436	3.2591	3.4756	3.6930	30.9
59.1-61.0	69.6- 72.1	0.3199	0.5029	0.6816	0.8672	1.0603	1.2601	1.4655	1.6756	1.8895	2.1065	2.3263	2.5483	2.7723	2.9980	3.2251	3.4535	3.6830	3.9136	31.1
61.1-63.0	72.2- 74.7	0.3468	0.5402	0.7280	0.9228	1.1258	1.3360	1.5523	1.7737	1.9992	2.2283	2.4603	2.6948	2.9314	3.1699	3.4101	3.6516	3.8944	4.1382	31.4
63.1-65.0	74.8- 77.3	0.3755	0.5795	0.7762	0.9803	1.1932	1.4139	1.6412	1.8740	2.1114	2.3525	2.5969	2.8441	3.0936	3.3451	3.5984	3.8533	4.1095	4.3669	31.6
65.1-67.0	77.5- 80.0	0.4061	0.6208	0.8265	1.0399	1.2627	1.4939	1.7322	1.9765	2.2258	2.4792	2.7362	2.9961	3.2586	3.5234	3.7901	4.0584	4.3283	4.5995	31.8
67.1-69.0	80.1- 82.6	0.4386	0.6643	0.8789	1.1015	1.3342	1.5759	1.8254	2.0813	2.3426	2.6084	2.8780	3.1509	3.4266	3.7047	3.9849	4.2670	4.5507	4.8358	31.9
69.1-71.0	82.8- 85.3	0.4733	0.7100	0.9334	1.1652	1.4078	1.6601	1.9207	2.1883	2.4617	2.7399	3.0224	3.3083	3.5973	3.8889	4.1828	4.4788	4.7765	5.0758	32.1
71.1-73.0	85.4- 88.0	0.5103	0.7580	0.9902	1.2311	1.4835	1.7464	2.0182	2.2975	2.5831	2.8739	3.1692	3.4683	3.7708	4.0760	4.3838	4.6938	5.0057	5.3193	32.3
73.1-75.0	88.1- 90.7	0.5496	0.8085	1.0493	1.2993	1.5615	1.8349	2.1179	2.4090	2.7067	3.0102	3.3185	3.6309	3.9469	4.2660	4.5878	4.9119	5.2382	5.5663	32.4
75.1-77.0	90.9- 93.5	0.5915	0.8615	1.1108	1.3697	1.6417	1.9256	2.2198	2.5226	2.8327	3.1489	3.4702	3.7961	4.1257	4.4587	4.7946	5.1331	5.4738	5.8166	32.5
77.1-79.0	93.6- 96.2	0.6361	0.9173	1.1748	1.4425	1.7241	2.0185	2.3239	2.6386	2.9609	3.2899	3.6244	3.9637	4.3071	4.6541	5.0043	5.3572	5.7126	6.0701	32.6
79.1-81.0	96.3- 99.0	0.6835	0.9758	1.2414	1.5177	1.8089	2.1137	2.4303	2.7567	3.0915	3.4332	3.7809	4.1338	4.4910	4.8522	5.2167	5.5842	5.9543	6.3267	32.7

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 15. Merchantable volume (m^3) from 0.30 m stump height to 13.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
13.1-15.0	14.5- 16.6	0.0050	0.0074	0.0089	0.0100	0.0108	0.0116	0.0123	0.0130	0.0137	0.0145	0.0153	0.0161	0.0169	0.0177	0.0186	0.0194	0.0203	0.0212	13.5
15.1-17.0	16.8- 18.9	0.0122	0.0211	0.0301	0.0391	0.0484	0.0577	0.0672	0.0768	0.0864	0.0962	0.1060	0.1158	0.1257	0.1356	0.1456	0.1556	0.1656	0.1757	15.1
17.1-19.0	19.0- 21.1	0.0194	0.0346	0.0504	0.0670	0.0840	0.1013	0.1189	0.1368	0.1548	0.1729	0.1911	0.2095	0.2278	0.2463	0.2648	0.2833	0.3019	0.3205	16.6
19.1-21.0	21.2- 23.4	0.0267	0.0478	0.0700	0.0931	0.1169	0.1411	0.1656	0.1904	0.2154	0.2405	0.2658	0.2912	0.3166	0.3421	0.3677	0.3933	0.4190	0.4447	18.0
21.1-23.0	23.5- 25.6	0.0343	0.0612	0.0896	0.1192	0.1495	0.1804	0.2117	0.2433	0.2751	0.3071	0.3393	0.3716	0.4040	0.4365	0.4691	0.5017	0.5344	0.5671	19.3
23.1-25.0	25.8- 27.9	0.0422	0.0751	0.1098	0.1459	0.1828	0.2205	0.2587	0.2972	0.3361	0.3752	0.4145	0.4539	0.4935	0.5331	0.5729	0.6127	0.6526	0.6926	20.5
25.1-27.0	28.0- 30.2	0.0505	0.0897	0.1308	0.1735	0.2174	0.2620	0.3074	0.3531	0.3993	0.4457	0.4924	0.5392	0.5862	0.6334	0.6807	0.7280	0.7755	0.8230	21.6
27.1-29.0	30.4- 32.6	0.0594	0.1050	0.1527	0.2023	0.2533	0.3052	0.3580	0.4112	0.4650	0.5191	0.5735	0.6281	0.6829	0.7379	0.7930	0.8483	0.9037	0.9591	22.6
29.1-31.0	32.7- 34.9	0.0689	0.1211	0.1757	0.2324	0.2907	0.3502	0.4106	0.4718	0.5334	0.5955	0.6580	0.7207	0.7837	0.8469	0.9102	0.9738	1.0374	1.1012	23.6
31.1-33.0	35.0- 37.3	0.0790	0.1381	0.1997	0.2638	0.3297	0.3971	0.4655	0.5347	0.6046	0.6751	0.7459	0.8171	0.8887	0.9604	1.0324	1.1046	1.1769	1.2494	24.4
33.1-35.0	37.4- 39.6	0.0897	0.1560	0.2249	0.2966	0.3704	0.4458	0.5225	0.6002	0.6787	0.7578	0.8374	0.9174	0.9978	1.0785	1.1595	1.2407	1.3220	1.4036	25.2
35.1-37.0	39.8- 42.0	0.1012	0.1750	0.2513	0.3308	0.4126	0.4964	0.5817	0.6681	0.7555	0.8436	0.9323	1.0215	1.1111	1.2011	1.2914	1.3820	1.4728	1.5638	26.0
37.1-39.0	42.2- 44.4	0.1135	0.1949	0.2790	0.3664	0.4566	0.5490	0.6431	0.7386	0.8351	0.9325	1.0306	1.1293	1.2285	1.3281	1.4281	1.5285	1.6291	1.7299	26.6
39.1-41.0	44.6- 46.9	0.1267	0.2160	0.3079	0.4035	0.5022	0.6035	0.7067	0.8114	0.9174	1.0244	1.1322	1.2408	1.3499	1.4595	1.5695	1.6799	1.7907	1.9017	27.2
41.1-43.0	47.0- 49.3	0.1407	0.2382	0.3382	0.4421	0.5496	0.6599	0.7724	0.8867	1.0024	1.1193	1.2371	1.3558	1.4751	1.5950	1.7155	1.8363	1.9575	2.0791	27.8
43.1-45.0	49.4- 51.8	0.1557	0.2617	0.3698	0.4823	0.5987	0.7182	0.8403	0.9643	1.0901	1.2171	1.3453	1.4743	1.6042	1.7347	1.8658	1.9975	2.1295	2.2619	28.3
45.1-47.0	51.9- 54.3	0.1717	0.2864	0.4029	0.5240	0.6495	0.7784	0.9103	1.0444	1.1803	1.3178	1.4565	1.5963	1.7370	1.8784	2.0205	2.1632	2.3064	2.4500	28.8
47.1-49.0	54.4- 56.8	0.1889	0.3125	0.4374	0.5674	0.7020	0.8406	0.9824	1.1267	1.2731	1.4213	1.5708	1.7216	1.8734	2.0260	2.1794	2.3335	2.4881	2.6432	29.2
49.1-51.0	56.9- 59.3	0.2071	0.3399	0.4735	0.6123	0.7564	0.9047	1.0566	1.2114	1.3685	1.5275	1.6882	1.8502	2.0133	2.1774	2.3424	2.5081	2.6745	2.8414	29.6
51.1-53.0	59.4- 61.8	0.2266	0.3689	0.5111	0.6590	0.8125	0.9708	1.1330	1.2984	1.4663	1.6365	1.8084	1.9819	2.1566	2.3325	2.5093	2.6870	2.8654	3.0444	30.0
53.1-55.0	61.9- 64.3	0.2475	0.3993	0.5504	0.7074	0.8704	1.0388	1.2114	1.3876	1.5667	1.7481	1.9316	2.1167	2.3034	2.4912	2.6801	2.8700	3.0607	3.2521	30.3
55.1-57.0	64.5- 66.9	0.2697	0.4314	0.5913	0.7575	0.9303	1.1087	1.2920	1.4791	1.6694	1.8624	2.0576	2.2546	2.4533	2.6534	2.8547	3.0570	3.2602	3.4642	30.6
57.1-59.0	67.0- 69.5	0.2934	0.4652	0.6340	0.8094	0.9919	1.1807	1.3746	1.5728	1.7745	1.9792	2.1863	2.3955	2.6065	2.8190	3.0328	3.2478	3.4639	3.6808	30.9
59.1-61.0	69.6- 72.1	0.3187	0.5007	0.6785	0.8632	1.0555	1.2546	1.4594	1.6688	1.8821	2.0986	2.3178	2.5393	2.7627	2.9879	3.2145	3.4425	3.6715	3.9016	31.1
61.1-63.0	72.2- 74.7	0.3456	0.5381	0.7249	0.9188	1.1211	1.3306	1.5462	1.7670	1.9919	2.2204	2.4519	2.6859	2.9220	3.1601	3.3997	3.6408	3.8831	4.1265	31.4
63.1-65.0	74.8- 77.3	0.3743	0.5774	0.7732	0.9765	1.1886	1.4086	1.6352	1.8674	2.1042	2.3448	2.5887	2.8353	3.0843	3.3354	3.5882	3.8426	4.0984	4.3554	31.6
65.1-67.0	77.5- 80.0	0.4050	0.6188	0.8235	1.0361	1.2581	1.4886	1.7263	1.9700	2.2187	2.4716	2.7280	2.9875	3.2495	3.5138	3.7800	4.0479	4.3174	4.5881	31.8
67.1-69.0	80.1- 82.6	0.4376	0.6623	0.8760	1.0977	1.3297	1.5707	1.8196	2.0749	2.3356	2.6008	2.8699	3.1423	3.4175	3.6952	3.9750	4.2566	4.5399	4.8246	31.9
69.1-71.0	82.8- 85.3	0.4723	0.7080	0.9305	1.1615	1.4033	1.6550	1.9150	2.1819	2.4547	2.7325	3.0144	3.2998	3.5884	3.8795	4.1730	4.4685	4.7658	5.0647	32.1
71.1-73.0	85.4- 88.0	0.5093	0.7561	0.9874	1.2275	1.4791	1.7413	2.0125	2.2912	2.5762	2.8665	3.1613	3.4599	3.7619	4.0667	4.3741	4.6837	4.9952	5.3084	32.3
73.1-75.0	88.1- 90.7	0.5486	0.8066	1.0465	1.2957	1.5571	1.8299	2.1122	2.4027	2.6999	3.0029	3.3106	3.6226	3.9381	4.2568	4.5781	4.9019	5.2277	5.5554	32.4
75.1-77.0	90.9- 93.5	0.5905	0.8597	1.1081	1.3661	1.6373	1.9206	2.2142	2.5164	2.8259	3.1416	3.4624	3.7878	4.1170	4.4496	4.7850	5.1231	5.4634	5.8058	32.5
77.1-79.0	93.6- 96.2	0.6351	0.9154	1.1721	1.4390	1.7198	2.0136	2.3183	2.6324	2.9542	3.2826	3.6166	3.9555	4.2984	4.6450	4.9948	5.3473	5.7022	6.0594	32.6
79.1-81.0	96.3- 99.0	0.6825	0.9740	1.2388	1.5142	1.8046	2.1088	2.4247	2.7506	3.0848	3.4260	3.7732	4.1256	4.4824	4.8431	5.2072	5.5743	5.9440	6.3161	32.7

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 16. Merchantable volume (m^3) from 0.30 m stump height to 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.8- 18.9	0.0067	0.0097	0.0115	0.0125	0.0133	0.0140	0.0146	0.0153	0.0160	0.0168	0.0175	0.0183	0.0192	0.0201	0.0210	0.0219	0.0228	0.0237	15.1
17.1-19.0	19.0- 21.1	0.0145	0.0244	0.0340	0.0434	0.0529	0.0623	0.0717	0.0812	0.0907	0.1002	0.1097	0.1192	0.1288	0.1383	0.1479	0.1575	0.1671	0.1767	16.6
19.1-21.0	21.2- 23.4	0.0224	0.0392	0.0566	0.0746	0.0932	0.1123	0.1317	0.1514	0.1713	0.1914	0.2117	0.2321	0.2526	0.2732	0.2939	0.3146	0.3354	0.3562	18.0
21.1-23.0	23.5- 25.6	0.0304	0.0538	0.0784	0.1040	0.1304	0.1575	0.1851	0.2130	0.2412	0.2697	0.2983	0.3270	0.3559	0.3849	0.4140	0.4432	0.4724	0.5017	19.3
23.1-25.0	25.8- 27.9	0.0387	0.0686	0.1000	0.1329	0.1667	0.2014	0.2366	0.2722	0.3082	0.3444	0.3809	0.4175	0.4543	0.4912	0.5282	0.5653	0.6025	0.6398	20.5
25.1-27.0	28.0- 30.2	0.0474	0.0838	0.1221	0.1621	0.2033	0.2454	0.2882	0.3315	0.3753	0.4193	0.4636	0.5082	0.5529	0.5977	0.6427	0.6878	0.7330	0.7782	21.6
27.1-29.0	30.4- 32.6	0.0565	0.0996	0.1449	0.1920	0.2407	0.2904	0.3409	0.3921	0.4438	0.4958	0.5482	0.6008	0.6536	0.7066	0.7598	0.8130	0.8665	0.9200	22.6
29.1-31.0	32.7- 34.9	0.0662	0.1161	0.1684	0.2230	0.2792	0.3367	0.3952	0.4545	0.5143	0.5745	0.6352	0.6962	0.7574	0.8188	0.8804	0.9422	1.0042	1.0662	23.6
31.1-33.0	35.0- 37.3	0.0764	0.1335	0.1930	0.2551	0.3191	0.3847	0.4513	0.5189	0.5871	0.6559	0.7251	0.7948	0.8647	0.9349	1.0053	1.0759	1.1467	1.2176	24.4
33.1-35.0	37.4- 39.6	0.0873	0.1517	0.2186	0.2884	0.3605	0.4342	0.5093	0.5855	0.6624	0.7400	0.8182	0.8968	0.9757	1.0550	1.1345	1.2143	1.2943	1.3744	25.2
35.1-37.0	39.8- 42.0	0.0990	0.1708	0.2454	0.3231	0.4033	0.4856	0.5694	0.6544	0.7403	0.8270	0.9144	1.0022	1.0905	1.1792	1.2682	1.3575	1.4470	1.5367	26.0
37.1-39.0	42.2- 44.4	0.1114	0.1910	0.2734	0.3591	0.4478	0.5387	0.6315	0.7256	0.8208	0.9169	1.0137	1.1112	1.2092	1.3076	1.4064	1.5055	1.6049	1.7046	26.6
39.1-41.0	44.6- 46.9	0.1246	0.2123	0.3025	0.3966	0.4939	0.5937	0.6956	0.7991	0.9038	1.0096	1.1163	1.2236	1.3316	1.4401	1.5490	1.6583	1.7679	1.8779	27.2
41.1-43.0	47.0- 49.3	0.1388	0.2347	0.3330	0.4355	0.5416	0.6505	0.7618	0.8749	0.9895	1.1052	1.2220	1.3395	1.4578	1.5766	1.6960	1.8158	1.9360	2.0565	27.8
43.1-45.0	49.4- 51.8	0.1538	0.2583	0.3649	0.4759	0.5910	0.7092	0.8301	0.9530	1.0777	1.2036	1.3307	1.4588	1.5876	1.7172	1.8473	1.9779	2.1090	2.2404	28.3
45.1-47.0	51.9- 54.3	0.1699	0.2831	0.3981	0.5179	0.6420	0.7698	0.9005	1.0335	1.1684	1.3048	1.4426	1.5814	1.7211	1.8616	2.0027	2.1445	2.2868	2.4295	28.8
47.1-49.0	54.4- 56.8	0.1871	0.3093	0.4328	0.5614	0.6948	0.8323	0.9729	1.1162	1.2616	1.4088	1.5574	1.7072	1.8581	2.0098	2.1623	2.3155	2.4692	2.6235	29.2
49.1-51.0	56.9- 59.3	0.2055	0.3369	0.4690	0.6066	0.7494	0.8966	1.0475	1.2012	1.3573	1.5154	1.6752	1.8362	1.9985	2.1618	2.3259	2.4908	2.6563	2.8224	29.6
51.1-53.0	59.4- 61.8	0.2250	0.3659	0.5068	0.6534	0.8057	0.9629	1.1241	1.2885	1.4555	1.6247	1.7958	1.9684	2.1423	2.3174	2.4934	2.6702	2.8478	3.0260	30.0
53.1-55.0	61.9- 64.3	0.2459	0.3964	0.5462	0.7019	0.8638	1.0311	1.2027	1.3780	1.5561	1.7367	1.9193	2.1036	2.2894	2.4765	2.6646	2.8537	3.0436	3.2343	30.3
55.1-57.0	64.5- 66.9	0.2682	0.4286	0.5872	0.7521	0.9238	1.1012	1.2835	1.4697	1.6591	1.8512	2.0456	2.2419	2.4398	2.6391	2.8396	3.0411	3.2436	3.4469	30.6
57.1-59.0	67.0- 69.5	0.2919	0.4624	0.6300	0.8042	0.9856	1.1734	1.3663	1.5636	1.7645	1.9683	2.1746	2.3830	2.5932	2.8050	3.0181	3.2324	3.4477	3.6639	30.9
59.1-61.0	69.6- 72.1	0.3172	0.4980	0.6746	0.8581	1.0493	1.2474	1.4513	1.6598	1.8722	2.0879	2.3063	2.5271	2.7498	2.9742	3.2002	3.4274	3.6558	3.8851	31.1
61.1-63.0	72.2- 74.7	0.3442	0.5355	0.7211	0.9139	1.1150	1.3235	1.5383	1.7581	1.9823	2.2100	2.4407	2.6739	2.9094	3.1467	3.3856	3.6260	3.8676	4.1104	31.4
63.1-65.0	74.8- 77.3	0.3730	0.5749	0.7695	0.9716	1.1826	1.4016	1.6274	1.8587	2.0947	2.3345	2.5776	2.8236	3.0719	3.3222	3.5744	3.8281	4.0833	4.3396	31.6
65.1-67.0	77.5- 80.0	0.4036	0.6163	0.8199	1.0313	1.2522	1.4818	1.7186	1.9615	2.2094	2.4615	2.7172	2.9759	3.2373	3.5009	3.7664	4.0337	4.3025	4.5727	31.8
67.1-69.0	80.1- 82.6	0.4363	0.6598	0.8723	1.0930	1.3239	1.5640	1.8120	2.0664	2.3264	2.5909	2.8593	3.1309	3.4055	3.6825	3.9616	4.2426	4.5253	4.8094	31.9
69.1-71.0	82.8- 85.3	0.4710	0.7056	0.9270	1.1569	1.3977	1.6483	1.9075	2.1736	2.4456	2.7226	3.0038	3.2886	3.5765	3.8670	4.1599	4.4548	4.7515	5.0498	32.1
71.1-73.0	85.4- 88.0	0.5080	0.7537	0.9839	1.2229	1.4735	1.7348	2.0051	2.2830	2.5672	2.8568	3.1509	3.4489	3.7502	4.0544	4.3611	4.6701	4.9810	5.2936	32.3
73.1-75.0	88.1- 90.7	0.5474	0.8043	1.0431	1.2911	1.5516	1.8234	2.1049	2.3946	2.6910	2.9932	3.3004	3.6116	3.9265	4.2446	4.5653	4.8885	5.2137	5.5409	32.4
75.1-77.0	90.9- 93.5	0.5894	0.8574	1.1047	1.3617	1.6319	1.9142	2.2069	2.5084	2.8171	3.1321	3.4523	3.7769	4.1055	4.4375	4.7724	5.1098	5.4496	5.7914	32.5
77.1-79.0	93.6- 96.2	0.6340	0.9132	1.1688	1.4346	1.7144	2.0073	2.3112	2.6244	2.9455	3.2732	3.6065	3.9447	4.2871	4.6331	4.9822	5.3342	5.6886	6.0452	32.6
79.1-81.0	96.3- 99.0	0.6814	0.9718	1.2355	1.5099	1.7993	2.1025	2.4176	2.7427	3.0761	3.4166	3.7632	4.1149	4.4712	4.8313	5.1948	5.5613	5.9305	6.3020	32.7

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

6.0 MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 7, 8, 10

Table 17. Merchantable volume (m^3) from 0.30 m stump height to 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	5.1- 7.2	0.0017	0.0030	0.0043	0.0056	0.0069	0.0083	0.0096	0.0109	0.0123	0.0136	0.0150	0.0163	0.0177	0.0190	0.0204	0.0217	0.0231	0.0244	6.5
7.1- 9.0	7.3- 9.5	0.0058	0.0100	0.0143	0.0186	0.0229	0.0273	0.0316	0.0360	0.0403	0.0447	0.0490	0.0534	0.0578	0.0622	0.0665	0.0709	0.0753	0.0797	8.2
9.1-11.0	9.6- 11.8	0.0099	0.0170	0.0243	0.0316	0.0389	0.0462	0.0536	0.0609	0.0683	0.0757	0.0831	0.0905	0.0979	0.1053	0.1128	0.1202	0.1276	0.1351	9.9
11.1-13.0	11.9- 14.0	0.0145	0.0249	0.0355	0.0462	0.0570	0.0678	0.0787	0.0895	0.1004	0.1113	0.1222	0.1332	0.1441	0.1550	0.1660	0.1770	0.1879	0.1989	11.4
13.1-15.0	14.2- 16.3	0.0195	0.0337	0.0482	0.0628	0.0776	0.0924	0.1072	0.1221	0.1370	0.1519	0.1669	0.1819	0.1968	0.2118	0.2269	0.2419	0.2569	0.2720	12.9
15.1-17.0	16.4- 18.6	0.0250	0.0434	0.0623	0.0813	0.1005	0.1198	0.1391	0.1585	0.1780	0.1975	0.2170	0.2365	0.2561	0.2757	0.2953	0.3149	0.3346	0.3542	14.2
17.1-19.0	18.7- 20.9	0.0310	0.0541	0.0777	0.1016	0.1257	0.1500	0.1743	0.1988	0.2233	0.2478	0.2724	0.2971	0.3217	0.3464	0.3712	0.3959	0.4207	0.4454	15.5
19.1-21.0	21.0- 23.2	0.0374	0.0655	0.0944	0.1236	0.1531	0.1828	0.2127	0.2426	0.2727	0.3028	0.3330	0.3632	0.3934	0.4237	0.4541	0.4845	0.5149	0.5453	16.7
21.1-23.0	23.3- 25.5	0.0444	0.0779	0.1123	0.1472	0.1826	0.2182	0.2540	0.2899	0.3260	0.3621	0.3983	0.4346	0.4710	0.5074	0.5438	0.5803	0.6168	0.6534	17.7
23.1-25.0	25.6- 27.8	0.0518	0.0910	0.1314	0.1725	0.2140	0.2560	0.2981	0.3405	0.3830	0.4256	0.4683	0.5112	0.5541	0.5970	0.6400	0.6831	0.7262	0.7694	18.7
25.1-27.0	28.0- 30.2	0.0596	0.1049	0.1516	0.1992	0.2474	0.2960	0.3449	0.3941	0.4435	0.4931	0.5428	0.5925	0.6424	0.6924	0.7424	0.7925	0.8427	0.8929	19.6
27.1-29.0	30.3- 32.5	0.0679	0.1196	0.1729	0.2273	0.2825	0.3382	0.3943	0.4507	0.5074	0.5643	0.6213	0.6785	0.7358	0.7932	0.8507	0.9082	0.9659	1.0236	20.5
29.1-31.0	32.6- 34.8	0.0767	0.1351	0.1953	0.2568	0.3193	0.3824	0.4461	0.5101	0.5745	0.6391	0.7039	0.7688	0.8339	0.8992	0.9645	1.0299	1.0955	1.1611	21.3
31.1-33.0	34.9- 37.1	0.0860	0.1513	0.2187	0.2876	0.3577	0.4286	0.5002	0.5722	0.6445	0.7172	0.7901	0.8633	0.9366	1.0100	1.0836	1.1573	1.2311	1.3050	22.0
33.1-35.0	37.2- 39.5	0.0957	0.1682	0.2430	0.3197	0.3977	0.4767	0.5564	0.6367	0.7174	0.7985	0.8799	0.9616	1.0435	1.1255	1.2077	1.2901	1.3725	1.4551	22.6
35.1-37.0	39.6- 41.8	0.1059	0.1859	0.2684	0.3530	0.4392	0.5265	0.6147	0.7036	0.7930	0.8829	0.9731	1.0636	1.1544	1.2454	1.3366	1.4279	1.5194	1.6110	23.2
37.1-39.0	41.9- 44.2	0.1166	0.2043	0.2946	0.3874	0.4820	0.5780	0.6750	0.7727	0.8712	0.9701	1.0694	1.1691	1.2691	1.3694	1.4699	1.5705	1.6714	1.7724	23.8
39.1-41.0	44.3- 46.5	0.1278	0.2234	0.3218	0.4230	0.5262	0.6311	0.7371	0.8440	0.9517	1.0600	1.1687	1.2779	1.3875	1.4973	1.6074	1.7177	1.8282	1.9389	24.3
41.1-43.0	46.6- 48.9	0.1396	0.2432	0.3500	0.4597	0.5718	0.6857	0.8009	0.9173	1.0345	1.1524	1.2709	1.3898	1.5092	1.6289	1.7489	1.8691	1.9896	2.1103	24.7
43.1-45.0	49.0- 51.2	0.1519	0.2638	0.3790	0.4974	0.6186	0.7417	0.8665	0.9925	1.1194	1.2472	1.3756	1.5046	1.6340	1.7639	1.8941	2.0246	2.1553	2.2863	25.2
45.1-47.0	51.3- 53.6	0.1647	0.2852	0.4089	0.5362	0.6665	0.7992	0.9336	1.0694	1.2064	1.3443	1.4829	1.6221	1.7619	1.9022	2.0428	2.1838	2.3251	2.4666	25.6
47.1-49.0	53.7- 55.9	0.1782	0.3073	0.4397	0.5760	0.7157	0.8580	1.0022	1.1481	1.2953	1.4434	1.5925	1.7422	1.8926	2.0435	2.1948	2.3465	2.4986	2.6510	25.9
49.1-51.0	56.1- 58.3	0.1922	0.3301	0.4713	0.6168	0.7660	0.9180	1.0723	1.2284	1.3859	1.5446	1.7043	1.8648	2.0259	2.1877	2.3499	2.5126	2.6757	2.8391	26.2
51.1-53.0	58.4- 60.7	0.2068	0.3538	0.5039	0.6586	0.8174	0.9793	1.1438	1.3102	1.4783	1.6477	1.8182	1.9895	2.1617	2.3345	2.5079	2.6818	2.8561	3.0308	26.5
53.1-55.0	60.8- 63.1	0.2221	0.3782	0.5373	0.7014	0.8698	1.0418	1.2165	1.3935	1.5723	1.7525	1.9340	2.1164	2.2997	2.4838	2.6685	2.8538	3.0395	3.2257	26.8
55.1-57.0	63.2- 65.5	0.2381	0.4035	0.5716	0.7451	0.9233	1.1054	1.2905	1.4781	1.6678	1.8590	2.0516	2.2453	2.4399	2.6354	2.8317	3.0285	3.2259	3.4238	27.1
57.1-59.0	65.6- 67.9	0.2547	0.4295	0.6068	0.7897	0.9778	1.1701	1.3657	1.5641	1.7646	1.9670	2.1709	2.3760	2.5821	2.7892	2.9971	3.2057	3.4149	3.6246	27.3
59.1-61.0	68.0- 70.2	0.2720	0.4564	0.6428	0.8352	1.0332	1.2358	1.4420	1.6513	1.8629	2.0765	2.2917	2.5084	2.7262	2.9450	3.1647	3.3852	3.6063	3.8281	27.5
61.1-63.0	70.4- 72.6	0.2901	0.4842	0.6798	0.8817	1.0896	1.3025	1.5194	1.7396	1.9624	2.1873	2.4141	2.6424	2.8720	3.1026	3.3343	3.5668	3.8001	4.0340	27.7
63.1-65.0	72.8- 75.1	0.3089	0.5128	0.7177	0.9291	1.1470	1.3703	1.5979	1.8290	2.0630	2.2994	2.5378	2.7778	3.0193	3.2620	3.5057	3.7504	3.9959	4.2420	27.9
65.1-67.0	75.2- 77.5	0.3285	0.5423	0.7564	0.9774	1.2053	1.4389	1.6773	1.9195	2.1648	2.4127	2.6628	2.9147	3.1681	3.4229	3.6788	3.9357	4.1936	4.4522	28.0
67.1-69.0	77.6- 79.9	0.3489	0.5727	0.7961	1.0266	1.2645	1.5085	1.7577	2.0109	2.2676	2.5271	2.7889	3.0527	3.3182	3.5852	3.8534	4.1227	4.3930	4.6641	28.2
69.1-71.0	80.0- 82.3	0.3702	0.6041	0.8367	1.0767	1.3245	1.5790	1.8389	2.1033	2.3714	2.6425	2.9162	3.1920	3.4696	3.7488	4.0294	4.3111	4.5940	4.8777	28.3
71.1-73.0	82.4- 84.7	0.3923	0.6364	0.8782	1.1277	1.3855	1.6503	1.9211	2.1966	2.4761	2.7589	3.0444	3.3322	3.6221	3.9136	4.2066	4.5009	4.7964	5.0928	28.4
73.1-75.0	84.8- 87.1	0.4154	0.6697	0.9206	1.1796	1.4473	1.7225	2.0041	2.2907	2.5817	2.8761	3.1735	3.4735	3.7755	4.0794	4.3850	4.6919	5.0000	5.3093	28.5
75.1-77.0	87.3- 89.6	0.4394	0.7040	0.9641	1.2324	1.5099	1.7955	2.0878	2.3857	2.6880	2.9942	3.3035	3.6156	3.9299	4.2462	4.5643	4.8839	5.2048	5.5269	28.6
77.1-79.0	89.7- 92.0	0.4643	0.7393	1.0084	1.2861	1.5734	1.8693	2.1724	2.4813	2.7951	3.1130	3.4343	3.7585	4.0851	4.4139	4.7445	5.0768	5.4105	5.7455	28.7
79.1-81.0	92.1- 94.5	0.4903	0.7757	1.0538	1.3407	1.6378	1.9439	2.2577	2.5777	2.9030	3.2325	3.5657	3.9020	4.2410	4.5823	4.9255	5.2705	5.6170	5.9649	28.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 18. Merchantable volume (m^3) from 0.30 m stump height to 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	7.3- 9.5	0.0021	0.0036	0.0051	0.0065	0.0079	0.0093	0.0107	0.0120	0.0134	0.0148	0.0161	0.0175	0.0189	0.0202	0.0216	0.0230	0.0243	0.0257	8.2
9.1-11.0	9.6- 11.8	0.0076	0.0134	0.0193	0.0254	0.0314	0.0375	0.0436	0.0498	0.0559	0.0621	0.0682	0.0744	0.0806	0.0868	0.0930	0.0991	0.1053	0.1115	9.9
11.1-13.0	11.9- 14.0	0.0127	0.0223	0.0320	0.0419	0.0518	0.0618	0.0718	0.0819	0.0919	0.1020	0.1121	0.1222	0.1323	0.1424	0.1525	0.1627	0.1728	0.1830	11.4
13.1-15.0	14.2- 16.3	0.0180	0.0316	0.0454	0.0594	0.0735	0.0876	0.1019	0.1161	0.1304	0.1447	0.1590	0.1734	0.1877	0.2021	0.2165	0.2309	0.2453	0.2597	12.9
15.1-17.0	16.4- 18.6	0.0237	0.0416	0.0599	0.0784	0.0971	0.1158	0.1347	0.1536	0.1725	0.1915	0.2105	0.2296	0.2486	0.2677	0.2868	0.3060	0.3251	0.3442	14.2
17.1-19.0	18.7- 20.9	0.0299	0.0524	0.0756	0.0991	0.1227	0.1466	0.1705	0.1945	0.2186	0.2427	0.2669	0.2911	0.3154	0.3396	0.3639	0.3883	0.4126	0.4370	15.5
19.1-21.0	21.0- 23.2	0.0364	0.0641	0.0925	0.1213	0.1505	0.1798	0.2093	0.2389	0.2686	0.2983	0.3281	0.3580	0.3879	0.4178	0.4478	0.4778	0.5078	0.5379	16.7
21.1-23.0	23.3- 25.5	0.0434	0.0765	0.1106	0.1452	0.1802	0.2155	0.2509	0.2865	0.3223	0.3581	0.3940	0.4300	0.4660	0.5021	0.5382	0.5744	0.6106	0.6468	17.7
23.1-25.0	25.6- 27.8	0.0509	0.0898	0.1298	0.1705	0.2118	0.2534	0.2953	0.3374	0.3796	0.4220	0.4644	0.5069	0.5496	0.5922	0.6350	0.6778	0.7206	0.7635	18.7
25.1-27.0	28.0- 30.2	0.0588	0.1038	0.1501	0.1974	0.2453	0.2936	0.3423	0.3913	0.4404	0.4897	0.5391	0.5887	0.6383	0.6880	0.7378	0.7876	0.8375	0.8875	19.6
27.1-29.0	30.3- 32.5	0.0672	0.1185	0.1715	0.2256	0.2805	0.3360	0.3919	0.4481	0.5045	0.5611	0.6179	0.6749	0.7320	0.7891	0.8464	0.9037	0.9611	1.0186	20.5
29.1-31.0	32.6- 34.8	0.0760	0.1340	0.1939	0.2552	0.3174	0.3803	0.4438	0.5076	0.5717	0.6361	0.7007	0.7654	0.8303	0.8954	0.9605	1.0257	1.0910	1.1564	21.3
31.1-33.0	34.9- 37.1	0.0852	0.1502	0.2173	0.2861	0.3559	0.4266	0.4980	0.5698	0.6419	0.7144	0.7871	0.8601	0.9332	1.0064	1.0798	1.1533	1.2269	1.3007	22.0
33.1-35.0	37.2- 39.5	0.0950	0.1672	0.2418	0.3182	0.3960	0.4748	0.5543	0.6344	0.7149	0.7959	0.8771	0.9585	1.0402	1.1221	1.2041	1.2863	1.3686	1.4510	22.6
35.1-37.0	39.6- 41.8	0.1052	0.1849	0.2671	0.3515	0.4375	0.5246	0.6127	0.7014	0.7906	0.8803	0.9704	1.0607	1.1513	1.2421	1.3331	1.4243	1.5156	1.6071	23.2
37.1-39.0	41.9- 44.2	0.1160	0.2033	0.2934	0.3860	0.4804	0.5762	0.6730	0.7706	0.8688	0.9676	1.0668	1.1663	1.2661	1.3662	1.4666	1.5671	1.6678	1.7686	23.8
39.1-41.0	44.3- 46.5	0.1272	0.2224	0.3206	0.4216	0.5247	0.6293	0.7351	0.8419	0.9494	1.0575	1.1662	1.2752	1.3846	1.4942	1.6042	1.7144	1.8247	1.9353	24.3
41.1-43.0	46.6- 48.9	0.1390	0.2423	0.3488	0.4583	0.5702	0.6839	0.7990	0.9152	1.0323	1.1500	1.2683	1.3871	1.5064	1.6259	1.7458	1.8659	1.9862	2.1068	24.7
43.1-45.0	49.0- 51.2	0.1513	0.2629	0.3778	0.4961	0.6170	0.7400	0.8646	0.9904	1.1173	1.2449	1.3732	1.5020	1.6313	1.7610	1.8911	2.0214	2.1520	2.2829	25.2
45.1-47.0	51.3- 53.6	0.1641	0.2843	0.4077	0.5349	0.6650	0.7975	0.9318	1.0675	1.2043	1.3420	1.4805	1.6196	1.7592	1.8993	2.0398	2.1807	2.3219	2.4633	25.6
47.1-49.0	53.7- 55.9	0.1776	0.3064	0.4385	0.5747	0.7142	0.8563	1.0004	1.1462	1.2932	1.4412	1.5901	1.7397	1.8900	2.0407	2.1919	2.3435	2.4955	2.6477	25.9
49.1-51.0	56.1- 58.3	0.1916	0.3293	0.4702	0.6155	0.7645	0.9164	1.0705	1.2265	1.3839	1.5424	1.7019	1.8623	2.0233	2.1849	2.3470	2.5096	2.6726	2.8359	26.2
51.1-53.0	58.4- 60.7	0.2063	0.3529	0.5028	0.6573	0.8159	0.9777	1.1420	1.3083	1.4762	1.6455	1.8158	1.9871	2.1591	2.3318	2.5050	2.6788	2.8530	3.0276	26.5
53.1-55.0	60.8- 63.1	0.2215	0.3774	0.5362	0.7001	0.8683	1.0402	1.2148	1.3916	1.5702	1.7503	1.9316	2.1140	2.2972	2.4811	2.6657	2.8509	3.0365	3.2226	26.8
55.1-57.0	63.2- 65.5	0.2375	0.4026	0.5705	0.7438	0.9218	1.1037	1.2888	1.4762	1.6657	1.8568	2.0493	2.2429	2.4374	2.6328	2.8289	3.0256	3.2229	3.4206	27.1
57.1-59.0	65.6- 67.9	0.2541	0.4287	0.6057	0.7884	0.9763	1.1684	1.3640	1.5622	1.7626	1.9648	2.1686	2.3736	2.5796	2.7866	2.9944	3.2028	3.4119	3.6215	27.3
59.1-61.0	68.0- 70.2	0.2715	0.4556	0.6418	0.8340	1.0318	1.2342	1.4403	1.6493	1.8608	2.0743	2.2895	2.5060	2.7237	2.9424	3.1620	3.3823	3.6034	3.8250	27.5
61.1-63.0	70.4- 72.6	0.2895	0.4833	0.6787	0.8804	1.0882	1.3009	1.5177	1.7377	1.9603	2.1852	2.4118	2.6400	2.8694	3.1000	3.3316	3.5640	3.7971	4.0309	27.7
63.1-65.0	72.8- 75.1	0.3084	0.5120	0.7166	0.9278	1.1455	1.3686	1.5961	1.8271	2.0610	2.2973	2.5355	2.7754	3.0168	3.2593	3.5030	3.7475	3.9929	4.2390	27.9
65.1-67.0	75.2- 77.5	0.3280	0.5415	0.7553	0.9761	1.2038	1.4373	1.6755	1.9176	2.1628	2.4105	2.6605	2.9122	3.1656	3.4202	3.6760	3.9329	4.1906	4.4491	28.0
67.1-69.0	77.6- 79.9	0.3484	0.5719	0.7950	1.0253	1.2630	1.5069	1.7559	2.0090	2.2656	2.5249	2.7866	3.0503	3.3157	3.5825	3.8506	4.1198	4.3900	4.6610	28.2
69.1-71.0	80.0- 82.3	0.3697	0.6033	0.8356	1.0754	1.3230	1.5773	1.8371	2.1014	2.3693	2.6403	2.9138	3.1895	3.4670	3.7461	4.0266	4.3083	4.5910	4.8746	28.3
71.1-73.0	82.4- 84.7	0.3918	0.6356	0.8771	1.1264	1.3840	1.6487	1.9193	2.1947	2.4740	2.7567	3.0421	3.3298	3.6195	3.9109	4.2038	4.4980	4.7934	5.0897	28.4
73.1-75.0	84.8- 87.1	0.4149	0.6689	0.9196	1.1783	1.4458	1.7209	2.0022	2.2888	2.5796	2.8739	3.1712	3.4710	3.7729	4.0767	4.3821	4.6889	4.9970	5.3061	28.5
75.1-77.0	87.3- 89.6	0.4389	0.7032	0.9630	1.2311	1.5084	1.7939	2.0860	2.3837	2.6859	2.9919	3.3012	3.6131	3.9273	4.2435	4.5615	4.8809	5.2017	5.5237	28.6
77.1-79.0	89.7- 92.0	0.4638	0.7385	1.0073	1.2847	1.5719	1.8676	2.1705	2.4793	2.7930	3.1107	3.4319	3.7559	4.0825	4.4111	4.7417	5.0738	5.4074	5.7423	28.7
79.1-81.0	92.1- 94.5	0.4898	0.7749	1.0527	1.3393	1.6362	1.9422	2.2558	2.5757	2.9008	3.2302	3.5633	3.8995	4.2383	4.5795	4.9226	5.2675	5.6139	5.9617	28.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 19. Merchantable volume (m^3) from 0.30 m stump height to 10.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	11.9- 14.0	0.0066	0.0115	0.0165	0.0216	0.0267	0.0318	0.0370	0.0422	0.0474	0.0526	0.0578	0.0630	0.0683	0.0735	0.0788	0.0841	0.0893	0.0946	11.4
13.1-15.0	14.2- 16.3	0.0134	0.0239	0.0347	0.0458	0.0570	0.0684	0.0798	0.0912	0.1027	0.1142	0.1258	0.1373	0.1489	0.1605	0.1721	0.1838	0.1954	0.2071	12.9
15.1-17.0	16.4- 18.6	0.0199	0.0355	0.0515	0.0679	0.0845	0.1012	0.1180	0.1348	0.1517	0.1687	0.1857	0.2027	0.2197	0.2368	0.2539	0.2710	0.2881	0.3052	14.2
17.1-19.0	18.7- 20.9	0.0266	0.0472	0.0686	0.0904	0.1124	0.1345	0.1568	0.1792	0.2017	0.2242	0.2467	0.2693	0.2919	0.3146	0.3373	0.3600	0.3827	0.4055	15.5
19.1-21.0	21.0- 23.2	0.0335	0.0595	0.0864	0.1138	0.1415	0.1695	0.1976	0.2258	0.2541	0.2825	0.3110	0.3395	0.3680	0.3966	0.4252	0.4539	0.4826	0.5113	16.7
21.1-23.0	23.3- 25.5	0.0408	0.0724	0.1051	0.1385	0.1722	0.2063	0.2406	0.2750	0.3096	0.3442	0.3790	0.4138	0.4487	0.4836	0.5185	0.5536	0.5886	0.6237	17.7
23.1-25.0	25.6- 27.8	0.0485	0.0860	0.1248	0.1645	0.2046	0.2452	0.2860	0.3270	0.3682	0.4096	0.4510	0.4925	0.5341	0.5757	0.6175	0.6592	0.7010	0.7429	18.7
25.1-27.0	28.0- 30.2	0.0565	0.1003	0.1455	0.1918	0.2387	0.2861	0.3338	0.3818	0.4300	0.4784	0.5269	0.5755	0.6243	0.6731	0.7219	0.7709	0.8199	0.8689	19.6
27.1-29.0	30.3- 32.5	0.0650	0.1152	0.1672	0.2204	0.2744	0.3290	0.3840	0.4393	0.4949	0.5508	0.6067	0.6629	0.7191	0.7754	0.8319	0.8884	0.9450	1.0016	20.5
29.1-31.0	32.6- 34.8	0.0739	0.1309	0.1899	0.2502	0.3116	0.3738	0.4364	0.4995	0.5628	0.6264	0.6903	0.7543	0.8184	0.8827	0.9471	1.0115	1.0761	1.1408	21.3
31.1-33.0	34.9- 37.1	0.0833	0.1473	0.2135	0.2814	0.3505	0.4204	0.4910	0.5621	0.6335	0.7053	0.7774	0.8496	0.9220	0.9946	1.0673	1.1401	1.2130	1.2861	22.0
33.1-35.0	37.2- 39.5	0.0931	0.1643	0.2381	0.3137	0.3908	0.4688	0.5477	0.6271	0.7070	0.7873	0.8679	0.9487	1.0297	1.1110	1.1923	1.2739	1.3555	1.4373	22.6
35.1-37.0	39.6- 41.8	0.1034	0.1821	0.2636	0.3472	0.4325	0.5190	0.6063	0.6944	0.7831	0.8721	0.9616	1.0513	1.1413	1.2316	1.3220	1.4125	1.5033	1.5941	23.2
37.1-39.0	41.9- 44.2	0.1142	0.2006	0.2900	0.3818	0.4756	0.5707	0.6669	0.7639	0.8616	0.9598	1.0584	1.1574	1.2566	1.3562	1.4559	1.5559	1.6560	1.7563	23.8
39.1-41.0	44.3- 46.5	0.1255	0.2199	0.3173	0.4176	0.5200	0.6240	0.7293	0.8355	0.9425	1.0500	1.1581	1.2666	1.3755	1.4846	1.5940	1.7037	1.8135	1.9235	24.3
41.1-43.0	46.6- 48.9	0.1373	0.2398	0.3455	0.4544	0.5657	0.6788	0.7934	0.9090	1.0255	1.1428	1.2606	1.3789	1.4976	1.6166	1.7360	1.8556	1.9755	2.0956	24.7
43.1-45.0	49.0- 51.2	0.1497	0.2605	0.3746	0.4922	0.6126	0.7350	0.8591	0.9844	1.1107	1.2379	1.3657	1.4940	1.6228	1.7521	1.8816	2.0115	2.1417	2.2721	25.2
45.1-47.0	51.3- 53.6	0.1626	0.2819	0.4046	0.5311	0.6607	0.7926	0.9264	1.0616	1.1979	1.3352	1.4732	1.6118	1.7510	1.8907	2.0307	2.1711	2.3118	2.4528	25.6
47.1-49.0	53.7- 55.9	0.1761	0.3041	0.4355	0.5710	0.7100	0.8515	0.9952	1.1404	1.2869	1.4345	1.5830	1.7322	1.8820	2.0323	2.1830	2.3342	2.4857	2.6375	25.9
49.1-51.0	56.1- 58.3	0.1902	0.3270	0.4672	0.6119	0.7603	0.9117	1.0654	1.2208	1.3778	1.5359	1.6950	1.8549	2.0155	2.1767	2.3384	2.5006	2.6631	2.8260	26.2
51.1-53.0	58.4- 60.7	0.2048	0.3507	0.4998	0.6538	0.8118	0.9731	1.1369	1.3028	1.4703	1.6391	1.8090	1.9798	2.1515	2.3237	2.4966	2.6700	2.8438	3.0180	26.5
53.1-55.0	60.8- 63.1	0.2202	0.3752	0.5333	0.6966	0.8643	1.0356	1.2098	1.3861	1.5644	1.7440	1.9249	2.1069	2.2897	2.4732	2.6574	2.8422	3.0275	3.2132	26.8
55.1-57.0	63.2- 65.5	0.2361	0.4004	0.5677	0.7403	0.9178	1.0993	1.2838	1.4709	1.6599	1.8506	2.0427	2.2359	2.4300	2.6250	2.8207	3.0171	3.2140	3.4114	27.1
57.1-59.0	65.6- 67.9	0.2528	0.4265	0.6029	0.7850	0.9724	1.1640	1.3591	1.5569	1.7569	1.9587	2.1621	2.3667	2.5723	2.7789	2.9863	3.1944	3.4031	3.6124	27.3
59.1-61.0	68.0- 70.2	0.2702	0.4535	0.6390	0.8306	1.0279	1.2298	1.4354	1.6441	1.8552	2.0683	2.2830	2.4992	2.7165	2.9348	3.1541	3.3741	3.5947	3.8160	27.5
61.1-63.0	70.4- 72.6	0.2882	0.4813	0.6760	0.8771	1.0843	1.2966	1.5129	1.7325	1.9547	2.1792	2.4054	2.6332	2.8623	3.0926	3.3237	3.5558	3.7886	4.0220	27.7
63.1-65.0	72.8- 75.1	0.3071	0.5099	0.7139	0.9245	1.1417	1.3643	1.5913	1.8219	2.0554	2.2913	2.5292	2.7687	3.0097	3.2520	3.4952	3.7394	3.9845	4.2302	27.9
65.1-67.0	75.2- 77.5	0.3267	0.5395	0.7526	0.9728	1.2000	1.4330	1.6708	1.9124	2.1572	2.4046	2.6542	2.9056	3.1586	3.4129	3.6684	3.9249	4.1822	4.4404	28.0
67.1-69.0	77.6- 79.9	0.3472	0.5699	0.7923	1.0220	1.2592	1.5026	1.7512	2.0039	2.2600	2.5190	2.7804	3.0437	3.3087	3.5752	3.8430	4.1119	4.3817	4.6524	28.2
69.1-71.0	80.0- 82.3	0.3685	0.6013	0.8329	1.0722	1.3193	1.5731	1.8324	2.0963	2.3638	2.6345	2.9076	3.1830	3.4601	3.7389	4.0190	4.3004	4.5828	4.8661	28.3
71.1-73.0	82.4- 84.7	0.3906	0.6336	0.8745	1.1232	1.3802	1.6444	1.9146	2.1896	2.4685	2.7508	3.0359	3.3232	3.6126	3.9037	4.1963	4.4901	4.7852	5.0812	28.4
73.1-75.0	84.8- 87.1	0.4137	0.6670	0.9169	1.1751	1.4420	1.7166	1.9976	2.2837	2.5741	2.8681	3.1650	3.4645	3.7661	4.0695	4.3746	4.6811	4.9888	5.2977	28.5
75.1-77.0	87.3- 89.6	0.4377	0.7013	0.9604	1.2279	1.5047	1.7896	2.0813	2.3786	2.6804	2.9861	3.2950	3.6065	3.9204	4.2363	4.5540	4.8731	5.1936	5.5153	28.6
77.1-79.0	89.7- 92.0	0.4627	0.7366	1.0047	1.2815	1.5682	1.8634	2.1659	2.4743	2.7875	3.1049	3.4257	3.7494	4.0756	4.4040	4.7342	5.0660	5.3993	5.7339	28.7
79.1-81.0	92.1- 94.5	0.4887	0.7730	1.0501	1.3361	1.6325	1.9380	2.2511	2.5706	2.8953	3.2244	3.5571	3.8930	4.2315	4.5723	4.9151	5.2597	5.6058	5.9533	28.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 20. Merchantable volume (m^3) from 0.30 m stump height to 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	11.9- 14.0	0.0035	0.0055	0.0071	0.0085	0.0099	0.0112	0.0124	0.0137	0.0149	0.0162	0.0174	0.0186	0.0199	0.0211	0.0224	0.0237	0.0249	0.0262	11.4
13.1-15.0	14.2- 16.3	0.0108	0.0193	0.0280	0.0368	0.0459	0.0550	0.0642	0.0734	0.0827	0.0920	0.1014	0.1107	0.1201	0.1295	0.1390	0.1484	0.1578	0.1673	12.9
15.1-17.0	16.4- 18.6	0.0179	0.0320	0.0466	0.0616	0.0768	0.0921	0.1076	0.1231	0.1386	0.1542	0.1699	0.1855	0.2012	0.2170	0.2327	0.2485	0.2642	0.2800	14.2
17.1-19.0	18.7- 20.9	0.0249	0.0444	0.0647	0.0854	0.1064	0.1275	0.1488	0.1702	0.1916	0.2131	0.2347	0.2563	0.2779	0.2996	0.3213	0.3430	0.3647	0.3865	15.5
19.1-21.0	21.0- 23.2	0.0320	0.0571	0.0831	0.1096	0.1365	0.1636	0.1909	0.2183	0.2459	0.2734	0.3011	0.3288	0.3566	0.3844	0.4122	0.4400	0.4679	0.4958	16.7
21.1-23.0	23.3- 25.5	0.0395	0.0703	0.1022	0.1349	0.1679	0.2013	0.2349	0.2686	0.3025	0.3365	0.3706	0.4047	0.4389	0.4731	0.5074	0.5418	0.5761	0.6105	17.7
23.1-25.0	25.6- 27.8	0.0473	0.0841	0.1222	0.1612	0.2008	0.2407	0.2810	0.3214	0.3620	0.4027	0.4436	0.4845	0.5255	0.5666	0.6077	0.6489	0.6901	0.7314	18.7
25.1-27.0	28.0- 30.2	0.0554	0.0985	0.1431	0.1888	0.2352	0.2820	0.3293	0.3767	0.4244	0.4723	0.5203	0.5684	0.6166	0.6649	0.7132	0.7617	0.8102	0.8587	19.6
27.1-29.0	30.3- 32.5	0.0640	0.1136	0.1650	0.2177	0.2712	0.3253	0.3798	0.4347	0.4898	0.5452	0.6007	0.6563	0.7121	0.7680	0.8240	0.8800	0.9362	0.9923	20.5
29.1-31.0	32.6- 34.8	0.0730	0.1294	0.1878	0.2477	0.3087	0.3703	0.4325	0.4951	0.5581	0.6213	0.6847	0.7483	0.8120	0.8758	0.9398	1.0039	1.0680	1.1323	21.3
31.1-33.0	34.9- 37.1	0.0824	0.1458	0.2115	0.2790	0.3477	0.4172	0.4874	0.5581	0.6291	0.7005	0.7722	0.8440	0.9161	0.9882	1.0606	1.1330	1.2056	1.2782	22.0
33.1-35.0	37.2- 39.5	0.0923	0.1630	0.2362	0.3114	0.3881	0.4658	0.5443	0.6233	0.7029	0.7828	0.8630	0.9435	1.0241	1.1050	1.1861	1.2672	1.3485	1.4300	22.6
35.1-37.0	39.6- 41.8	0.1026	0.1808	0.2618	0.3450	0.4299	0.5161	0.6031	0.6908	0.7791	0.8679	0.9570	1.0464	1.1361	1.2260	1.3161	1.4063	1.4967	1.5872	23.2
37.1-39.0	41.9- 44.2	0.1134	0.1994	0.2883	0.3798	0.4731	0.5679	0.6638	0.7605	0.8578	0.9557	1.0540	1.1527	1.2517	1.3509	1.4503	1.5500	1.6498	1.7498	23.8
39.1-41.0	44.3- 46.5	0.1248	0.2186	0.3157	0.4156	0.5176	0.6214	0.7263	0.8322	0.9389	1.0461	1.1539	1.2621	1.3707	1.4796	1.5887	1.6981	1.8076	1.9174	24.3
41.1-43.0	46.6- 48.9	0.1366	0.2386	0.3440	0.4525	0.5634	0.6762	0.7905	0.9059	1.0221	1.1390	1.2566	1.3746	1.4930	1.6118	1.7309	1.8503	1.9698	2.0896	24.7
43.1-45.0	49.0- 51.2	0.1490	0.2593	0.3731	0.4904	0.6104	0.7326	0.8563	0.9814	1.1074	1.2343	1.3618	1.4899	1.6184	1.7474	1.8767	2.0064	2.1363	2.2664	25.2
45.1-47.0	51.3- 53.6	0.1619	0.2808	0.4031	0.5293	0.6586	0.7902	0.9237	1.0586	1.1947	1.3317	1.4694	1.6078	1.7468	1.8862	2.0260	2.1662	2.3066	2.4474	25.6
47.1-49.0	53.7- 55.9	0.1754	0.3030	0.4340	0.5693	0.7079	0.8492	0.9925	1.1375	1.2838	1.4312	1.5794	1.7283	1.8779	2.0279	2.1785	2.3294	2.4807	2.6323	25.9
49.1-51.0	56.1- 58.3	0.1895	0.3259	0.4658	0.6102	0.7583	0.9094	1.0628	1.2180	1.3747	1.5326	1.6915	1.8511	2.0115	2.1725	2.3340	2.4959	2.6582	2.8209	26.2
51.1-53.0	58.4- 60.7	0.2042	0.3496	0.4984	0.6521	0.8098	0.9708	1.1344	1.3000	1.4673	1.6359	1.8056	1.9762	2.1476	2.3196	2.4923	2.6654	2.8390	3.0130	26.5
53.1-55.0	60.8- 63.1	0.2195	0.3741	0.5319	0.6949	0.8624	1.0334	1.2073	1.3835	1.5614	1.7409	1.9216	2.1033	2.2859	2.4692	2.6532	2.8378	3.0228	3.2083	26.8
55.1-57.0	63.2- 65.5	0.2355	0.3995	0.5663	0.7387	0.9159	1.0971	1.2814	1.4682	1.6571	1.8475	2.0394	2.2324	2.4263	2.6211	2.8166	3.0128	3.2095	3.4067	27.1
57.1-59.0	65.6- 67.9	0.2522	0.4256	0.6016	0.7834	0.9705	1.1619	1.3567	1.5543	1.7541	1.9557	2.1588	2.3632	2.5687	2.7751	2.9823	3.1902	3.3987	3.6078	27.3
59.1-61.0	68.0- 70.2	0.2696	0.4525	0.6377	0.8290	1.0260	1.2277	1.4331	1.6415	1.8524	2.0653	2.2798	2.4958	2.7129	2.9311	3.1501	3.3699	3.5904	3.8115	27.5
61.1-63.0	70.4- 72.6	0.2877	0.4803	0.6747	0.8755	1.0825	1.2945	1.5106	1.7299	1.9520	2.1762	2.4023	2.6299	2.8588	3.0888	3.3199	3.5517	3.7843	4.0176	27.7
63.1-65.0	72.8- 75.1	0.3065	0.5090	0.7126	0.9230	1.1399	1.3623	1.5891	1.8194	2.0527	2.2884	2.5261	2.7655	3.0063	3.2483	3.4914	3.7354	3.9803	4.2258	27.9
65.1-67.0	75.2- 77.5	0.3262	0.5385	0.7514	0.9713	1.1982	1.4310	1.6685	1.9099	2.1545	2.4017	2.6511	2.9024	3.1551	3.4093	3.6646	3.9209	4.1781	4.4361	28.0
67.1-69.0	77.6- 79.9	0.3467	0.5690	0.7911	1.0205	1.2574	1.5006	1.7489	2.0014	2.2574	2.5162	2.7773	3.0405	3.3054	3.5717	3.8393	4.1080	4.3776	4.6482	28.2
69.1-71.0	80.0- 82.3	0.3680	0.6004	0.8317	1.0707	1.3175	1.5711	1.8302	2.0939	2.3612	2.6316	2.9046	3.1798	3.4568	3.7354	4.0153	4.2965	4.5787	4.8619	28.3
71.1-73.0	82.4- 84.7	0.3901	0.6328	0.8733	1.1217	1.3785	1.6425	1.9124	2.1872	2.4659	2.7480	3.0329	3.3201	3.6093	3.9002	4.1926	4.4863	4.7812	5.0771	28.4
73.1-75.0	84.8- 87.1	0.4132	0.6661	0.9157	1.1736	1.4403	1.7147	1.9954	2.2813	2.5715	2.8653	3.1620	3.4613	3.7628	4.0661	4.3710	4.6773	4.9849	5.2935	28.5
75.1-77.0	87.3- 89.6	0.4372	0.7004	0.9592	1.2264	1.5029	1.7877	2.0792	2.3762	2.6779	2.9833	3.2920	3.6034	3.9172	4.2329	4.5503	4.8693	5.1897	5.5112	28.6
77.1-79.0	89.7- 92.0	0.4622	0.7358	1.0036	1.2801	1.5664	1.8615	2.1637	2.4719	2.7850	3.1021	3.4228	3.7463	4.0723	4.4005	4.7306	5.0623	5.3954	5.7298	28.7
79.1-81.0	92.1- 94.5	0.4882	0.7722	1.0490	1.3347	1.6308	1.9361	2.2490	2.5682	2.8928	3.2216	3.5542	3.8899	4.2282	4.5689	4.9115	5.2560	5.6019	5.9493	28.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 21. Merchantable volume (m^3) from 0.30 m stump height to 13.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
13.1-15.0	14.2- 16.3	0.0045	0.0069	0.0087	0.0102	0.0116	0.0129	0.0142	0.0155	0.0167	0.0180	0.0194	0.0207	0.0220	0.0233	0.0247	0.0260	0.0274	0.0287	12.9
15.1-17.0	16.4- 18.6	0.0126	0.0220	0.0317	0.0415	0.0514	0.0614	0.0716	0.0818	0.0920	0.1023	0.1126	0.1230	0.1334	0.1438	0.1542	0.1646	0.1751	0.1856	14.2
17.1-19.0	18.7- 20.9	0.0204	0.0365	0.0533	0.0705	0.0880	0.1057	0.1236	0.1416	0.1597	0.1779	0.1962	0.2144	0.2328	0.2511	0.2695	0.2879	0.3064	0.3248	15.5
19.1-21.0	21.0- 23.2	0.0282	0.0505	0.0738	0.0976	0.1219	0.1465	0.1712	0.1961	0.2211	0.2462	0.2713	0.2966	0.3218	0.3472	0.3725	0.3979	0.4233	0.4487	16.7
21.1-23.0	23.3- 25.5	0.0361	0.0646	0.0943	0.1247	0.1556	0.1869	0.2184	0.2501	0.2819	0.3139	0.3460	0.3781	0.4103	0.4425	0.4748	0.5071	0.5395	0.5719	17.7
23.1-25.0	25.6- 27.8	0.0442	0.0790	0.1152	0.1523	0.1900	0.2282	0.2667	0.3054	0.3442	0.3833	0.4224	0.4616	0.5009	0.5403	0.5797	0.6192	0.6587	0.6983	18.7
25.1-27.0	28.0- 30.2	0.0526	0.0939	0.1368	0.1808	0.2256	0.2709	0.3166	0.3625	0.4087	0.4551	0.5016	0.5482	0.5949	0.6417	0.6886	0.7355	0.7825	0.8296	19.6
27.1-29.0	30.3- 32.5	0.0614	0.1093	0.1592	0.2103	0.2624	0.3151	0.3683	0.4218	0.4756	0.5296	0.5838	0.6381	0.6926	0.7472	0.8018	0.8566	0.9114	0.9663	20.5
29.1-31.0	32.6- 34.8	0.0706	0.1254	0.1824	0.2410	0.3006	0.3610	0.4220	0.4833	0.5451	0.6071	0.6693	0.7317	0.7942	0.8569	0.9197	0.9825	1.0455	1.1086	21.3
31.1-33.0	34.9- 37.1	0.0801	0.1421	0.2065	0.2727	0.3401	0.4085	0.4775	0.5471	0.6171	0.6874	0.7579	0.8287	0.8996	0.9707	1.0420	1.1134	1.1848	1.2564	22.0
33.1-35.0	37.2- 39.5	0.0901	0.1595	0.2314	0.3055	0.3810	0.4576	0.5350	0.6131	0.6916	0.7705	0.8497	0.9292	1.0089	1.0887	1.1688	1.2490	1.3293	1.4097	22.6
35.1-37.0	39.6- 41.8	0.1006	0.1775	0.2573	0.3394	0.4232	0.5083	0.5944	0.6812	0.7685	0.8563	0.9445	1.0330	1.1217	1.2107	1.2999	1.3892	1.4787	1.5683	23.2
37.1-39.0	41.9- 44.2	0.1115	0.1962	0.2840	0.3744	0.4668	0.5606	0.6555	0.7513	0.8478	0.9448	1.0422	1.1400	1.2381	1.3365	1.4351	1.5339	1.6329	1.7320	23.8
39.1-41.0	44.3- 46.5	0.1229	0.2156	0.3115	0.4104	0.5115	0.6143	0.7184	0.8234	0.9293	1.0357	1.1427	1.2501	1.3578	1.4659	1.5742	1.6828	1.7915	1.9005	24.3
41.1-43.0	46.6- 48.9	0.1348	0.2357	0.3399	0.4475	0.5575	0.6695	0.7829	0.8975	1.0129	1.1291	1.2458	1.3631	1.4807	1.5988	1.7171	1.8357	1.9545	2.0736	24.7
43.1-45.0	49.0- 51.2	0.1473	0.2565	0.3692	0.4856	0.6047	0.7260	0.8490	0.9733	1.0986	1.2247	1.3515	1.4788	1.6067	1.7349	1.8635	1.9925	2.1216	2.2511	25.2
45.1-47.0	51.3- 53.6	0.1602	0.2780	0.3994	0.5247	0.6531	0.7839	0.9166	1.0508	1.1861	1.3224	1.4595	1.5972	1.7355	1.8742	2.0133	2.1528	2.2926	2.4327	25.6
47.1-49.0	53.7- 55.9	0.1738	0.3003	0.4304	0.5647	0.7025	0.8431	0.9857	1.1300	1.2756	1.4222	1.5698	1.7180	1.8669	2.0164	2.1662	2.3165	2.4672	2.6181	25.9
49.1-51.0	56.1- 58.3	0.1879	0.3233	0.4622	0.6058	0.7531	0.9035	1.0561	1.2107	1.3667	1.5239	1.6821	1.8412	2.0009	2.1613	2.3221	2.4834	2.6452	2.8072	26.2
51.1-53.0	58.4- 60.7	0.2027	0.3471	0.4950	0.6478	0.8047	0.9650	1.1279	1.2929	1.4595	1.6274	1.7965	1.9665	2.1373	2.3088	2.4808	2.6534	2.8264	2.9997	26.5
53.1-55.0	60.8- 63.1	0.2181	0.3717	0.5285	0.6907	0.8574	1.0277	1.2009	1.3765	1.5538	1.7326	1.9127	2.0939	2.2759	2.4586	2.6421	2.8260	3.0105	3.1955	26.8
55.1-57.0	63.2- 65.5	0.2341	0.3970	0.5630	0.7345	0.9110	1.0915	1.2752	1.4614	1.6496	1.8395	2.0307	2.2231	2.4165	2.6108	2.8057	3.0013	3.1975	3.3941	27.1
57.1-59.0	65.6- 67.9	0.2508	0.4232	0.5983	0.7793	0.9657	1.1564	1.3506	1.5475	1.7468	1.9478	2.1504	2.3542	2.5591	2.7650	2.9717	3.1790	3.3870	3.5956	27.3
59.1-61.0	68.0- 70.2	0.2682	0.4502	0.6345	0.8250	1.0213	1.2223	1.4271	1.6349	1.8452	2.0575	2.2715	2.4869	2.7035	2.9212	3.1397	3.3590	3.5790	3.7995	27.5
61.1-63.0	70.4- 72.6	0.2863	0.4780	0.6715	0.8716	1.0778	1.2892	1.5047	1.7234	1.9449	2.1686	2.3941	2.6212	2.8496	3.0791	3.3096	3.5410	3.7731	4.0059	27.7
63.1-65.0	72.8- 75.1	0.3052	0.5067	0.7095	0.9191	1.1353	1.3570	1.5832	1.8130	2.0457	2.2809	2.5181	2.7569	2.9972	3.2387	3.4814	3.7249	3.9693	4.2144	27.9
65.1-67.0	75.2- 77.5	0.3249	0.5363	0.7483	0.9675	1.1937	1.4258	1.6628	1.9036	2.1477	2.3944	2.6432	2.8939	3.1462	3.3999	3.6547	3.9105	4.1673	4.4248	28.0
67.1-69.0	77.6- 79.9	0.3454	0.5668	0.7881	1.0168	1.2529	1.4955	1.7432	1.9952	2.2506	2.5089	2.7695	3.0322	3.2966	3.5624	3.8295	4.0978	4.3670	4.6371	28.2
69.1-71.0	80.0- 82.3	0.3667	0.5983	0.8287	1.0669	1.3131	1.5661	1.8246	2.0877	2.3545	2.6244	2.8969	3.1716	3.4481	3.7262	4.0057	4.2864	4.5682	4.8509	28.3
71.1-73.0	82.4- 84.7	0.3889	0.6307	0.8703	1.1180	1.3741	1.6375	1.9068	2.1810	2.4593	2.7409	3.0252	3.3120	3.6007	3.8911	4.1831	4.4764	4.7708	5.0662	28.4
73.1-75.0	84.8- 87.1	0.4120	0.6640	0.9128	1.1699	1.4360	1.7097	1.9899	2.2752	2.5649	2.8582	3.1545	3.4533	3.7543	4.0571	4.3616	4.6675	4.9746	5.2828	28.5
75.1-77.0	87.3- 89.6	0.4361	0.6984	0.9563	1.2228	1.4987	1.7828	2.0737	2.3702	2.6713	2.9763	3.2845	3.5955	3.9087	4.2240	4.5410	4.8596	5.1795	5.5006	28.6
77.1-79.0	89.7- 92.0	0.4611	0.7338	1.0007	1.2765	1.5622	1.8566	2.1583	2.4659	2.7785	3.0952	3.4153	3.7384	4.0640	4.3917	4.7213	5.0526	5.3853	5.7193	28.7
79.1-81.0	92.1- 94.5	0.4871	0.7702	1.0461	1.3311	1.6266	1.9312	2.2436	2.5623	2.8863	3.2147	3.5468	3.8820	4.2199	4.5602	4.9024	5.2464	5.5919	5.9389	28.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 22. Merchantable volume (m^3) from 0.30 m stump height to 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.4- 18.6	0.0058	0.0087	0.0107	0.0123	0.0137	0.0150	0.0164	0.0177	0.0191	0.0204	0.0218	0.0233	0.0247	0.0261	0.0276	0.0291	0.0306	0.0320	14.2
17.1-19.0	18.7- 20.9	0.0145	0.0250	0.0353	0.0457	0.0561	0.0666	0.0771	0.0877	0.0983	0.1089	0.1196	0.1302	0.1409	0.1517	0.1624	0.1731	0.1839	0.1947	15.5
19.1-21.0	21.0- 23.2	0.0231	0.0410	0.0595	0.0786	0.0981	0.1179	0.1379	0.1580	0.1784	0.1988	0.2193	0.2398	0.2605	0.2811	0.3019	0.3226	0.3434	0.3642	16.7
21.1-23.0	23.3- 25.5	0.0316	0.0565	0.0824	0.1092	0.1365	0.1642	0.1922	0.2204	0.2487	0.2772	0.3058	0.3345	0.3633	0.3921	0.4209	0.4499	0.4788	0.5078	17.7
23.1-25.0	25.6- 27.8	0.0402	0.0719	0.1050	0.1391	0.1739	0.2091	0.2448	0.2806	0.3167	0.3529	0.3893	0.4257	0.4623	0.4989	0.5355	0.5723	0.6091	0.6459	18.7
25.1-27.0	28.0- 30.2	0.0490	0.0875	0.1278	0.1692	0.2115	0.2543	0.2975	0.3411	0.3849	0.4289	0.4731	0.5173	0.5617	0.6062	0.6507	0.6954	0.7401	0.7848	19.6
27.1-29.0	30.3- 32.5	0.0581	0.1036	0.1510	0.1999	0.2498	0.3003	0.3514	0.4028	0.4545	0.5065	0.5586	0.6109	0.6633	0.7159	0.7685	0.8212	0.8740	0.9269	20.5
29.1-31.0	32.6- 34.8	0.0675	0.1201	0.1749	0.2314	0.2891	0.3475	0.4066	0.4661	0.5260	0.5862	0.6466	0.7071	0.7679	0.8287	0.8897	0.9508	1.0120	1.0733	21.3
31.1-33.0	34.9- 37.1	0.0772	0.1371	0.1995	0.2638	0.3295	0.3961	0.4635	0.5313	0.5996	0.6683	0.7372	0.8063	0.8756	0.9451	1.0147	1.0845	1.1543	1.2243	22.0
33.1-35.0	37.2- 39.5	0.0874	0.1548	0.2249	0.2972	0.3711	0.4461	0.5220	0.5984	0.6754	0.7528	0.8305	0.9085	0.9867	1.0651	1.1437	1.2224	1.3012	1.3802	22.6
35.1-37.0	39.6- 41.8	0.0980	0.1731	0.2511	0.3316	0.4139	0.4975	0.5821	0.6675	0.7534	0.8398	0.9266	1.0137	1.1011	1.1887	1.2765	1.3645	1.4526	1.5409	23.2
37.1-39.0	41.9- 44.2	0.1090	0.1920	0.2781	0.3670	0.4579	0.5504	0.6440	0.7384	0.8335	0.9292	1.0254	1.1219	1.2187	1.3158	1.4132	1.5107	1.6084	1.7063	23.8
39.1-41.0	44.3- 46.5	0.1205	0.2116	0.3060	0.4034	0.5031	0.6046	0.7074	0.8112	0.9158	1.0210	1.1268	1.2330	1.3395	1.4464	1.5536	1.6609	1.7685	1.8763	24.3
41.1-43.0	46.6- 48.9	0.1326	0.2318	0.3346	0.4408	0.5495	0.6602	0.7724	0.8858	1.0000	1.1151	1.2307	1.3468	1.4634	1.5803	1.6975	1.8150	1.9327	2.0507	24.7
43.1-45.0	49.0- 51.2	0.1451	0.2528	0.3641	0.4791	0.5970	0.7171	0.8389	0.9621	1.0863	1.2113	1.3370	1.4633	1.5901	1.7173	1.8449	1.9727	2.1009	2.2293	25.2
45.1-47.0	51.3- 53.6	0.1582	0.2744	0.3944	0.5184	0.6456	0.7753	0.9069	1.0400	1.1743	1.3096	1.4456	1.5823	1.7196	1.8573	1.9954	2.1339	2.2727	2.4118	25.6
47.1-49.0	53.7- 55.9	0.1718	0.2968	0.4256	0.5587	0.6953	0.8348	0.9763	1.1196	1.2641	1.4098	1.5564	1.7037	1.8516	2.0001	2.1491	2.2984	2.4481	2.5981	25.9
49.1-51.0	56.1- 58.3	0.1860	0.3200	0.4576	0.5999	0.7461	0.8954	1.0471	1.2006	1.3557	1.5119	1.6692	1.8273	1.9862	2.1456	2.3056	2.4660	2.6268	2.7880	26.2
51.1-53.0	58.4- 60.7	0.2008	0.3438	0.4904	0.6420	0.7979	0.9572	1.1191	1.2831	1.4488	1.6158	1.7840	1.9531	2.1230	2.2936	2.4648	2.6365	2.8086	2.9812	26.5
53.1-55.0	60.8- 63.1	0.2162	0.3685	0.5241	0.6851	0.8508	1.0201	1.1924	1.3669	1.5434	1.7214	1.9006	2.0809	2.2620	2.4440	2.6265	2.8097	2.9934	3.1775	26.8
55.1-57.0	63.2- 65.5	0.2323	0.3939	0.5587	0.7291	0.9046	1.0841	1.2668	1.4521	1.6394	1.8285	2.0189	2.2105	2.4031	2.5965	2.7907	2.9855	3.1808	3.3767	27.1
57.1-59.0	65.6- 67.9	0.2491	0.4202	0.5941	0.7740	0.9594	1.1491	1.3424	1.5385	1.7368	1.9371	2.1388	2.3419	2.5460	2.7511	2.9570	3.1636	3.3708	3.5786	27.3
59.1-61.0	68.0- 70.2	0.2665	0.4472	0.6304	0.8198	1.0151	1.2152	1.4191	1.6260	1.8355	2.0470	2.2602	2.4749	2.6907	2.9076	3.1254	3.3439	3.5632	3.7830	27.5
61.1-63.0	70.4- 72.6	0.2847	0.4751	0.6675	0.8665	1.0717	1.2822	1.4968	1.7147	1.9354	2.1583	2.3831	2.6094	2.8370	3.0658	3.2956	3.5263	3.7577	3.9897	27.7
63.1-65.0	72.8- 75.1	0.3036	0.5039	0.7055	0.9141	1.1293	1.3501	1.5755	1.8045	2.0364	2.2708	2.5072	2.7453	2.9849	3.2257	3.4676	3.7105	3.9541	4.1985	27.9
65.1-67.0	75.2- 77.5	0.3233	0.5336	0.7444	0.9625	1.1878	1.4190	1.6551	1.8952	2.1385	2.3844	2.6325	2.8826	3.1341	3.3871	3.6412	3.8964	4.1525	4.4093	28.0
67.1-69.0	77.6- 79.9	0.3438	0.5641	0.7842	1.0119	1.2471	1.4888	1.7357	1.9869	2.2416	2.4991	2.7590	3.0210	3.2847	3.5498	3.8163	4.0839	4.3524	4.6218	28.2
69.1-71.0	80.0- 82.3	0.3652	0.5956	0.8250	1.0621	1.3074	1.5595	1.8172	2.0795	2.3456	2.6148	2.8865	3.1605	3.4364	3.7138	3.9927	4.2727	4.5539	4.8360	28.3
71.1-73.0	82.4- 84.7	0.3874	0.6280	0.8666	1.1133	1.3685	1.6310	1.8995	2.1730	2.4505	2.7313	3.0150	3.3011	3.5891	3.8789	4.1703	4.4629	4.7567	5.0515	28.4
73.1-75.0	84.8- 87.1	0.4106	0.6614	0.9092	1.1653	1.4304	1.7033	1.9826	2.2672	2.5562	2.8488	3.1444	3.4425	3.7429	4.0451	4.3489	4.6542	4.9607	5.2683	28.5
75.1-77.0	87.3- 89.6	0.4346	0.6958	0.9527	1.2182	1.4931	1.7764	2.0665	2.3623	2.6627	2.9670	3.2745	3.5848	3.8975	4.2121	4.5285	4.8465	5.1658	5.4863	28.6
77.1-79.0	89.7- 92.0	0.4597	0.7313	0.9972	1.2720	1.5567	1.8503	2.1512	2.4581	2.7699	3.0860	3.4054	3.7279	4.0528	4.3800	4.7090	5.0396	5.3718	5.7052	28.7
79.1-81.0	92.1- 94.5	0.4857	0.7677	1.0426	1.3266	1.6212	1.9250	2.2366	2.5546	2.8779	3.2056	3.5370	3.8716	4.2089	4.5485	4.8901	5.2336	5.5785	5.9249	28.8

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

7.0 MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 1, 3, 4, 5, 6, 12, 13

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 23. Merchantable volume (m^3) from 0.30 m stump height to 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	5.5- 7.6	0.0017	0.0030	0.0043	0.0056	0.0070	0.0083	0.0096	0.0109	0.0122	0.0136	0.0149	0.0162	0.0176	0.0189	0.0202	0.0216	0.0229	0.0242	6.5
7.1- 9.0	7.7- 9.9	0.0056	0.0095	0.0133	0.0172	0.0211	0.0250	0.0288	0.0327	0.0366	0.0405	0.0445	0.0484	0.0523	0.0562	0.0601	0.0640	0.0680	0.0719	8.4
9.1-11.0	10.0- 12.1	0.0097	0.0162	0.0227	0.0293	0.0359	0.0425	0.0491	0.0557	0.0623	0.0689	0.0755	0.0822	0.0888	0.0955	0.1021	0.1088	0.1154	0.1221	10.2
11.1-13.0	12.2- 14.4	0.0142	0.0237	0.0334	0.0430	0.0527	0.0624	0.0721	0.0819	0.0916	0.1014	0.1111	0.1209	0.1307	0.1405	0.1503	0.1601	0.1699	0.1797	11.9
13.1-15.0	14.5- 16.6	0.0192	0.0322	0.0454	0.0586	0.0718	0.0851	0.0984	0.1117	0.1250	0.1383	0.1517	0.1650	0.1784	0.1918	0.2052	0.2186	0.2320	0.2454	13.5
15.1-17.0	16.8- 18.9	0.0247	0.0417	0.0588	0.0760	0.0933	0.1105	0.1278	0.1452	0.1625	0.1799	0.1973	0.2147	0.2321	0.2496	0.2670	0.2845	0.3020	0.3195	15.0
17.1-19.0	19.0- 21.2	0.0308	0.0521	0.0736	0.0953	0.1170	0.1387	0.1605	0.1823	0.2042	0.2261	0.2480	0.2699	0.2918	0.3138	0.3358	0.3577	0.3798	0.4018	16.4
19.1-21.0	21.3- 23.4	0.0373	0.0635	0.0898	0.1163	0.1429	0.1696	0.1963	0.2231	0.2499	0.2767	0.3036	0.3305	0.3574	0.3843	0.4113	0.4383	0.4652	0.4923	17.7
21.1-23.0	23.6- 25.7	0.0444	0.0757	0.1073	0.1391	0.1711	0.2031	0.2352	0.2673	0.2995	0.3318	0.3640	0.3964	0.4287	0.4611	0.4935	0.5259	0.5583	0.5908	18.9
23.1-25.0	25.8- 28.0	0.0519	0.0888	0.1261	0.1636	0.2013	0.2391	0.2770	0.3150	0.3531	0.3912	0.4293	0.4675	0.5057	0.5439	0.5822	0.6205	0.6588	0.6972	20.1
25.1-27.0	28.1- 30.3	0.0599	0.1027	0.1461	0.1898	0.2337	0.2777	0.3219	0.3661	0.4104	0.4548	0.4992	0.5437	0.5882	0.6328	0.6774	0.7220	0.7667	0.8114	21.1
27.1-29.0	30.4- 32.6	0.0683	0.1175	0.1674	0.2176	0.2681	0.3188	0.3696	0.4205	0.4715	0.5225	0.5737	0.6249	0.6762	0.7275	0.7788	0.8302	0.8817	0.9331	22.1
29.1-31.0	32.7- 34.8	0.0772	0.1331	0.1898	0.2470	0.3045	0.3622	0.4201	0.4781	0.5362	0.5944	0.6527	0.7110	0.7694	0.8279	0.8865	0.9450	1.0037	1.0623	23.0
31.1-33.0	35.0- 37.1	0.0865	0.1495	0.2135	0.2780	0.3428	0.4080	0.4733	0.5388	0.6044	0.6702	0.7360	0.8019	0.8679	0.9340	1.0001	1.0663	1.1326	1.1989	23.8
33.1-35.0	37.2- 39.4	0.0962	0.1667	0.2382	0.3104	0.3831	0.4560	0.5292	0.6026	0.6762	0.7499	0.8237	0.8976	0.9716	1.0456	1.1198	1.1940	1.2682	1.3426	24.6
35.1-37.0	39.5- 41.7	0.1064	0.1846	0.2641	0.3444	0.4252	0.5063	0.5878	0.6695	0.7513	0.8334	0.9155	0.9978	1.0802	1.1626	1.2452	1.3278	1.4105	1.4933	25.3
37.1-39.0	41.8- 44.0	0.1170	0.2034	0.2911	0.3798	0.4691	0.5588	0.6489	0.7393	0.8298	0.9206	1.0115	1.1025	1.1937	1.2850	1.3763	1.4678	1.5593	1.6509	25.9
39.1-41.0	44.1- 46.3	0.1280	0.2228	0.3192	0.4166	0.5148	0.6135	0.7126	0.8120	0.9116	1.0115	1.1115	1.2117	1.3120	1.4125	1.5130	1.6137	1.7144	1.8153	26.5
41.1-43.0	46.4- 48.6	0.1395	0.2430	0.3483	0.4549	0.5622	0.6702	0.7787	0.8875	0.9966	1.1059	1.2155	1.3252	1.4351	1.5451	1.6552	1.7655	1.8758	1.9863	27.1
43.1-45.0	48.7- 50.9	0.1514	0.2640	0.3785	0.4945	0.6114	0.7290	0.8472	0.9658	1.0847	1.2039	1.3233	1.4429	1.5627	1.6827	1.8028	1.9230	2.0433	2.1638	27.6
45.1-47.0	51.0- 53.2	0.1637	0.2856	0.4098	0.5355	0.6623	0.7899	0.9181	1.0468	1.1759	1.3053	1.4349	1.5648	1.6949	1.8252	1.9556	2.0862	2.2169	2.3477	28.0
47.1-49.0	53.4- 55.5	0.1765	0.3081	0.4420	0.5778	0.7148	0.8527	0.9913	1.1305	1.2701	1.4100	1.5503	1.6908	1.8315	1.9725	2.1136	2.2549	2.3963	2.5378	28.5
49.1-51.0	55.7- 57.9	0.1897	0.3312	0.4753	0.6214	0.7689	0.9175	1.0668	1.2168	1.3672	1.5181	1.6693	1.8208	1.9725	2.1245	2.2767	2.4290	2.5815	2.7342	28.9
51.1-53.0	58.0- 60.2	0.2033	0.3550	0.5096	0.6664	0.8247	0.9842	1.1446	1.3057	1.4673	1.6294	1.7919	1.9547	2.1178	2.2811	2.4447	2.6085	2.7724	2.9365	29.2
53.1-55.0	60.3- 62.5	0.2174	0.3796	0.5449	0.7126	0.8820	1.0528	1.2245	1.3971	1.5702	1.7439	1.9180	2.0925	2.2673	2.4423	2.6176	2.7931	2.9689	3.1448	29.6
55.1-57.0	62.6- 64.8	0.2319	0.4049	0.5812	0.7601	0.9409	1.1232	1.3067	1.4910	1.6759	1.8615	2.0476	2.2340	2.4208	2.6079	2.7953	2.9829	3.1708	3.3588	29.9
57.1-59.0	65.0- 67.2	0.2469	0.4310	0.6184	0.8088	1.0013	1.1955	1.3909	1.5873	1.7844	1.9822	2.1805	2.3793	2.5784	2.7779	2.9777	3.1778	3.3781	3.5786	30.1
59.1-61.0	67.3- 69.5	0.2624	0.4578	0.6567	0.8588	1.0633	1.2696	1.4772	1.6860	1.8956	2.1059	2.3168	2.5282	2.7400	2.9522	3.1647	3.3775	3.5906	3.8040	30.4
61.1-63.0	69.6- 71.8	0.2783	0.4852	0.6959	0.9100	1.1267	1.3454	1.5656	1.7870	2.0094	2.2325	2.4563	2.6806	2.9054	3.1307	3.3563	3.5822	3.8084	4.0348	30.6
63.1-65.0	71.9- 74.2	0.2947	0.5135	0.7361	0.9624	1.1916	1.4230	1.6560	1.8904	2.1258	2.3620	2.5990	2.8366	3.0747	3.3133	3.5522	3.7915	4.0312	4.2711	30.8
65.1-67.0	74.3- 76.5	0.3116	0.5425	0.7773	1.0161	1.2580	1.5023	1.7484	1.9960	2.2448	2.4944	2.7449	2.9960	3.2477	3.4999	3.7526	4.0056	4.2589	4.5126	31.0
67.1-69.0	76.6- 78.9	0.3290	0.5722	0.8194	1.0709	1.3258	1.5833	1.8428	2.1039	2.3662	2.6296	2.8939	3.1588	3.4244	3.6906	3.9572	4.2242	4.4916	4.7594	31.2
69.1-71.0	79.0- 81.2	0.3469	0.6027	0.8625	1.1270	1.3951	1.6660	1.9391	2.2140	2.4902	2.7676	3.0459	3.3250	3.6047	3.8851	4.1660	4.4473	4.7291	5.0112	31.4
71.1-73.0	81.3- 83.6	0.3654	0.6339	0.9066	1.1842	1.4657	1.7503	2.0373	2.3262	2.6166	2.9082	3.2008	3.4943	3.7886	4.0835	4.3789	4.6749	4.9713	5.2680	31.5
73.1-75.0	83.7- 85.9	0.3843	0.6659	0.9516	1.2426	1.5378	1.8363	2.1374	2.4406	2.7454	3.0515	3.3587	3.6669	3.9759	4.2856	4.5959	4.9067	5.2181	5.5298	31.7
75.1-77.0	86.0- 88.3	0.4038	0.6986	0.9977	1.3022	1.6113	1.9239	2.2394	2.5571	2.8765	3.1974	3.5195	3.8427	4.1667	4.4914	4.8169	5.1429	5.4694	5.7964	31.8
77.1-79.0	88.4- 90.6	0.4238	0.7322	1.0446	1.3629	1.6861	2.0131	2.3432	2.6756	3.0100	3.3459	3.6832	4.0215	4.3608	4.7009	5.0417	5.3832	5.7252	6.0677	31.9
79.1-81.0	90.7- 93.0	0.4444	0.7665	1.0926	1.4248	1.7623	2.1039	2.4488	2.7962	3.1457	3.4969	3.8496	4.2034	4.5582	4.9139	5.2704	5.6276	5.9854	6.3437	32.0

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 24. Merchantable volume (m^3) from 0.30 m stump height to 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	7.7- 9.9	0.0020	0.0036	0.0052	0.0068	0.0083	0.0099	0.0115	0.0131	0.0147	0.0163	0.0179	0.0195	0.0211	0.0227	0.0243	0.0259	0.0275	0.0291	8.4
9.1-11.0	10.0- 12.1	0.0073	0.0125	0.0177	0.0229	0.0282	0.0335	0.0388	0.0441	0.0494	0.0547	0.0601	0.0654	0.0707	0.0761	0.0814	0.0867	0.0921	0.0974	10.2
11.1-13.0	12.2- 14.4	0.0124	0.0210	0.0297	0.0384	0.0471	0.0559	0.0647	0.0735	0.0823	0.0912	0.1000	0.1088	0.1177	0.1265	0.1354	0.1443	0.1531	0.1620	11.9
13.1-15.0	14.5- 16.6	0.0177	0.0300	0.0424	0.0549	0.0674	0.0799	0.0925	0.1051	0.1177	0.1303	0.1429	0.1555	0.1682	0.1808	0.1935	0.2061	0.2188	0.2315	13.5
15.1-17.0	16.8- 18.9	0.0235	0.0398	0.0563	0.0729	0.0895	0.1062	0.1229	0.1397	0.1564	0.1732	0.1900	0.2068	0.2236	0.2404	0.2573	0.2741	0.2910	0.3079	15.0
17.1-19.0	19.0- 21.2	0.0297	0.0504	0.0715	0.0926	0.1137	0.1350	0.1563	0.1776	0.1989	0.2203	0.2417	0.2631	0.2845	0.3059	0.3274	0.3489	0.3704	0.3919	16.4
19.1-21.0	21.3- 23.4	0.0363	0.0620	0.0879	0.1139	0.1401	0.1663	0.1926	0.2189	0.2452	0.2716	0.2980	0.3245	0.3509	0.3774	0.4039	0.4305	0.4570	0.4836	17.7
21.1-23.0	23.6- 25.7	0.0434	0.0743	0.1055	0.1369	0.1685	0.2001	0.2318	0.2636	0.2954	0.3272	0.3591	0.3910	0.4229	0.4549	0.4869	0.5189	0.5510	0.5830	18.9
23.1-25.0	25.8- 28.0	0.0510	0.0875	0.1245	0.1616	0.1990	0.2364	0.2740	0.3116	0.3493	0.3870	0.4248	0.4626	0.5005	0.5384	0.5763	0.6142	0.6522	0.6902	20.1
25.1-27.0	28.1- 30.3	0.0590	0.1016	0.1446	0.1880	0.2315	0.2752	0.3190	0.3630	0.4069	0.4510	0.4951	0.5392	0.5834	0.6277	0.6719	0.7162	0.7606	0.8049	21.1
27.1-29.0	30.4- 32.6	0.0675	0.1164	0.1660	0.2159	0.2661	0.3164	0.3669	0.4176	0.4683	0.5190	0.5699	0.6208	0.6718	0.7228	0.7738	0.8249	0.8760	0.9272	22.1
29.1-31.0	32.7- 34.8	0.0764	0.1321	0.1885	0.2454	0.3026	0.3600	0.4176	0.4753	0.5332	0.5911	0.6491	0.7072	0.7653	0.8235	0.8818	0.9401	0.9984	1.0568	23.0
31.1-33.0	35.0- 37.1	0.0858	0.1485	0.2122	0.2764	0.3410	0.4059	0.4710	0.5362	0.6016	0.6671	0.7327	0.7983	0.8641	0.9299	0.9958	1.0617	1.1277	1.1937	23.8
33.1-35.0	37.2- 39.4	0.0955	0.1657	0.2370	0.3089	0.3813	0.4541	0.5270	0.6002	0.6735	0.7470	0.8205	0.8942	0.9679	1.0417	1.1156	1.1896	1.2636	1.3377	24.6
35.1-37.0	39.5- 41.7	0.1057	0.1837	0.2629	0.3430	0.4235	0.5045	0.5857	0.6671	0.7488	0.8306	0.9125	0.9946	1.0767	1.1590	1.2413	1.3237	1.4061	1.4887	25.3
37.1-39.0	41.8- 44.0	0.1164	0.2024	0.2900	0.3784	0.4675	0.5570	0.6469	0.7370	0.8274	0.9179	1.0086	1.0995	1.1904	1.2814	1.3726	1.4638	1.5551	1.6465	25.9
39.1-41.0	44.1- 46.3	0.1274	0.2219	0.3181	0.4153	0.5133	0.6117	0.7106	0.8098	0.9093	1.0089	1.1088	1.2087	1.3089	1.4091	1.5095	1.6099	1.7104	1.8111	26.5
41.1-43.0	46.4- 48.6	0.1389	0.2422	0.3473	0.4536	0.5608	0.6686	0.7768	0.8854	0.9943	1.1035	1.2128	1.3223	1.4320	1.5418	1.6518	1.7618	1.8720	1.9822	27.1
43.1-45.0	48.7- 50.9	0.1508	0.2631	0.3775	0.4932	0.6100	0.7274	0.8454	0.9638	1.0825	1.2015	1.3207	1.4402	1.5598	1.6796	1.7995	1.9195	2.0396	2.1599	27.6
45.1-47.0	51.0- 53.2	0.1631	0.2848	0.4087	0.5343	0.6609	0.7883	0.9163	1.0449	1.1738	1.3030	1.4325	1.5622	1.6921	1.8222	1.9524	2.0828	2.2133	2.3439	28.0
47.1-49.0	53.4- 55.5	0.1759	0.3072	0.4410	0.5766	0.7134	0.8512	0.9896	1.1286	1.2680	1.4078	1.5479	1.6882	1.8288	1.9696	2.1105	2.2516	2.3928	2.5342	28.5
49.1-51.0	55.7- 57.9	0.1891	0.3304	0.4743	0.6203	0.7676	0.9160	1.0652	1.2150	1.3652	1.5159	1.6670	1.8183	1.9699	2.1216	2.2736	2.4258	2.5781	2.7306	28.9
51.1-53.0	58.0- 60.2	0.2027	0.3543	0.5086	0.6652	0.8234	0.9827	1.1430	1.3039	1.4654	1.6273	1.7896	1.9523	2.1152	2.2784	2.4417	2.6053	2.7691	2.9330	29.2
53.1-55.0	60.3- 62.5	0.2168	0.3789	0.5439	0.7114	0.8807	1.0513	1.2229	1.3953	1.5683	1.7418	1.9158	2.0901	2.2647	2.4396	2.6147	2.7901	2.9656	3.1414	29.6
55.1-57.0	62.6- 64.8	0.2314	0.4042	0.5802	0.7590	0.9396	1.1218	1.3051	1.4892	1.6741	1.8595	2.0454	2.2317	2.4183	2.6053	2.7925	2.9799	3.1676	3.3555	29.9
57.1-59.0	65.0- 67.2	0.2464	0.4302	0.6175	0.8077	1.0001	1.1941	1.3893	1.5856	1.7826	1.9802	2.1783	2.3770	2.5760	2.7753	2.9749	3.1748	3.3750	3.5753	30.1
59.1-61.0	67.3- 69.5	0.2618	0.4570	0.6558	0.8577	1.0620	1.2682	1.4757	1.6843	1.8937	2.1039	2.3146	2.5259	2.7376	2.9496	3.1620	3.3746	3.5876	3.8008	30.4
61.1-63.0	69.6- 71.8	0.2778	0.4845	0.6950	0.9089	1.1255	1.3440	1.5641	1.7854	2.0076	2.2306	2.4542	2.6784	2.9030	3.1281	3.3535	3.5793	3.8053	4.0317	30.6
63.1-65.0	71.9- 74.2	0.2942	0.5127	0.7352	0.9614	1.1904	1.4216	1.6545	1.8887	2.1240	2.3601	2.5969	2.8344	3.0723	3.3107	3.5496	3.7887	4.0282	4.2679	30.8
65.1-67.0	74.3- 76.5	0.3111	0.5417	0.7764	1.0150	1.2568	1.5010	1.7469	1.9944	2.2430	2.4925	2.7428	2.9938	3.2454	3.4974	3.7499	4.0028	4.2560	4.5095	31.0
67.1-69.0	76.6- 78.9	0.3285	0.5714	0.8185	1.0699	1.3246	1.5820	1.8413	2.1023	2.3645	2.6277	2.8918	3.1566	3.4221	3.6881	3.9545	4.2214	4.4887	4.7563	31.2
69.1-71.0	79.0- 81.2	0.3464	0.6019	0.8616	1.1259	1.3939	1.6647	1.9376	2.2124	2.4884	2.7657	3.0438	3.3228	3.6024	3.8826	4.1634	4.4446	4.7262	5.0081	31.4
71.1-73.0	81.3- 83.6	0.3648	0.6332	0.9057	1.1831	1.4645	1.7490	2.0359	2.3246	2.6148	2.9063	3.1988	3.4922	3.7863	4.0810	4.3763	4.6721	4.9684	5.2650	31.5
73.1-75.0	83.7- 85.9	0.3838	0.6651	0.9507	1.2415	1.5366	1.8350	2.1360	2.4390	2.7436	3.0496	3.3567	3.6648	3.9736	4.2832	4.5933	4.9040	5.2152	5.5268	31.7
75.1-77.0	86.0- 88.3	0.4033	0.6979	0.9968	1.3011	1.6101	1.9226	2.2379	2.5555	2.8748	3.1955	3.5175	3.8405	4.1644	4.4890	4.8143	5.1402	5.4665	5.7934	31.8
77.1-79.0	88.4- 90.6	0.4233	0.7315	1.0438	1.3619	1.6849	2.0118	2.3417	2.6740	3.0082	3.3440	3.6812	4.0194	4.3585	4.6985	5.0392	5.3805	5.7223	6.0647	31.9
79.1-81.0	90.7- 93.0	0.4439	0.7658	1.0917	1.4238	1.7611	2.1026	2.4473	2.7946	3.1440	3.4951	3.8476	4.2012	4.5559	4.9115	5.2679	5.6249	5.9825	6.3407	32.0

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 25. Merchantable volume (m^3) from 0.30 m stump height to 10.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.2- 14.4	0.0058	0.0102	0.0146	0.0190	0.0234	0.0278	0.0323	0.0367	0.0412	0.0456	0.0501	0.0545	0.0590	0.0635	0.0679	0.0724	0.0769	0.0814	11.9
13.1-15.0	14.5- 16.6	0.0126	0.0219	0.0314	0.0409	0.0504	0.0600	0.0696	0.0792	0.0889	0.0985	0.1082	0.1178	0.1275	0.1372	0.1469	0.1566	0.1663	0.1760	13.5
15.1-17.0	16.8- 18.9	0.0193	0.0333	0.0475	0.0618	0.0762	0.0906	0.1051	0.1195	0.1340	0.1485	0.1631	0.1776	0.1922	0.2067	0.2213	0.2359	0.2505	0.2651	15.0
17.1-19.0	19.0- 21.2	0.0261	0.0450	0.0641	0.0833	0.1026	0.1220	0.1414	0.1609	0.1804	0.1999	0.2194	0.2390	0.2586	0.2781	0.2977	0.3174	0.3370	0.3566	16.4
19.1-21.0	21.3- 23.4	0.0332	0.0571	0.0814	0.1059	0.1305	0.1551	0.1798	0.2046	0.2293	0.2541	0.2790	0.3039	0.3287	0.3536	0.3786	0.4035	0.4285	0.4534	17.7
21.1-23.0	23.6- 25.7	0.0406	0.0700	0.0998	0.1298	0.1600	0.1902	0.2206	0.2510	0.2814	0.3119	0.3424	0.3729	0.4035	0.4341	0.4647	0.4953	0.5259	0.5566	18.9
23.1-25.0	25.8- 28.0	0.0484	0.0836	0.1193	0.1552	0.1913	0.2276	0.2639	0.3003	0.3368	0.3733	0.4098	0.4464	0.4831	0.5197	0.5564	0.5931	0.6299	0.6666	20.1
25.1-27.0	28.1- 30.3	0.0566	0.0979	0.1398	0.1821	0.2245	0.2671	0.3099	0.3527	0.3956	0.4385	0.4815	0.5246	0.5677	0.6108	0.6540	0.6971	0.7404	0.7836	21.1
27.1-29.0	30.4- 32.6	0.0652	0.1130	0.1615	0.2104	0.2596	0.3090	0.3585	0.4081	0.4578	0.5076	0.5574	0.6073	0.6573	0.7073	0.7573	0.8074	0.8576	0.9077	22.1
29.1-31.0	32.7- 34.8	0.0743	0.1289	0.1843	0.2403	0.2966	0.3531	0.4098	0.4666	0.5235	0.5805	0.6376	0.6948	0.7520	0.8093	0.8666	0.9240	0.9814	1.0388	23.0
31.1-33.0	35.0- 37.1	0.0837	0.1455	0.2083	0.2716	0.3354	0.3994	0.4636	0.5280	0.5926	0.6572	0.7219	0.7868	0.8517	0.9166	0.9816	1.0467	1.1118	1.1770	23.8
33.1-35.0	37.2- 39.4	0.0936	0.1629	0.2333	0.3044	0.3760	0.4479	0.5201	0.5925	0.6650	0.7377	0.8104	0.8833	0.9563	1.0293	1.1024	1.1755	1.2488	1.3220	24.6
35.1-37.0	39.5- 41.7	0.1039	0.1810	0.2594	0.3386	0.4185	0.4987	0.5791	0.6599	0.7408	0.8218	0.9030	0.9843	1.0657	1.1472	1.2288	1.3104	1.3922	1.4739	25.3
37.1-39.0	41.8- 44.0	0.1146	0.1998	0.2866	0.3743	0.4627	0.5515	0.6407	0.7301	0.8198	0.9096	0.9996	1.0898	1.1800	1.2703	1.3608	1.4513	1.5419	1.6326	25.9
39.1-41.0	44.1- 46.3	0.1257	0.2194	0.3148	0.4113	0.5086	0.6065	0.7047	0.8032	0.9020	1.0010	1.1002	1.1995	1.2990	1.3985	1.4982	1.5980	1.6979	1.7978	26.5
41.1-43.0	46.4- 48.6	0.1372	0.2397	0.3441	0.4498	0.5563	0.6635	0.7711	0.8791	0.9874	1.0959	1.2046	1.3135	1.4226	1.5318	1.6411	1.7505	1.8600	1.9696	27.1
43.1-45.0	48.7- 50.9	0.1491	0.2607	0.3744	0.4896	0.6057	0.7225	0.8399	0.9577	1.0758	1.1942	1.3129	1.4317	1.5507	1.6699	1.7892	1.9086	2.0282	2.1478	27.6
45.1-47.0	51.0- 53.2	0.1615	0.2825	0.4058	0.5307	0.6567	0.7836	0.9110	1.0390	1.1673	1.2960	1.4249	1.5540	1.6834	1.8129	1.9425	2.0724	2.2023	2.3323	28.0
47.1-49.0	53.4- 55.5	0.1743	0.3050	0.4381	0.5731	0.7094	0.8466	0.9845	1.1229	1.2618	1.4010	1.5406	1.6804	1.8204	1.9606	2.1010	2.2415	2.3822	2.5230	28.5
49.1-51.0	55.7- 57.9	0.1876	0.3282	0.4715	0.6169	0.7637	0.9115	1.0602	1.2094	1.3592	1.5094	1.6599	1.8107	1.9617	2.1130	2.2645	2.4161	2.5679	2.7198	28.9
51.1-53.0	58.0- 60.2	0.2012	0.3521	0.5059	0.6619	0.8195	0.9784	1.1381	1.2985	1.4595	1.6209	1.7827	1.9449	2.1073	2.2700	2.4329	2.5959	2.7592	2.9226	29.2
53.1-55.0	60.3- 62.5	0.2154	0.3767	0.5412	0.7082	0.8770	1.0471	1.2182	1.3901	1.5626	1.7356	1.9091	2.0829	2.2570	2.4314	2.6061	2.7810	2.9560	3.1313	29.6
55.1-57.0	62.6- 64.8	0.2299	0.4021	0.5776	0.7558	0.9360	1.1177	1.3005	1.4841	1.6685	1.8534	2.0389	2.2247	2.4109	2.5973	2.7841	2.9711	3.1583	3.3457	29.9
57.1-59.0	65.0- 67.2	0.2450	0.4282	0.6149	0.8046	0.9965	1.1900	1.3848	1.5806	1.7771	1.9743	2.1720	2.3701	2.5687	2.7676	2.9667	3.1662	3.3659	3.5658	30.1
59.1-61.0	67.3- 69.5	0.2604	0.4550	0.6532	0.8546	1.0585	1.2642	1.4713	1.6794	1.8884	2.0981	2.3084	2.5192	2.7305	2.9421	3.1540	3.3662	3.5787	3.7914	30.4
61.1-63.0	69.6- 71.8	0.2764	0.4825	0.6925	0.9059	1.1220	1.3401	1.5597	1.7806	2.0023	2.2249	2.4481	2.6719	2.8961	3.1207	3.3457	3.5710	3.7966	4.0225	30.6
63.1-65.0	71.9- 74.2	0.2928	0.5108	0.7327	0.9584	1.1870	1.4178	1.6502	1.8840	2.1189	2.3546	2.5910	2.8280	3.0655	3.3035	3.5419	3.7806	4.0197	4.2590	30.8
65.1-67.0	74.3- 76.5	0.3098	0.5398	0.7739	1.0121	1.2534	1.4971	1.7427	1.9897	2.2379	2.4870	2.7370	2.9875	3.2387	3.4903	3.7424	3.9948	4.2476	4.5007	31.0
67.1-69.0	76.6- 78.9	0.3272	0.5695	0.8161	1.0670	1.3213	1.5782	1.8372	2.0977	2.3595	2.6223	2.8860	3.1505	3.4155	3.6811	3.9471	4.2136	4.4805	4.7476	31.2
69.1-71.0	79.0- 81.2	0.3451	0.6000	0.8592	1.1230	1.3906	1.6609	1.9335	2.2078	2.4835	2.7604	3.0381	3.3167	3.5959	3.8757	4.1561	4.4369	4.7181	4.9996	31.4
71.1-73.0	81.3- 83.6	0.3636	0.6313	0.9033	1.1803	1.4613	1.7453	2.0318	2.3201	2.6100	2.9011	3.1932	3.4862	3.7799	4.0742	4.3691	4.6645	4.9604	5.2566	31.5
73.1-75.0	83.7- 85.9	0.3825	0.6633	0.9484	1.2387	1.5334	1.8314	2.1319	2.4346	2.7388	3.0444	3.3512	3.6588	3.9673	4.2765	4.5862	4.8965	5.2073	5.5185	31.7
75.1-77.0	86.0- 88.3	0.4020	0.6961	0.9944	1.2983	1.6069	1.9190	2.2339	2.5511	2.8700	3.1904	3.5120	3.8346	4.1581	4.4824	4.8073	5.1328	5.4587	5.7852	31.8
77.1-79.0	88.4- 90.6	0.4221	0.7296	1.0414	1.3591	1.6817	2.0082	2.3377	2.6697	3.0035	3.3390	3.6757	4.0135	4.3523	4.6919	5.0322	5.3732	5.7146	6.0566	31.9
79.1-81.0	90.7- 93.0	0.4427	0.7640	1.0894	1.4210	1.7579	2.0990	2.4434	2.7903	3.1393	3.4900	3.8422	4.1955	4.5498	4.9050	5.2610	5.6176	5.9749	6.3327	32.0

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 26. Merchantable volume (m^3) from 0.30 m stump height to 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.2- 14.4	0.0024	0.0044	0.0063	0.0081	0.0099	0.0117	0.0135	0.0153	0.0172	0.0190	0.0208	0.0226	0.0244	0.0263	0.0281	0.0299	0.0318	0.0336	11.9
13.1-15.0	14.5- 16.6	0.0098	0.0172	0.0247	0.0322	0.0397	0.0473	0.0549	0.0625	0.0701	0.0777	0.0853	0.0930	0.1006	0.1083	0.1160	0.1236	0.1313	0.1390	13.5
15.1-17.0	16.8- 18.9	0.0170	0.0296	0.0424	0.0553	0.0683	0.0813	0.0943	0.1074	0.1205	0.1336	0.1467	0.1598	0.1730	0.1861	0.1993	0.2125	0.2257	0.2388	15.0
17.1-19.0	19.0- 21.2	0.0242	0.0419	0.0600	0.0781	0.0963	0.1146	0.1329	0.1513	0.1697	0.1881	0.2066	0.2250	0.2435	0.2620	0.2805	0.2990	0.3175	0.3361	16.4
19.1-21.0	21.3- 23.4	0.0315	0.0546	0.0779	0.1015	0.1252	0.1489	0.1727	0.1965	0.2204	0.2443	0.2683	0.2922	0.3162	0.3402	0.3643	0.3883	0.4123	0.4364	17.7
21.1-23.0	23.6- 25.7	0.0391	0.0677	0.0968	0.1260	0.1554	0.1849	0.2144	0.2440	0.2737	0.3034	0.3331	0.3629	0.3927	0.4225	0.4524	0.4822	0.5121	0.5420	18.9
23.1-25.0	25.8- 28.0	0.0471	0.0816	0.1165	0.1518	0.1872	0.2228	0.2585	0.2942	0.3300	0.3658	0.4017	0.4376	0.4736	0.5095	0.5456	0.5816	0.6177	0.6537	20.1
25.1-27.0	28.1- 30.3	0.0554	0.0961	0.1374	0.1790	0.2208	0.2628	0.3050	0.3472	0.3895	0.4318	0.4742	0.5167	0.5591	0.6017	0.6442	0.6868	0.7294	0.7721	21.1
27.1-29.0	30.4- 32.6	0.0641	0.1113	0.1592	0.2076	0.2562	0.3050	0.3540	0.4031	0.4522	0.5015	0.5508	0.6002	0.6496	0.6990	0.7485	0.7981	0.8476	0.8972	22.1
29.1-31.0	32.7- 34.8	0.0732	0.1273	0.1822	0.2377	0.2934	0.3494	0.4056	0.4619	0.5184	0.5749	0.6315	0.6881	0.7449	0.8017	0.8585	0.9154	0.9723	1.0292	23.0
31.1-33.0	35.0- 37.1	0.0827	0.1440	0.2063	0.2692	0.3325	0.3960	0.4598	0.5237	0.5878	0.6520	0.7163	0.7806	0.8451	0.9096	0.9741	1.0387	1.1034	1.1681	23.8
33.1-35.0	37.2- 39.4	0.0926	0.1614	0.2314	0.3021	0.3733	0.4448	0.5165	0.5885	0.6606	0.7328	0.8052	0.8776	0.9501	1.0227	1.0954	1.1681	1.2409	1.3138	24.6
35.1-37.0	39.5- 41.7	0.1030	0.1796	0.2576	0.3365	0.4159	0.4957	0.5757	0.6561	0.7366	0.8173	0.8981	0.9790	1.0600	1.1411	1.2222	1.3035	1.3848	1.4662	25.3
37.1-39.0	41.8- 44.0	0.1137	0.1985	0.2849	0.3722	0.4602	0.5487	0.6375	0.7265	0.8158	0.9053	0.9949	1.0847	1.1746	1.2645	1.3546	1.4447	1.5350	1.6253	25.9
39.1-41.0	44.1- 46.3	0.1248	0.2181	0.3132	0.4093	0.5063	0.6037	0.7016	0.7998	0.8982	0.9969	1.0957	1.1947	1.2938	1.3930	1.4924	1.5918	1.6913	1.7909	26.5
41.1-43.0	46.4- 48.6	0.1364	0.2385	0.3425	0.4479	0.5541	0.6609	0.7682	0.8758	0.9838	1.0920	1.2004	1.3089	1.4177	1.5265	1.6355	1.7446	1.8538	1.9631	27.1
43.1-45.0	48.7- 50.9	0.1484	0.2596	0.3729	0.4877	0.6035	0.7200	0.8371	0.9546	1.0724	1.1905	1.3088	1.4274	1.5461	1.6649	1.7839	1.9030	2.0222	2.1416	27.6
45.1-47.0	51.0- 53.2	0.1608	0.2814	0.4043	0.5289	0.6546	0.7812	0.9083	1.0360	1.1640	1.2924	1.4210	1.5498	1.6789	1.8081	1.9375	2.0670	2.1966	2.3263	28.0
47.1-49.0	53.4- 55.5	0.1736	0.3039	0.4367	0.5714	0.7074	0.8443	0.9819	1.1200	1.2586	1.3976	1.5368	1.6763	1.8161	1.9560	2.0961	2.2364	2.3768	2.5173	28.5
49.1-51.0	55.7- 57.9	0.1868	0.3271	0.4701	0.6152	0.7617	0.9093	1.0577	1.2067	1.3561	1.5060	1.6563	1.8068	1.9576	2.1086	2.2598	2.4111	2.5626	2.7143	28.9
51.1-53.0	58.0- 60.2	0.2005	0.3510	0.5045	0.6603	0.8176	0.9762	1.1357	1.2958	1.4565	1.6177	1.7793	1.9411	2.1033	2.2657	2.4283	2.5911	2.7541	2.9173	29.2
53.1-55.0	60.3- 62.5	0.2147	0.3757	0.5399	0.7066	0.8751	1.0450	1.2158	1.3875	1.5597	1.7325	1.9057	2.0793	2.2532	2.4273	2.6017	2.7763	2.9511	3.1261	29.6
55.1-57.0	62.6- 64.8	0.2293	0.4011	0.5763	0.7542	0.9342	1.1156	1.2981	1.4816	1.6657	1.8504	2.0356	2.2212	2.4071	2.5933	2.7798	2.9666	3.1535	3.3407	29.9
57.1-59.0	65.0- 67.2	0.2443	0.4272	0.6136	0.8031	0.9947	1.1880	1.3826	1.5781	1.7744	1.9713	2.1688	2.3667	2.5650	2.7637	2.9626	3.1618	3.3612	3.5609	30.1
59.1-61.0	67.3- 69.5	0.2598	0.4540	0.6520	0.8531	1.0568	1.2622	1.4690	1.6770	1.8857	2.0952	2.3053	2.5159	2.7269	2.9382	3.1499	3.3619	3.5742	3.7867	30.4
61.1-63.0	69.6- 71.8	0.2758	0.4816	0.6913	0.9044	1.1203	1.3382	1.5576	1.7782	1.9997	2.2221	2.4451	2.6686	2.8926	3.1170	3.3418	3.5669	3.7923	4.0179	30.6
63.1-65.0	71.9- 74.2	0.2922	0.5098	0.7315	0.9570	1.1853	1.4159	1.6481	1.8817	2.1163	2.3518	2.5880	2.8248	3.0621	3.2999	3.5380	3.7766	4.0154	4.2545	30.8
65.1-67.0	74.3- 76.5	0.3092	0.5389	0.7727	1.0107	1.2518	1.4953	1.7406	1.9875	2.2354	2.4843	2.7340	2.9844	3.2353	3.4868	3.7386	3.9909	4.2434	4.4963	31.0
67.1-69.0	76.6- 78.9	0.3266	0.5686	0.8149	1.0656	1.3197	1.5764	1.8351	2.0954	2.3570	2.6197	2.8832	3.1474	3.4122	3.6776	3.9435	4.2097	4.4764	4.7433	31.2
69.1-71.0	79.0- 81.2	0.3445	0.5991	0.8581	1.1217	1.3890	1.6591	1.9315	2.2056	2.4811	2.7577	3.0353	3.3137	3.5927	3.8723	4.1525	4.4331	4.7141	4.9954	31.4
71.1-73.0	81.3- 83.6	0.3630	0.6304	0.9022	1.1789	1.4597	1.7436	2.0298	2.3180	2.6076	2.8985	3.1904	3.4832	3.7767	4.0709	4.3656	4.6608	4.9564	5.2525	31.5
73.1-75.0	83.7- 85.9	0.3820	0.6624	0.9473	1.2374	1.5318	1.8296	2.1300	2.4324	2.7365	3.0419	3.3484	3.6559	3.9642	4.2732	4.5827	4.8928	5.2034	5.5144	31.7
75.1-77.0	86.0- 88.3	0.4015	0.6952	0.9933	1.2970	1.6053	1.9172	2.2320	2.5490	2.8677	3.1879	3.5093	3.8318	4.1551	4.4791	4.8038	5.1291	5.4549	5.7812	31.8
77.1-79.0	88.4- 90.6	0.4215	0.7288	1.0403	1.3578	1.6802	2.0065	2.3358	2.6676	3.0012	3.3365	3.6730	4.0107	4.3493	4.6887	5.0288	5.3696	5.7109	6.0527	31.9
79.1-81.0	90.7- 93.0	0.4421	0.7631	1.0883	1.4197	1.7564	2.0973	2.4415	2.7882	3.1371	3.4876	3.8395	4.1927	4.5468	4.9018	5.2576	5.6141	5.9712	6.3288	32.0

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 27. Merchantable volume (m^3) from 0.30 m stump height to 13.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
13.1-15.0	14.5- 16.6	0.0027	0.0049	0.0069	0.0088	0.0107	0.0127	0.0146	0.0165	0.0184	0.0204	0.0223	0.0243	0.0262	0.0282	0.0301	0.0321	0.0340	0.0360	13.5
15.1-17.0	16.8- 18.9	0.0109	0.0191	0.0273	0.0356	0.0438	0.0521	0.0604	0.0687	0.0771	0.0854	0.0938	0.1021	0.1105	0.1189	0.1272	0.1356	0.1440	0.1524	15.0
17.1-19.0	19.0- 21.2	0.0191	0.0334	0.0480	0.0627	0.0775	0.0924	0.1073	0.1222	0.1372	0.1522	0.1672	0.1822	0.1972	0.2123	0.2274	0.2424	0.2575	0.2726	16.4
19.1-21.0	21.3- 23.4	0.0271	0.0474	0.0681	0.0889	0.1098	0.1309	0.1520	0.1731	0.1943	0.2155	0.2368	0.2580	0.2793	0.3006	0.3219	0.3433	0.3646	0.3860	17.7
21.1-23.0	23.6- 25.7	0.0353	0.0616	0.0883	0.1152	0.1424	0.1696	0.1969	0.2243	0.2517	0.2791	0.3066	0.3342	0.3617	0.3893	0.4169	0.4445	0.4721	0.4998	18.9
23.1-25.0	25.8- 28.0	0.0436	0.0761	0.1091	0.1424	0.1758	0.2095	0.2432	0.2770	0.3108	0.3448	0.3787	0.4127	0.4467	0.4808	0.5149	0.5490	0.5831	0.6172	20.1
25.1-27.0	28.1- 30.3	0.0523	0.0911	0.1306	0.1705	0.2107	0.2509	0.2914	0.3319	0.3725	0.4131	0.4538	0.4946	0.5354	0.5762	0.6170	0.6579	0.6989	0.7398	21.1
27.1-29.0	30.4- 32.6	0.0612	0.1068	0.1531	0.1999	0.2470	0.2943	0.3417	0.3893	0.4369	0.4846	0.5324	0.5802	0.6281	0.6761	0.7241	0.7721	0.8201	0.8682	22.1
29.1-31.0	32.7- 34.8	0.0705	0.1231	0.1765	0.2306	0.2849	0.3396	0.3944	0.4493	0.5043	0.5595	0.6147	0.6700	0.7253	0.7807	0.8362	0.8917	0.9472	1.0028	23.0
31.1-33.0	35.0- 37.1	0.0802	0.1400	0.2010	0.2626	0.3246	0.3869	0.4494	0.5121	0.5749	0.6378	0.7008	0.7639	0.8271	0.8903	0.9536	1.0169	1.0803	1.1438	23.8
33.1-35.0	37.2- 39.4	0.0902	0.1577	0.2264	0.2959	0.3659	0.4362	0.5068	0.5776	0.6485	0.7196	0.7908	0.8620	0.9334	1.0048	1.0764	1.1479	1.2195	1.2912	24.6
35.1-37.0	39.5- 41.7	0.1007	0.1761	0.2529	0.3306	0.4089	0.4876	0.5666	0.6459	0.7253	0.8049	0.8846	0.9644	1.0443	1.1244	1.2045	1.2846	1.3648	1.4451	25.3
37.1-39.0	41.8- 44.0	0.1115	0.1951	0.2804	0.3667	0.4536	0.5411	0.6288	0.7169	0.8052	0.8936	0.9823	1.0710	1.1599	1.2488	1.3379	1.4270	1.5162	1.6055	25.9
39.1-41.0	44.1- 46.3	0.1227	0.2149	0.3089	0.4041	0.5000	0.5965	0.6934	0.7907	0.8882	0.9859	1.0837	1.1818	1.2799	1.3782	1.4766	1.5751	1.6736	1.7723	26.5
41.1-43.0	46.4- 48.6	0.1344	0.2354	0.3385	0.4428	0.5481	0.6540	0.7604	0.8671	0.9742	1.0815	1.1890	1.2967	1.4045	1.5125	1.6205	1.7287	1.8370	1.9454	27.1
43.1-45.0	48.7- 50.9	0.1464	0.2566	0.3690	0.4829	0.5978	0.7134	0.8296	0.9463	1.0632	1.1805	1.2980	1.4157	1.5335	1.6515	1.7697	1.8879	2.0063	2.1248	27.6
45.1-47.0	51.0- 53.2	0.1589	0.2785	0.4005	0.5242	0.6491	0.7748	0.9012	1.0280	1.1553	1.2828	1.4106	1.5387	1.6669	1.7953	1.9239	2.0525	2.1814	2.3103	28.0
47.1-49.0	53.4- 55.5	0.1718	0.3011	0.4331	0.5669	0.7021	0.8382	0.9750	1.1124	1.2502	1.3884	1.5269	1.6656	1.8046	1.9437	2.0831	2.2226	2.3622	2.5019	28.5
49.1-51.0	55.7- 57.9	0.1851	0.3244	0.4666	0.6108	0.7566	0.9034	1.0510	1.1993	1.3480	1.4972	1.6467	1.7965	1.9465	2.0968	2.2472	2.3978	2.5486	2.6996	28.9
51.1-53.0	58.0- 60.2	0.1988	0.3484	0.5011	0.6560	0.8127	0.9705	1.1292	1.2887	1.4487	1.6091	1.7700	1.9312	2.0926	2.2543	2.4162	2.5783	2.7406	2.9031	29.2
53.1-55.0	60.3- 62.5	0.2130	0.3731	0.5366	0.7025	0.8703	1.0394	1.2096	1.3805	1.5521	1.7242	1.8968	2.0696	2.2428	2.4163	2.5900	2.7640	2.9381	3.1124	29.6
55.1-57.0	62.6- 64.8	0.2276	0.3986	0.5730	0.7502	0.9294	1.1102	1.2921	1.4748	1.6583	1.8424	2.0269	2.2118	2.3971	2.5827	2.7685	2.9546	3.1409	3.3274	29.9
57.1-59.0	65.0- 67.2	0.2427	0.4247	0.6104	0.7991	0.9901	1.1828	1.3767	1.5715	1.7672	1.9635	2.1604	2.3577	2.5553	2.7533	2.9517	3.1502	3.3490	3.5481	30.1
59.1-61.0	67.3- 69.5	0.2582	0.4516	0.6488	0.8493	1.0523	1.2571	1.4633	1.6706	1.8788	2.0876	2.2971	2.5071	2.7175	2.9282	3.1393	3.3507	3.5623	3.7742	30.4
61.1-63.0	69.6- 71.8	0.2742	0.4792	0.6882	0.9007	1.1159	1.3332	1.5520	1.7720	1.9929	2.2147	2.4371	2.6600	2.8834	3.1072	3.3314	3.5559	3.7807	4.0058	30.6
63.1-65.0	71.9- 74.2	0.2907	0.5075	0.7285	0.9533	1.1810	1.4110	1.6426	1.8756	2.1096	2.3446	2.5802	2.8164	3.0532	3.2904	3.5279	3.7659	4.0041	4.2427	30.8
65.1-67.0	74.3- 76.5	0.3077	0.5366	0.7698	1.0070	1.2475	1.4905	1.7352	1.9815	2.2289	2.4773	2.7264	2.9762	3.2266	3.4775	3.7288	3.9804	4.2325	4.4848	31.0
67.1-69.0	76.6- 78.9	0.3251	0.5664	0.8120	1.0620	1.3155	1.5716	1.8298	2.0896	2.3506	2.6127	2.8757	3.1394	3.4037	3.6685	3.9338	4.1995	4.4656	4.7321	31.2
69.1-71.0	79.0- 81.2	0.3431	0.5969	0.8552	1.1182	1.3849	1.6545	1.9263	2.1999	2.4748	2.7509	3.0280	3.3058	3.5843	3.8634	4.1430	4.4231	4.7036	4.9844	31.4
71.1-73.0	81.3- 83.6	0.3616	0.6282	0.8993	1.1755	1.4557	1.7390	2.0247	2.3123	2.6014	2.8918	3.1832	3.4755	3.7685	4.0621	4.3563	4.6510	4.9462	5.2417	31.5
73.1-75.0	83.7- 85.9	0.3806	0.6603	0.9445	1.2340	1.5278	1.8251	2.1249	2.4269	2.7304	3.0353	3.3414	3.6483	3.9561	4.2646	4.5737	4.8833	5.1933	5.5039	31.7
75.1-77.0	86.0- 88.3	0.4001	0.6931	0.9906	1.2936	1.6014	1.9128	2.2270	2.5435	2.8617	3.1815	3.5024	3.8243	4.1471	4.4707	4.7949	5.1197	5.4450	5.7708	31.8
77.1-79.0	88.4- 90.6	0.4202	0.7267	1.0376	1.3545	1.6763	2.0021	2.3309	2.6622	2.9954	3.3301	3.6662	4.0034	4.3415	4.6804	5.0201	5.3603	5.7011	6.0425	31.9
79.1-81.0	90.7- 93.0	0.4408	0.7611	1.0856	1.4165	1.7526	2.0930	2.4366	2.7829	3.1312	3.4813	3.8328	4.1854	4.5391	4.8937	5.2490	5.6050	5.9616	6.3187	32.0

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 28. Merchantable volume (m^3) from 0.30 m stump height to 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.8- 18.9	0.0031	0.0055	0.0076	0.0097	0.0117	0.0138	0.0158	0.0179	0.0200	0.0220	0.0241	0.0262	0.0283	0.0304	0.0325	0.0346	0.0367	0.0389	15.0
17.1-19.0	19.0- 21.2	0.0119	0.0208	0.0296	0.0383	0.0471	0.0558	0.0645	0.0732	0.0819	0.0906	0.0994	0.1081	0.1169	0.1256	0.1344	0.1431	0.1519	0.1606	16.4
19.1-21.0	21.3- 23.4	0.0210	0.0369	0.0530	0.0693	0.0856	0.1021	0.1186	0.1351	0.1516	0.1682	0.1849	0.2015	0.2182	0.2348	0.2515	0.2682	0.2849	0.3017	17.7
21.1-23.0	23.6- 25.7	0.0299	0.0526	0.0756	0.0990	0.1224	0.1460	0.1697	0.1934	0.2172	0.2410	0.2649	0.2888	0.3127	0.3366	0.3606	0.3846	0.4086	0.4326	18.9
23.1-25.0	25.8- 28.0	0.0389	0.0682	0.0981	0.1284	0.1588	0.1894	0.2201	0.2509	0.2817	0.3126	0.3436	0.3745	0.4055	0.4366	0.4676	0.4987	0.5298	0.5610	20.1
25.1-27.0	28.1- 30.3	0.0479	0.0841	0.1209	0.1582	0.1957	0.2334	0.2712	0.3091	0.3471	0.3852	0.4233	0.4614	0.4996	0.5379	0.5761	0.6144	0.6528	0.6911	21.1
27.1-29.0	30.4- 32.6	0.0573	0.1004	0.1444	0.1888	0.2336	0.2786	0.3237	0.3690	0.4144	0.4598	0.5053	0.5509	0.5965	0.6421	0.6878	0.7335	0.7793	0.8251	22.1
29.1-31.0	32.7- 34.8	0.0669	0.1172	0.1686	0.2205	0.2728	0.3253	0.3781	0.4310	0.4840	0.5371	0.5902	0.6435	0.6968	0.7501	0.8035	0.8570	0.9105	0.9640	23.0
31.1-33.0	35.0- 37.1	0.0768	0.1346	0.1936	0.2533	0.3134	0.3738	0.4344	0.4953	0.5562	0.6173	0.6785	0.7397	0.8010	0.8624	0.9238	0.9853	1.0468	1.1084	23.8
33.1-35.0	37.2- 39.4	0.0870	0.1526	0.2196	0.2873	0.3555	0.4241	0.4930	0.5621	0.6313	0.7007	0.7701	0.8397	0.9094	0.9791	1.0489	1.1188	1.1887	1.2587	24.6
35.1-37.0	39.5- 41.7	0.0976	0.1713	0.2464	0.3225	0.3992	0.4763	0.5537	0.6314	0.7092	0.7873	0.8654	0.9437	1.0220	1.1005	1.1790	1.2576	1.3362	1.4149	25.3
37.1-39.0	41.8- 44.0	0.1086	0.1906	0.2743	0.3590	0.4445	0.5304	0.6167	0.7033	0.7901	0.8771	0.9643	1.0516	1.1390	1.2265	1.3141	1.4017	1.4895	1.5773	25.9
39.1-41.0	44.1- 46.3	0.1200	0.2106	0.3031	0.3968	0.4914	0.5865	0.6820	0.7779	0.8740	0.9703	1.0668	1.1635	1.2603	1.3572	1.4542	1.5513	1.6485	1.7458	26.5
41.1-43.0	46.4- 48.6	0.1317	0.2313	0.3329	0.4359	0.5398	0.6444	0.7495	0.8550	0.9608	1.0668	1.1730	1.2794	1.3859	1.4926	1.5994	1.7063	1.8133	1.9204	27.1
43.1-45.0	48.7- 50.9	0.1439	0.2526	0.3637	0.4763	0.5899	0.7043	0.8193	0.9347	1.0505	1.1665	1.2828	1.3992	1.5159	1.6327	1.7496	1.8666	1.9838	2.1010	27.6
45.1-47.0	51.0- 53.2	0.1564	0.2747	0.3954	0.5179	0.6416	0.7661	0.8913	1.0170	1.1430	1.2694	1.3961	1.5230	1.6501	1.7773	1.9047	2.0323	2.1599	2.2877	28.0
47.1-49.0	53.4- 55.5	0.1694	0.2974	0.4281	0.5608	0.6948	0.8298	0.9655	1.1018	1.2385	1.3756	1.5130	1.6506	1.7885	1.9266	2.0648	2.2032	2.3417	2.4804	28.5
49.1-51.0	55.7- 57.9	0.1828	0.3208	0.4618	0.6049	0.7496	0.8953	1.0419	1.1891	1.3368	1.4849	1.6333	1.7821	1.9311	2.0803	2.2297	2.3793	2.5290	2.6789	28.9
51.1-53.0	58.0- 60.2	0.1966	0.3449	0.4965	0.6503	0.8059	0.9627	1.1204	1.2788	1.4378	1.5973	1.7572	1.9173	2.0778	2.2385	2.3994	2.5605	2.7218	2.8832	29.2
53.1-55.0	60.3- 62.5	0.2108	0.3698	0.5321	0.6970	0.8637	1.0319	1.2011	1.3710	1.5417	1.7128	1.8844	2.0563	2.2285	2.4011	2.5738	2.7468	2.9200	3.0933	29.6
55.1-57.0	62.6- 64.8	0.2255	0.3953	0.5686	0.7448	0.9231	1.1029	1.2838	1.4656	1.6482	1.8313	2.0149	2.1989	2.3833	2.5680	2.7529	2.9381	3.1234	3.3090	29.9
57.1-59.0	65.0- 67.2	0.2406	0.4215	0.6062	0.7939	0.9839	1.1756	1.3686	1.5626	1.7574	1.9528	2.1488	2.3452	2.5420	2.7391	2.9365	3.1342	3.3321	3.5303	30.1
59.1-61.0	67.3- 69.5	0.2562	0.4485	0.6447	0.8442	1.0462	1.2501	1.4555	1.6619	1.8692	2.0772	2.2858	2.4949	2.7045	2.9144	3.1246	3.3352	3.5459	3.7570	30.4
61.1-63.0	69.6- 71.8	0.2723	0.4761	0.6841	0.8957	1.1100	1.3264	1.5443	1.7635	1.9836	2.2045	2.4261	2.6482	2.8708	3.0938	3.3172	3.5409	3.7648	3.9890	30.6
63.1-65.0	71.9- 74.2	0.2888	0.5045	0.7245	0.9484	1.1752	1.4043	1.6352	1.8673	2.1006	2.3347	2.5695	2.8049	3.0409	3.2773	3.5141	3.7512	3.9887	4.2264	30.8
65.1-67.0	74.3- 76.5	0.3058	0.5336	0.7659	1.0022	1.2419	1.4840	1.7280	1.9734	2.2200	2.4676	2.7160	2.9650	3.2146	3.4647	3.7153	3.9662	4.2174	4.4690	31.0
67.1-69.0	76.6- 78.9	0.3233	0.5635	0.8082	1.0573	1.3100	1.5653	1.8227	2.0817	2.3420	2.6033	2.8655	3.1284	3.3920	3.6561	3.9206	4.1856	4.4510	4.7166	31.2
69.1-71.0	79.0- 81.2	0.3413	0.5941	0.8514	1.1135	1.3795	1.6483	1.9193	2.1921	2.4664	2.7417	3.0180	3.2951	3.5729	3.8513	4.1302	4.4095	4.6892	4.9693	31.4
71.1-73.0	81.3- 83.6	0.3598	0.6254	0.8956	1.1709	1.4503	1.7329	2.0178	2.3047	2.5931	2.8828	3.1735	3.4650	3.7573	4.0502	4.3437	4.6377	4.9321	5.2270	31.5
73.1-75.0	83.7- 85.9	0.3788	0.6575	0.9408	1.2295	1.5226	1.8191	2.1182	2.4194	2.7223	3.0265	3.3318	3.6381	3.9452	4.2529	4.5613	4.8702	5.1796	5.4894	31.7
75.1-77.0	86.0- 88.3	0.3984	0.6904	0.9870	1.2892	1.5962	1.9069	2.2204	2.5362	2.8537	3.1727	3.4930	3.8142	4.1364	4.4593	4.7828	5.1069	5.4316	5.7567	31.8
77.1-79.0	88.4- 90.6	0.4185	0.7240	1.0341	1.3501	1.6712	1.9963	2.3244	2.6550	2.9875	3.3216	3.6570	3.9935	4.3309	4.6692	5.0082	5.3478	5.6879	6.0286	31.9
79.1-81.0	90.7- 93.0	0.4391	0.7584	1.0821	1.4122	1.7476	2.0873	2.4302	2.7758	3.1235	3.4729	3.8237	4.1757	4.5287	4.8827	5.2373	5.5927	5.9486	6.3051	32.0

UNDERLINED VALUES IN THE MIDDLE PORTION OF THE TABLE REPRESENT VOLUMES FOR AVERAGE HEIGHT-DIAMETER TREES.

8.0 MERCHANTABLE LENGTH TABLES FOR NATURAL REGIONS 2, 15, 16

Table 29. Merchantable length (m) from 0.30 m stump height to 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	6.3- 8.2	0.65	1.14	1.63	2.13	2.63	3.12	3.62	4.12	4.62	5.12	5.62	6.12	6.62	7.12	7.62	8.12	8.62	9.11	5.9
7.1- 9.0	8.3- 10.3	1.58	2.74	3.92	5.11	6.30	7.51	8.71	9.91	11.12	12.32	13.53	14.74	15.94	17.15	18.36	19.57	20.78	21.99	8.0
9.1-11.0	10.4- 12.4	1.97	3.37	4.81	6.25	7.70	9.16	10.61	12.07	13.53	14.99	16.45	17.92	19.38	20.84	22.30	23.76	25.23	26.69	10.2
11.1-13.0	12.6- 14.6	2.16	3.71	5.28	6.87	8.46	10.05	11.65	13.25	14.85	16.45	18.05	19.65	21.25	22.86	24.46	26.06	27.66	29.27	12.3
13.1-15.0	14.7- 16.7	2.28	3.91	5.57	7.25	8.93	10.61	12.30	13.99	15.68	17.36	19.05	20.75	22.44	24.13	25.82	27.51	29.20	30.89	14.3
15.1-17.0	16.8- 18.9	2.35	4.04	5.76	7.50	9.24	10.99	12.74	14.48	16.24	17.99	19.74	21.49	23.24	24.99	26.74	28.50	30.25	32.00	16.1
17.1-19.0	19.0- 21.1	2.39	4.12	5.89	7.67	9.46	11.25	13.05	14.84	16.63	18.43	20.23	22.02	23.82	25.61	27.41	29.21	31.00	32.80	17.8
19.1-21.0	21.2- 23.3	2.42	4.18	5.98	7.80	9.62	11.44	13.27	15.10	16.93	18.76	20.59	22.42	24.25	26.08	27.91	29.74	31.57	33.40	19.4
21.1-23.0	23.4- 25.6	2.43	4.22	6.04	7.89	9.74	11.59	13.44	15.30	17.15	19.01	20.86	22.72	24.58	26.43	28.29	30.14	32.00	33.85	20.8
23.1-25.0	25.7- 27.8	2.43	4.24	6.09	7.95	9.82	11.70	13.57	15.45	17.33	19.20	21.08	22.96	24.83	26.71	28.59	30.46	32.34	34.21	22.1
25.1-27.0	28.0- 30.1	2.43	4.25	6.12	8.00	9.89	11.78	13.67	15.57	17.46	19.36	21.25	23.14	25.04	26.93	28.82	30.72	32.61	34.50	23.2
27.1-29.0	30.2- 32.4	2.42	4.25	6.13	8.03	9.94	11.84	13.75	15.66	17.57	19.48	21.39	23.30	25.20	27.11	29.02	30.92	32.83	34.74	24.2
29.1-31.0	32.5- 34.7	2.41	4.25	6.14	8.06	9.97	11.89	13.82	15.74	17.66	19.58	21.50	23.42	25.34	27.26	29.18	31.09	33.01	34.93	25.1
31.1-33.0	34.9- 37.1	2.40	4.25	6.15	8.07	10.00	11.93	13.86	15.80	17.73	19.66	21.59	23.52	25.45	27.38	29.31	31.23	33.16	35.09	26.0
33.1-35.0	37.2- 39.5	2.39	4.24	6.15	8.08	10.02	11.96	13.90	15.84	17.78	19.72	21.66	23.60	25.54	27.48	29.42	31.35	33.29	35.22	26.7
35.1-37.0	39.6- 41.8	2.37	4.23	6.14	8.08	10.03	11.98	13.93	15.88	17.83	19.78	21.73	23.67	25.62	27.56	29.51	31.45	33.39	35.34	27.3
37.1-39.0	42.0- 44.2	2.36	4.21	6.13	8.08	10.03	11.99	13.95	15.91	17.87	19.82	21.78	23.73	25.68	27.63	29.58	31.54	33.48	35.43	27.9
39.1-41.0	44.4- 46.7	2.34	4.20	6.12	8.07	10.04	12.00	13.97	15.93	17.89	19.86	21.82	23.78	25.74	27.69	29.65	31.61	33.56	35.52	28.4
41.1-43.0	46.8- 49.1	2.33	4.18	6.11	8.07	10.03	12.00	13.98	15.95	17.92	19.88	21.85	23.82	25.78	27.74	29.71	31.67	33.63	35.59	28.8
43.1-45.0	49.2- 51.6	2.31	4.16	6.09	8.05	10.03	12.00	13.98	15.96	17.93	19.91	21.88	23.85	25.82	27.79	29.75	31.72	33.68	35.65	29.2
45.1-47.0	51.7- 54.1	2.29	4.14	6.07	8.04	10.02	12.00	13.98	15.96	17.94	19.92	21.90	23.87	25.85	27.82	29.79	31.76	33.73	35.70	29.6
47.1-49.0	54.2- 56.6	2.27	4.12	6.06	8.03	10.01	11.99	13.98	15.97	17.95	19.94	21.92	23.90	25.87	27.85	29.83	31.80	33.77	35.75	29.9
49.1-51.0	56.7- 59.1	2.25	4.10	6.04	8.01	9.99	11.99	13.98	15.97	17.96	19.94	21.93	23.91	25.90	27.88	29.85	31.83	33.81	35.78	30.1
51.1-53.0	59.2- 61.7	2.24	4.08	6.02	7.99	9.98	11.98	13.97	15.97	17.96	19.95	21.94	23.93	25.91	27.90	29.88	31.86	33.84	35.82	30.4
53.1-55.0	61.8- 64.2	2.22	4.06	5.99	7.97	9.96	11.96	13.96	15.96	17.96	19.95	21.95	23.94	25.92	27.91	29.90	31.88	33.86	35.85	30.6
55.1-57.0	64.4- 66.8	2.20	4.03	5.97	7.95	9.95	11.95	13.95	15.95	17.95	19.95	21.95	23.94	25.93	27.93	29.91	31.90	33.89	35.87	30.8
57.1-59.0	67.0- 69.4	2.18	4.01	5.95	7.93	9.93	11.93	13.94	15.95	17.95	19.95	21.95	23.95	25.94	27.93	29.93	31.92	33.90	35.89	30.9
59.1-61.0	69.6- 72.1	2.17	3.99	5.92	7.91	9.91	11.92	13.93	15.93	17.94	19.95	21.95	23.95	25.95	27.94	29.94	31.93	33.92	35.91	31.1
61.1-63.0	72.2- 74.7	2.15	3.97	5.90	7.88	9.89	11.90	13.91	15.92	17.93	19.94	21.95	23.95	25.95	27.95	29.94	31.94	33.93	35.92	31.2
63.1-65.0	74.9- 77.4	2.13	3.94	5.88	7.86	9.87	11.88	13.89	15.91	17.92	19.93	21.94	23.95	25.95	27.95	29.95	31.95	33.94	35.94	31.3
65.1-67.0	77.5- 80.1	2.11	3.92	5.85	7.84	9.84	11.86	13.88	15.89	17.91	19.92	21.93	23.94	25.95	27.95	29.95	31.95	33.95	35.95	31.4
67.1-69.0	80.2- 82.8	2.10	3.90	5.83	7.81	9.82	11.84	13.86	15.88	17.90	19.91	21.92	23.94	25.94	27.95	29.95	31.95	33.95	35.95	31.5
69.1-71.0	82.9- 85.5	2.08	3.88	5.80	7.79	9.80	11.82	13.84	15.86	17.88	19.90	21.92	23.93	25.94	27.95	29.95	31.96	33.96	35.96	31.5
71.1-73.0	85.7- 88.3	2.07	3.85	5.78	7.76	9.77	11.79	13.82	15.84	17.87	19.89	21.90	23.92	25.93	27.94	29.95	31.96	33.96	35.96	31.6
73.1-75.0	88.4- 91.1	2.05	3.83	5.75	7.74	9.75	11.77	13.80	15.82	17.85	19.87	21.89	23.91	25.92	27.94	29.95	31.95	33.96	35.96	31.7
75.1-77.0	91.2- 93.9	2.03	3.81	5.73	7.71	9.72	11.75	13.77	15.80	17.83	19.86	21.88	23.90	25.92	27.93	29.94	31.95	33.96	35.96	31.7
77.1-79.0	94.0- 96.7	2.02	3.79	5.70	7.68	9.70	11.72	13.75	15.78	17.81	19.84	21.86	23.89	25.90	27.92	29.93	31.95	33.95	35.96	31.8
79.1-81.0	96.8- 99.5	2.00	3.77	5.68	7.66	9.67	11.70	13.73	15.76	17.79	19.82	21.85	23.87	25.89	27.91	29.93	31.94	33.95	35.96	31.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 30. Merchantable length (m) from 0.30 m stump height to 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m)																		
		3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	8.3- 10.3	0.42	0.72	1.00	1.27	1.53	1.79	2.04	2.29	2.54	2.79	3.03	3.28	3.52	3.77	4.01	4.25	4.49	4.74	8.0
9.1-11.0	10.4- 12.4	1.18	2.09	3.05	4.02	5.00	5.98	6.97	7.97	8.96	9.96	10.96	11.96	12.96	13.96	14.96	15.96	16.96	17.96	10.2
11.1-13.0	12.6- 14.6	1.55	2.75	3.99	5.25	6.52	7.79	9.07	10.35	11.64	12.92	14.21	15.50	16.79	18.08	19.37	20.66	21.95	23.24	12.3
13.1-15.0	14.7- 16.7	1.77	3.13	4.53	5.95	7.38	8.82	10.26	11.71	13.16	14.61	16.06	17.51	18.96	20.41	21.87	23.32	24.78	26.23	14.3
15.1-17.0	16.8- 18.9	1.91	3.36	4.87	6.40	7.94	9.48	11.04	12.59	14.15	15.70	17.26	18.82	20.38	21.94	23.50	25.06	26.63	28.19	16.1
17.1-19.0	19.0- 21.1	1.99	3.52	5.10	6.71	8.32	9.95	11.57	13.20	14.84	16.47	18.11	19.74	21.38	23.02	24.65	26.29	27.93	29.57	17.8
19.1-21.0	21.2- 23.3	2.05	3.63	5.27	6.93	8.60	10.28	11.97	13.65	15.34	17.03	18.73	20.42	22.11	23.81	25.50	27.20	28.89	30.59	19.4
21.1-23.0	23.4- 25.6	2.09	3.71	5.39	7.09	8.81	10.53	12.26	13.99	15.73	17.46	19.20	20.94	22.68	24.41	26.15	27.89	29.63	31.37	20.8
23.1-25.0	25.7- 27.8	2.12	3.76	5.48	7.21	8.97	10.73	12.49	14.26	16.03	17.80	19.57	21.34	23.11	24.89	26.66	28.43	30.21	31.98	22.1
25.1-27.0	28.0- 30.1	2.13	3.80	5.54	7.31	9.09	10.88	12.67	14.47	16.26	18.06	19.86	21.66	23.46	25.27	27.07	28.87	30.67	32.47	23.2
27.1-29.0	30.2- 32.4	2.14	3.83	5.59	7.38	9.18	10.99	12.81	14.63	16.45	18.28	20.10	21.92	23.75	25.57	27.40	29.22	31.05	32.87	24.2
29.1-31.0	32.5- 34.7	2.14	3.85	5.62	7.43	9.26	11.09	12.92	14.76	16.61	18.45	20.29	22.14	23.98	25.83	27.67	29.52	31.36	33.20	25.1
31.1-33.0	34.9- 37.1	2.14	3.86	5.65	7.47	9.31	11.16	13.02	14.87	16.73	18.59	20.45	22.31	24.17	26.04	27.90	29.76	31.62	33.48	26.0
33.1-35.0	37.2- 39.5	2.14	3.86	5.66	7.50	9.36	11.22	13.09	14.96	16.84	18.71	20.59	22.46	24.34	26.21	28.09	29.96	31.84	33.71	26.7
35.1-37.0	39.6- 41.8	2.13	3.86	5.67	7.52	9.39	11.27	13.15	15.04	16.92	18.81	20.70	22.58	24.47	26.36	28.25	30.14	32.02	33.91	27.3
37.1-39.0	42.0- 44.2	2.12	3.85	5.68	7.54	9.42	11.30	13.20	15.09	16.99	18.89	20.79	22.69	24.59	26.49	28.39	30.28	32.18	34.08	27.9
39.1-41.0	44.4- 46.7	2.11	3.85	5.68	7.54	9.43	11.33	13.24	15.14	17.05	18.96	20.87	22.78	24.69	26.60	28.50	30.41	32.32	34.23	28.4
41.1-43.0	46.8- 49.1	2.10	3.84	5.67	7.55	9.45	11.35	13.27	15.18	17.10	19.02	20.93	22.85	24.77	26.69	28.60	30.52	32.44	34.35	28.8
43.1-45.0	49.2- 51.6	2.09	3.83	5.66	7.55	9.45	11.37	13.29	15.21	17.14	19.06	20.99	22.92	24.84	26.77	28.69	30.62	32.54	34.46	29.2
45.1-47.0	51.7- 54.1	2.08	3.81	5.66	7.54	9.46	11.38	13.31	15.24	17.17	19.10	21.04	22.97	24.90	26.83	28.77	30.70	32.63	34.56	29.6
47.1-49.0	54.2- 56.6	2.06	3.80	5.64	7.54	9.45	11.38	13.32	15.26	17.20	19.14	21.08	23.02	24.95	26.89	28.83	30.77	32.71	34.64	29.9
49.1-51.0	56.7- 59.1	2.05	3.78	5.63	7.53	9.45	11.39	13.33	15.27	17.22	19.16	21.11	23.05	25.00	26.94	28.89	30.83	32.77	34.71	30.1
51.1-53.0	59.2- 61.7	2.04	3.77	5.62	7.52	9.44	11.38	13.33	15.28	17.23	19.18	21.14	23.09	25.04	26.99	28.94	30.88	32.83	34.78	30.4
53.1-55.0	61.8- 64.2	2.02	3.75	5.60	7.50	9.44	11.38	13.33	15.29	17.24	19.20	21.16	23.11	25.07	27.02	28.98	30.93	32.88	34.83	30.6
55.1-57.0	64.4- 66.8	2.01	3.73	5.58	7.49	9.42	11.37	13.33	15.29	17.25	19.21	21.17	23.14	25.10	27.05	29.01	30.97	32.93	34.88	30.8
57.1-59.0	67.0- 69.4	2.00	3.72	5.56	7.47	9.41	11.36	13.32	15.29	17.26	19.22	21.19	23.15	25.12	27.08	29.04	31.01	32.97	34.93	30.9
59.1-61.0	69.6- 72.1	1.98	3.70	5.55	7.46	9.40	11.35	13.32	15.29	17.26	19.23	21.20	23.17	25.14	27.10	29.07	31.04	33.00	34.96	31.1
61.1-63.0	72.2- 74.7	1.97	3.68	5.53	7.44	9.38	11.34	13.31	15.28	17.26	19.23	21.20	23.18	25.15	27.12	29.09	31.06	33.03	35.00	31.2
63.1-65.0	74.9- 77.4	1.95	3.66	5.51	7.42	9.36	11.33	13.30	15.27	17.25	19.23	21.21	23.18	25.16	27.14	29.11	31.08	33.05	35.02	31.3
65.1-67.0	77.5- 80.1	1.94	3.64	5.48	7.40	9.34	11.31	13.29	15.26	17.25	19.23	21.21	23.19	25.17	27.15	29.12	31.10	33.07	35.05	31.4
67.1-69.0	80.2- 82.8	1.93	3.62	5.46	7.38	9.33	11.29	13.27	15.25	17.24	19.22	21.21	23.19	25.17	27.16	29.14	31.11	33.09	35.07	31.5
69.1-71.0	82.9- 85.5	1.91	3.60	5.44	7.35	9.31	11.28	13.26	15.24	17.23	19.22	21.20	23.19	25.18	27.16	29.14	31.13	33.11	35.09	31.5
71.1-73.0	85.7- 88.3	1.90	3.58	5.42	7.33	9.28	11.26	13.24	15.23	17.22	19.21	21.20	23.19	25.18	27.17	29.15	31.14	33.12	35.10	31.6
73.1-75.0	88.4- 91.1	1.89	3.57	5.40	7.31	9.26	11.24	13.22	15.21	17.21	19.20	21.19	23.18	25.18	27.17	29.16	31.14	33.13	35.11	31.7
75.1-77.0	91.2- 93.9	1.87	3.55	5.38	7.29	9.24	11.22	13.20	15.20	17.19	19.19	21.18	23.18	25.17	27.17	29.16	31.15	33.14	35.12	31.7
77.1-79.0	94.0- 96.7	1.86	3.53	5.35	7.26	9.22	11.19	13.18	15.18	17.18	19.18	21.17	23.17	25.17	27.16	29.16	31.15	33.14	35.13	31.8
79.1-81.0	96.8- 99.5	1.85	3.51	5.33	7.24	9.19	11.17	13.16	15.16	17.16	19.16	21.16	23.16	25.16	27.16	29.16	31.15	33.14	35.14	31.8

Table 31. Merchantable length (m) from 0.30 m stump height to 10.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.6- 14.6	0.59	1.04	1.48	1.92	2.36	2.81	3.25	3.69	4.13	4.57	5.01	5.45	5.89	6.33	6.77	7.21	7.65	8.09	12.3
13.1-15.0	14.7- 16.7	1.00	1.82	2.67	3.56	4.46	5.37	6.28	7.20	8.13	9.06	9.99	10.92	11.86	12.79	13.73	14.66	15.60	16.54	14.3
15.1-17.0	16.8- 18.9	1.26	2.29	3.38	4.50	5.64	6.79	7.95	9.12	10.29	11.46	12.63	13.81	14.98	16.16	17.34	18.52	19.70	20.88	16.1
17.1-19.0	19.0- 21.1	1.43	2.60	3.84	5.11	6.40	7.71	9.02	10.34	11.66	12.98	14.31	15.64	16.97	18.30	19.63	20.97	22.30	23.64	17.8
19.1-21.0	21.2- 23.3	1.55	2.82	4.16	5.54	6.94	8.35	9.77	11.19	12.62	14.05	15.49	16.92	18.36	19.80	21.24	22.68	24.12	25.56	19.4
21.1-23.0	23.4- 25.6	1.63	2.97	4.39	5.85	7.32	8.82	10.31	11.82	13.33	14.84	16.36	17.87	19.39	20.91	22.43	23.95	25.47	27.00	20.8
23.1-25.0	25.7- 27.8	1.69	3.09	4.56	6.08	7.62	9.17	10.73	12.30	13.87	15.45	17.02	18.60	20.18	21.77	23.35	24.93	26.52	28.10	22.1
25.1-27.0	28.0- 30.1	1.74	3.17	4.70	6.26	7.85	9.45	11.06	12.68	14.30	15.92	17.55	19.18	20.81	22.44	24.07	25.71	27.34	28.98	23.2
27.1-29.0	30.2- 32.4	1.77	3.24	4.80	6.40	8.03	9.67	11.32	12.98	14.64	16.31	17.98	19.65	21.32	22.99	24.66	26.34	28.01	29.69	24.2
29.1-31.0	32.5- 34.7	1.79	3.29	4.87	6.51	8.17	9.85	11.53	13.22	14.92	16.62	18.32	20.03	21.73	23.44	25.14	26.85	28.56	30.27	25.1
31.1-33.0	34.9- 37.1	1.81	3.32	4.94	6.60	8.29	9.99	11.70	13.42	15.15	16.88	18.61	20.34	22.08	23.81	25.55	27.28	29.02	30.76	26.0
33.1-35.0	37.2- 39.5	1.82	3.35	4.98	6.67	8.38	10.11	11.84	13.59	15.34	17.09	18.85	20.61	22.36	24.12	25.89	27.65	29.41	31.17	26.7
35.1-37.0	39.6- 41.8	1.83	3.37	5.02	6.72	8.45	10.20	11.96	13.73	15.50	17.27	19.05	20.83	22.61	24.39	26.17	27.95	29.74	31.52	27.3
37.1-39.0	42.0- 44.2	1.83	3.38	5.05	6.77	8.51	10.28	12.06	13.84	15.63	17.43	19.22	21.02	22.82	24.62	26.42	28.22	30.02	31.82	27.9
39.1-41.0	44.4- 46.7	1.83	3.39	5.07	6.80	8.56	10.35	12.14	13.94	15.75	17.56	19.37	21.18	23.00	24.81	26.63	28.45	30.26	32.08	28.4
41.1-43.0	46.8- 49.1	1.83	3.40	5.08	6.83	8.60	10.40	12.21	14.02	15.84	17.67	19.49	21.32	23.15	24.98	26.81	28.65	30.48	32.31	28.8
43.1-45.0	49.2- 51.6	1.83	3.40	5.09	6.85	8.63	10.44	12.26	14.09	15.93	17.76	19.60	21.44	23.29	25.13	26.97	28.82	30.66	32.51	29.2
45.1-47.0	51.7- 54.1	1.82	3.40	5.10	6.86	8.66	10.48	12.31	14.15	16.00	17.84	19.70	21.55	23.40	25.26	27.11	28.97	30.82	32.68	29.6
47.1-49.0	54.2- 56.6	1.82	3.39	5.10	6.87	8.68	10.51	12.35	14.20	16.05	17.91	19.78	21.64	23.50	25.37	27.23	29.10	30.97	32.83	29.9
49.1-51.0	56.7- 59.1	1.81	3.39	5.10	6.87	8.69	10.53	12.38	14.24	16.10	17.97	19.84	21.72	23.59	25.47	27.34	29.22	31.09	32.97	30.1
51.1-53.0	59.2- 61.7	1.80	3.38	5.09	6.88	8.70	10.54	12.40	14.27	16.15	18.02	19.90	21.79	23.67	25.55	27.44	29.32	31.20	33.09	30.4
53.1-55.0	61.8- 64.2	1.79	3.37	5.09	6.87	8.70	10.56	12.42	14.30	16.18	18.07	19.96	21.84	23.74	25.63	27.52	29.41	31.30	33.20	30.6
55.1-57.0	64.4- 66.8	1.78	3.36	5.08	6.87	8.71	10.56	12.44	14.32	16.21	18.10	20.00	21.90	23.79	25.69	27.59	29.49	31.39	33.29	30.8
57.1-59.0	67.0- 69.4	1.78	3.35	5.07	6.86	8.70	10.57	12.45	14.34	16.23	18.13	20.04	21.94	23.84	25.75	27.66	29.56	31.47	33.37	30.9
59.1-61.0	69.6- 72.1	1.77	3.34	5.06	6.86	8.70	10.57	12.46	14.35	16.25	18.16	20.07	21.98	23.89	25.80	27.71	29.62	31.54	33.45	31.1
61.1-63.0	72.2- 74.7	1.76	3.33	5.05	6.85	8.69	10.57	12.46	14.36	16.27	18.18	20.09	22.01	23.93	25.84	27.76	29.68	31.60	33.52	31.2
63.1-65.0	74.9- 77.4	1.75	3.31	5.03	6.84	8.69	10.56	12.46	14.37	16.28	18.20	20.12	22.04	23.96	25.88	27.81	29.73	31.65	33.58	31.3
65.1-67.0	77.5- 80.1	1.74	3.30	5.02	6.82	8.68	10.56	12.46	14.37	16.29	18.21	20.13	22.06	23.99	25.91	27.84	29.77	31.70	33.63	31.4
67.1-69.0	80.2- 82.8	1.73	3.29	5.00	6.81	8.66	10.55	12.45	14.37	16.29	18.22	20.15	22.08	24.01	25.94	27.88	29.81	31.74	33.67	31.5
69.1-71.0	82.9- 85.5	1.72	3.27	4.99	6.79	8.65	10.54	12.45	14.37	16.29	18.22	20.16	22.09	24.03	25.97	27.90	29.84	31.78	33.72	31.5
71.1-73.0	85.7- 88.3	1.71	3.26	4.97	6.78	8.64	10.53	12.44	14.36	16.29	18.23	20.17	22.10	24.05	25.99	27.93	29.87	31.81	33.75	31.6
73.1-75.0	88.4- 91.1	1.70	3.24	4.96	6.76	8.62	10.52	12.43	14.36	16.29	18.23	20.17	22.11	24.06	26.00	27.95	29.89	31.84	33.79	31.7
75.1-77.0	91.2- 93.9	1.69	3.23	4.94	6.74	8.61	10.50	12.42	14.35	16.28	18.23	20.17	22.12	24.07	26.02	27.97	29.92	31.86	33.81	31.7
77.1-79.0	94.0- 96.7	1.68	3.21	4.92	6.73	8.59	10.49	12.41	14.34	16.28	18.22	20.17	22.12	24.07	26.03	27.98	29.93	31.89	33.84	31.8
79.1-81.0	96.8- 99.5	1.67	3.20	4.90	6.71	8.57	10.47	12.39	14.33	16.27	18.22	20.17	22.12	24.08	26.04	27.99	29.95	31.90	33.86	31.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 32. Merchantable length (m) from 0.30 m stump height to 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m)																	Predicted HT (m)
		3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	
11.1-13.0	12.6- 14.6	0.29	0.46	0.59	0.70	0.79	0.89	0.98	1.06	1.15	1.24	1.32	1.41	1.50	1.58	1.67	1.76	1.85	1.94	12.3
13.1-15.0	14.7- 16.7	0.75	1.34	1.95	2.58	3.21	3.86	4.51	5.16	5.82	6.47	7.13	7.79	8.46	9.12	9.79	10.45	11.12	11.78	14.3
15.1-17.0	16.8- 18.9	1.05	1.91	2.83	3.77	4.74	5.71	6.70	7.69	8.69	9.69	10.69	11.70	12.71	13.71	14.72	15.73	16.75	17.76	16.1
17.1-19.0	19.0- 21.1	1.25	2.29	3.39	4.53	5.68	6.86	8.04	9.23	10.42	11.62	12.82	14.02	15.22	16.43	17.64	18.84	20.05	21.26	17.8
19.1-21.0	21.2- 23.3	1.39	2.54	3.77	5.04	6.33	7.63	8.95	10.27	11.60	12.93	14.26	15.59	16.93	18.27	19.60	20.94	22.28	23.62	19.4
21.1-23.0	23.4- 25.6	1.49	2.73	4.05	5.41	6.80	8.20	9.61	11.03	12.45	13.87	15.30	16.73	18.17	19.60	21.04	22.47	23.91	25.35	20.8
23.1-25.0	25.7- 27.8	1.56	2.87	4.26	5.69	7.15	8.62	10.11	11.60	13.09	14.59	16.10	17.60	19.11	20.62	22.13	23.64	25.15	26.66	22.1
25.1-27.0	28.0- 30.1	1.62	2.97	4.41	5.90	7.42	8.95	10.49	12.04	13.60	15.16	16.72	18.28	19.85	21.41	22.98	24.55	26.12	27.69	23.2
27.1-29.0	30.2- 32.4	1.66	3.05	4.54	6.07	7.63	9.21	10.80	12.40	14.00	15.61	17.22	18.83	20.44	22.06	23.67	25.29	26.91	28.52	24.2
29.1-31.0	32.5- 34.7	1.69	3.11	4.63	6.20	7.80	9.42	11.05	12.69	14.33	15.97	17.62	19.27	20.93	22.58	24.24	25.89	27.55	29.21	25.1
31.1-33.0	34.9- 37.1	1.71	3.16	4.71	6.31	7.94	9.59	11.25	12.92	14.60	16.28	17.96	19.64	21.33	23.02	24.71	26.40	28.09	29.78	26.0
33.1-35.0	37.2- 39.5	1.72	3.19	4.76	6.39	8.05	9.73	11.42	13.12	14.82	16.53	18.24	19.95	21.67	23.38	25.10	26.82	28.54	30.26	26.7
35.1-37.0	39.6- 41.8	1.74	3.22	4.81	6.46	8.14	9.85	11.56	13.28	15.01	16.74	18.48	20.22	21.96	23.70	25.44	27.18	28.92	30.67	27.3
37.1-39.0	42.0- 44.2	1.74	3.24	4.85	6.52	8.22	9.94	11.68	13.42	15.17	16.92	18.68	20.44	22.20	23.96	25.72	27.49	29.25	31.02	27.9
39.1-41.0	44.4- 46.7	1.75	3.25	4.87	6.56	8.28	10.02	11.77	13.54	15.30	17.08	18.85	20.63	22.41	24.19	25.97	27.75	29.54	31.32	28.4
41.1-43.0	46.8- 49.1	1.75	3.26	4.90	6.59	8.33	10.09	11.86	13.63	15.42	17.21	19.00	20.79	22.59	24.39	26.19	27.99	29.79	31.59	28.8
43.1-45.0	49.2- 51.6	1.75	3.27	4.91	6.62	8.37	10.14	11.92	13.72	15.52	17.32	19.13	20.94	22.75	24.56	26.37	28.19	30.00	31.82	29.2
45.1-47.0	51.7- 54.1	1.75	3.27	4.92	6.64	8.40	10.18	11.98	13.79	15.60	17.42	19.24	21.06	22.89	24.71	26.54	28.36	30.19	32.02	29.6
47.1-49.0	54.2- 56.6	1.74	3.27	4.93	6.66	8.43	10.22	12.03	13.85	15.67	17.50	19.33	21.17	23.00	24.84	26.68	28.52	30.36	32.20	29.9
49.1-51.0	56.7- 59.1	1.74	3.27	4.93	6.67	8.45	10.25	12.07	13.90	15.73	17.57	19.42	21.26	23.11	24.96	26.81	28.66	30.51	32.36	30.1
51.1-53.0	59.2- 61.7	1.73	3.26	4.93	6.68	8.46	10.27	12.10	13.94	15.79	17.64	19.49	21.34	23.20	25.06	26.92	28.78	30.64	32.50	30.4
53.1-55.0	61.8- 64.2	1.73	3.26	4.93	6.68	8.47	10.29	12.13	13.98	15.83	17.69	19.55	21.42	23.28	25.15	27.02	28.89	30.76	32.62	30.6
55.1-57.0	64.4- 66.8	1.72	3.25	4.92	6.68	8.48	10.31	12.15	14.00	15.87	17.73	19.60	21.48	23.35	25.23	27.10	28.98	30.86	32.74	30.8
57.1-59.0	67.0- 69.4	1.71	3.24	4.92	6.68	8.48	10.32	12.17	14.03	15.90	17.77	19.65	21.53	23.41	25.30	27.18	29.07	30.95	32.84	30.9
59.1-61.0	69.6- 72.1	1.71	3.23	4.91	6.67	8.48	10.32	12.18	14.05	15.92	17.81	19.69	21.58	23.47	25.36	27.25	29.14	31.03	32.93	31.1
61.1-63.0	72.2- 74.7	1.70	3.22	4.90	6.67	8.48	10.32	12.19	14.06	15.94	17.83	19.72	21.62	23.51	25.41	27.31	29.21	31.11	33.00	31.2
63.1-65.0	74.9- 77.4	1.69	3.21	4.89	6.66	8.47	10.32	12.19	14.07	15.96	17.86	19.75	21.65	23.56	25.46	27.36	29.27	31.17	33.08	31.3
65.1-67.0	77.5- 80.1	1.68	3.20	4.88	6.65	8.47	10.32	12.19	14.08	15.97	17.87	19.78	21.68	23.59	25.50	27.41	29.32	31.23	33.14	31.4
67.1-69.0	80.2- 82.8	1.67	3.19	4.87	6.64	8.46	10.32	12.19	14.08	15.98	17.89	19.80	21.71	23.62	25.54	27.45	29.37	31.28	33.20	31.5
69.1-71.0	82.9- 85.5	1.66	3.18	4.85	6.62	8.45	10.31	12.19	14.09	15.99	17.90	19.81	21.73	23.65	25.57	27.49	29.41	31.33	33.25	31.5
71.1-73.0	85.7- 88.3	1.66	3.16	4.84	6.61	8.44	10.30	12.19	14.09	15.99	17.91	19.83	21.75	23.67	25.59	27.52	29.44	31.37	33.29	31.6
73.1-75.0	88.4- 91.1	1.65	3.15	4.82	6.60	8.43	10.29	12.18	14.08	15.99	17.91	19.83	21.76	23.69	25.62	27.54	29.47	31.40	33.33	31.7
75.1-77.0	91.2- 93.9	1.64	3.14	4.81	6.58	8.41	10.28	12.17	14.08	15.99	17.91	19.84	21.77	23.70	25.63	27.57	29.50	31.43	33.37	31.7
77.1-79.0	94.0- 96.7	1.63	3.12	4.79	6.56	8.40	10.27	12.16	14.07	15.99	17.91	19.85	21.78	23.71	25.65	27.59	29.52	31.46	33.40	31.8
79.1-81.0	96.8- 99.5	1.62	3.11	4.78	6.55	8.38	10.25	12.15	14.06	15.98	17.91	19.85	21.78	23.72	25.66	27.60	29.54	31.49	33.43	31.8

Table 33. Merchantable length (m) from 0.30 m stump height to 13.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m)																	
		3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
13.1-15.0	14.7- 16.7	0.28	0.42	0.53	0.61	0.68	0.74	0.80	0.87	0.93	0.99	1.06	1.12	1.19	1.25	1.32	1.38	1.45	1.52	14.3
15.1-17.0	16.8- 18.9	0.64	1.13	1.63	2.13	2.64	3.14	3.66	4.17	4.68	5.20	5.72	6.23	6.75	7.27	7.79	8.31	8.83	9.35	16.1
17.1-19.0	19.0- 21.1	0.90	1.64	2.42	3.24	4.07	4.92	5.78	6.65	7.52	8.39	9.27	10.16	11.04	11.93	12.81	13.70	14.59	15.48	17.8
19.1-21.0	21.2- 23.3	1.08	1.99	2.96	3.98	5.02	6.07	7.14	8.21	9.30	10.38	11.47	12.56	13.66	14.76	15.85	16.95	18.06	19.16	19.4
21.1-23.0	23.4- 25.6	1.22	2.24	3.35	4.50	5.68	6.87	8.08	9.30	10.52	11.75	12.98	14.22	15.45	16.69	17.93	19.17	20.42	21.66	20.8
23.1-25.0	25.7- 27.8	1.31	2.43	3.63	4.88	6.16	7.46	8.77	10.10	11.42	12.75	14.09	15.43	16.77	18.11	19.46	20.80	22.15	23.50	22.1
25.1-27.0	28.0- 30.1	1.39	2.57	3.85	5.18	6.53	7.91	9.30	10.71	12.11	13.53	14.94	16.36	17.78	19.21	20.63	22.06	23.49	24.91	23.2
27.1-29.0	30.2- 32.4	1.44	2.68	4.02	5.40	6.83	8.27	9.72	11.19	12.66	14.14	15.62	17.10	18.59	20.07	21.56	23.05	24.54	26.04	24.2
29.1-31.0	32.5- 34.7	1.49	2.77	4.15	5.59	7.06	8.55	10.06	11.57	13.10	14.63	16.16	17.70	19.23	20.78	22.32	23.86	25.41	26.95	25.1
31.1-33.0	34.9- 37.1	1.52	2.83	4.25	5.73	7.25	8.78	10.33	11.89	13.46	15.03	16.61	18.19	19.77	21.35	22.94	24.53	26.12	27.71	26.0
33.1-35.0	37.2- 39.5	1.55	2.89	4.34	5.85	7.40	8.97	10.56	12.15	13.76	15.37	16.98	18.60	20.22	21.84	23.46	25.09	26.71	28.34	26.7
35.1-37.0	39.6- 41.8	1.57	2.93	4.40	5.95	7.52	9.13	10.74	12.37	14.01	15.65	17.30	18.95	20.60	22.25	23.91	25.56	27.22	28.88	27.3
37.1-39.0	42.0- 44.2	1.58	2.96	4.46	6.02	7.63	9.26	10.90	12.56	14.22	15.89	17.56	19.24	20.92	22.60	24.28	25.97	27.65	29.34	27.9
39.1-41.0	44.4- 46.7	1.59	2.99	4.50	6.09	7.72	9.37	11.04	12.72	14.40	16.10	17.79	19.49	21.20	22.90	24.61	26.32	28.03	29.74	28.4
41.1-43.0	46.8- 49.1	1.60	3.01	4.54	6.14	7.79	9.46	11.15	12.85	14.56	16.27	17.99	19.71	21.44	23.16	24.89	26.62	28.35	30.08	28.8
43.1-45.0	49.2- 51.6	1.61	3.02	4.57	6.19	7.85	9.54	11.24	12.96	14.69	16.42	18.16	19.90	21.65	23.39	25.14	26.89	28.64	30.39	29.2
45.1-47.0	51.7- 54.1	1.61	3.03	4.59	6.22	7.90	9.60	11.33	13.06	14.80	16.55	18.31	20.07	21.83	23.59	25.35	27.12	28.89	30.65	29.6
47.1-49.0	54.2- 56.6	1.61	3.04	4.60	6.25	7.94	9.66	11.40	13.15	14.90	16.67	18.44	20.21	21.99	23.77	25.54	27.33	29.11	30.89	29.9
49.1-51.0	56.7- 59.1	1.61	3.04	4.62	6.27	7.97	9.70	11.45	13.22	14.99	16.77	18.55	20.34	22.13	23.92	25.71	27.51	29.30	31.10	30.1
51.1-53.0	59.2- 61.7	1.61	3.04	4.62	6.29	8.00	9.74	11.50	13.28	15.06	16.85	18.65	20.45	22.25	24.06	25.86	27.67	29.48	31.29	30.4
53.1-55.0	61.8- 64.2	1.61	3.04	4.63	6.30	8.02	9.77	11.55	13.33	15.13	16.93	18.74	20.55	22.36	24.18	25.99	27.81	29.63	31.45	30.6
55.1-57.0	64.4- 66.8	1.60	3.04	4.63	6.31	8.04	9.80	11.58	13.38	15.18	17.00	18.81	20.63	22.46	24.28	26.11	27.94	29.77	31.60	30.8
57.1-59.0	67.0- 69.4	1.60	3.04	4.63	6.32	8.05	9.82	11.61	13.42	15.23	17.05	18.88	20.71	22.54	24.38	26.22	28.05	29.89	31.73	30.9
59.1-61.0	69.6- 72.1	1.59	3.03	4.63	6.32	8.06	9.84	11.63	13.45	15.27	17.10	18.94	20.78	22.62	24.46	26.31	28.16	30.00	31.85	31.1
61.1-63.0	72.2- 74.7	1.59	3.03	4.63	6.32	8.07	9.85	11.65	13.47	15.31	17.14	18.99	20.83	22.69	24.54	26.39	28.25	30.10	31.96	31.2
63.1-65.0	74.9- 77.4	1.58	3.02	4.62	6.32	8.07	9.86	11.67	13.50	15.33	17.18	19.03	20.89	22.74	24.60	26.47	28.33	30.19	32.06	31.3
65.1-67.0	77.5- 80.1	1.58	3.01	4.61	6.31	8.07	9.86	11.68	13.51	15.36	17.21	19.07	20.93	22.80	24.66	26.53	28.40	30.27	32.15	31.4
67.1-69.0	80.2- 82.8	1.57	3.01	4.61	6.31	8.07	9.87	11.69	13.53	15.38	17.24	19.10	20.97	22.84	24.72	26.59	28.47	30.35	32.22	31.5
69.1-71.0	82.9- 85.5	1.57	3.00	4.60	6.30	8.06	9.87	11.69	13.54	15.39	17.26	19.13	21.00	22.88	24.76	26.64	28.53	30.41	32.29	31.5
71.1-73.0	85.7- 88.3	1.56	2.99	4.59	6.29	8.06	9.86	11.70	13.55	15.41	17.28	19.15	21.03	22.92	24.80	26.69	28.58	30.47	32.36	31.6
73.1-75.0	88.4- 91.1	1.55	2.98	4.58	6.28	8.05	9.86	11.70	13.55	15.42	17.29	19.17	21.06	22.95	24.84	26.73	28.62	30.52	32.42	31.7
75.1-77.0	91.2- 93.9	1.55	2.97	4.57	6.27	8.04	9.85	11.69	13.55	15.42	17.30	19.19	21.08	22.97	24.87	26.77	28.67	30.57	32.47	31.7
77.1-79.0	94.0- 96.7	1.54	2.96	4.55	6.26	8.03	9.85	11.69	13.55	15.43	17.31	19.20	21.10	22.99	24.90	26.80	28.70	30.61	32.51	31.8
79.1-81.0	96.8- 99.5	1.53	2.95	4.54	6.25	8.02	9.84	11.68	13.55	15.43	17.32	19.21	21.11	23.01	24.92	26.83	28.73	30.64	32.55	31.8

ALBERTA LAND AND FOREST SERVICES — INDIVIDUAL TREE VOLUME TABLE (1994)

Table 34. Merchantable length (m) from 0.30 m stump height to 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m)																		
		3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.8- 18.9	0.27	0.41	0.50	0.56	0.61	0.66	0.71	0.76	0.80	0.85	0.90	0.95	1.01	1.06	1.11	1.17	1.22	1.27	16.1
17.1-19.0	19.0- 21.1	0.57	0.99	1.40	1.81	2.21	2.61	3.01	3.41	3.80	4.20	4.59	4.98	5.37	5.76	6.15	6.54	6.93	7.32	17.8
19.1-21.0	21.2- 23.3	0.79	1.43	2.11	2.81	3.53	4.26	5.00	5.75	6.51	7.27	8.03	8.80	9.57	10.34	11.11	11.89	12.66	13.44	19.4
21.1-23.0	23.4- 25.6	0.95	1.76	2.62	3.52	4.45	5.39	6.35	7.32	8.30	9.28	10.26	11.26	12.25	13.24	14.24	15.24	16.24	17.24	20.8
23.1-25.0	25.7- 27.8	1.08	2.00	2.99	4.03	5.11	6.20	7.31	8.43	9.55	10.69	11.82	12.96	14.11	15.26	16.40	17.55	18.71	19.86	22.1
25.1-27.0	28.0- 30.1	1.17	2.18	3.27	4.42	5.60	6.80	8.02	9.25	10.49	11.73	12.98	14.23	15.49	16.75	18.01	19.27	20.53	21.79	23.2
27.1-29.0	30.2- 32.4	1.25	2.32	3.49	4.72	5.99	7.27	8.58	9.89	11.21	12.54	13.88	15.22	16.56	17.90	19.25	20.59	21.94	23.29	24.2
29.1-31.0	32.5- 34.7	1.30	2.43	3.67	4.96	6.29	7.64	9.02	10.40	11.79	13.19	14.59	16.00	17.41	18.82	20.24	21.65	23.07	24.49	25.1
31.1-33.0	34.9- 37.1	1.35	2.52	3.81	5.15	6.54	7.95	9.37	10.81	12.26	13.71	15.17	16.64	18.11	19.57	21.05	22.52	23.99	25.47	26.0
33.1-35.0	37.2- 39.5	1.38	2.59	3.92	5.31	6.74	8.19	9.67	11.15	12.65	14.15	15.66	17.17	18.68	20.20	21.72	23.24	24.76	26.29	26.7
35.1-37.0	39.6- 41.8	1.41	2.65	4.01	5.43	6.90	8.40	9.91	11.44	12.97	14.51	16.06	17.61	19.17	20.73	22.28	23.85	25.41	26.97	27.3
37.1-39.0	42.0- 44.2	1.43	2.70	4.08	5.54	7.04	8.57	10.12	11.68	13.25	14.82	16.40	17.99	19.58	21.17	22.77	24.36	25.96	27.56	27.9
39.1-41.0	44.4- 46.7	1.45	2.74	4.14	5.63	7.16	8.71	10.29	11.88	13.48	15.09	16.70	18.31	19.93	21.56	23.18	24.81	26.44	28.07	28.4
41.1-43.0	46.8- 49.1	1.47	2.77	4.19	5.70	7.25	8.83	10.44	12.05	13.68	15.31	16.95	18.59	20.24	21.89	23.54	25.20	26.85	28.51	28.8
43.1-45.0	49.2- 51.6	1.48	2.79	4.24	5.76	7.33	8.94	10.56	12.20	13.85	15.51	17.17	18.84	20.51	22.18	23.86	25.53	27.21	28.89	29.2
45.1-47.0	51.7- 54.1	1.48	2.81	4.27	5.81	7.40	9.03	10.67	12.33	14.00	15.68	17.36	19.05	20.74	22.43	24.13	25.83	27.53	29.23	29.6
47.1-49.0	54.2- 56.6	1.49	2.82	4.30	5.85	7.46	9.10	10.76	12.44	14.13	15.83	17.53	19.23	20.94	22.66	24.37	26.09	27.81	29.53	29.9
49.1-51.0	56.7- 59.1	1.49	2.83	4.32	5.89	7.51	9.17	10.84	12.54	14.24	15.95	17.67	19.40	21.12	22.85	24.59	26.32	28.06	29.79	30.1
51.1-53.0	59.2- 61.7	1.50	2.84	4.34	5.92	7.55	9.22	10.91	12.62	14.34	16.07	17.80	19.54	21.28	23.03	24.78	26.53	28.28	30.03	30.4
53.1-55.0	61.8- 64.2	1.50	2.85	4.35	5.94	7.59	9.27	10.97	12.69	14.43	16.17	17.92	19.67	21.42	23.18	24.95	26.71	28.47	30.24	30.6
55.1-57.0	64.4- 66.8	1.50	2.85	4.36	5.96	7.61	9.31	11.02	12.76	14.50	16.25	18.02	19.78	21.55	23.32	25.10	26.87	28.65	30.43	30.8
57.1-59.0	67.0- 69.4	1.50	2.85	4.37	5.97	7.64	9.34	11.07	12.81	14.57	16.33	18.10	19.88	21.66	23.45	25.23	27.02	28.81	30.60	30.9
59.1-61.0	69.6- 72.1	1.49	2.85	4.37	5.98	7.66	9.37	11.10	12.86	14.62	16.40	18.18	19.97	21.76	23.56	25.35	27.15	28.95	30.75	31.1
61.1-63.0	72.2- 74.7	1.49	2.85	4.37	5.99	7.67	9.39	11.13	12.90	14.67	16.46	18.25	20.05	21.85	23.65	25.46	27.27	29.08	30.89	31.2
63.1-65.0	74.9- 77.4	1.49	2.85	4.37	6.00	7.68	9.41	11.16	12.93	14.71	16.51	18.31	20.12	21.93	23.74	25.56	27.38	29.20	31.02	31.3
65.1-67.0	77.5- 80.1	1.49	2.85	4.37	6.00	7.69	9.42	11.18	12.96	14.75	16.55	18.36	20.18	22.00	23.82	25.65	27.47	29.30	31.13	31.4
67.1-69.0	80.2- 82.8	1.48	2.84	4.37	6.00	7.69	9.43	11.20	12.98	14.78	16.59	18.41	20.23	22.06	23.89	25.72	27.56	29.39	31.23	31.5
69.1-71.0	82.9- 85.5	1.48	2.84	4.36	6.00	7.70	9.44	11.21	13.00	14.81	16.63	18.45	20.28	22.12	23.95	25.79	27.64	29.48	31.32	31.5
71.1-73.0	85.7- 88.3	1.47	2.83	4.36	5.99	7.70	9.44	11.22	13.02	14.83	16.66	18.49	20.32	22.16	24.01	25.86	27.71	29.56	31.41	31.6
73.1-75.0	88.4- 91.1	1.47	2.82	4.35	5.99	7.69	9.45	11.23	13.03	14.85	16.68	18.52	20.36	22.21	24.06	25.91	27.77	29.63	31.48	31.7
75.1-77.0	91.2- 93.9	1.46	2.82	4.34	5.98	7.69	9.45	11.23	13.04	14.87	16.70	18.54	20.39	22.25	24.10	25.96	27.83	29.69	31.55	31.7
77.1-79.0	94.0- 96.7	1.46	2.81	4.33	5.97	7.69	9.44	11.24	13.05	14.88	16.72	18.57	20.42	22.28	24.14	26.01	27.88	29.74	31.62	31.8
79.1-81.0	96.8- 99.5	1.45	2.80	4.33	5.97	7.68	9.44	11.24	13.05	14.89	16.73	18.58	20.44	22.31	24.18	26.05	27.92	29.80	31.67	31.8

9.0 MERCHANTABLE LENGTH TABLES FOR NATURAL REGIONS 9, 11, 14

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 35. Merchantable length (m) from 0.30 m stump height to 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	5.9- 7.9	0.74	1.32	1.92	2.52	3.14	3.76	4.38	5.00	5.63	6.26	6.89	7.52	8.15	8.78	9.42	10.05	10.68	11.32	6.3
7.1- 9.0	8.0- 10.1	1.69	2.97	4.28	5.61	6.94	8.28	9.62	10.96	12.31	13.65	15.00	16.35	17.70	19.04	20.39	21.74	23.09	24.44	8.2
9.1-11.0	10.2- 12.2	2.04	3.55	5.08	6.64	8.20	9.76	11.32	12.89	14.46	16.03	17.60	19.17	20.74	22.31	23.88	25.45	27.02	28.60	10.1
11.1-13.0	12.4- 14.4	2.21	3.84	5.50	7.17	8.85	10.53	12.22	13.91	15.59	17.28	18.97	20.66	22.35	24.04	25.73	27.42	29.11	30.80	11.8
13.1-15.0	14.5- 16.6	2.31	4.00	5.74	7.49	9.24	11.00	12.76	14.53	16.29	18.05	19.82	21.58	23.34	25.11	26.87	28.64	30.40	32.17	13.5
15.1-17.0	16.8- 18.9	2.36	4.11	5.89	7.69	9.50	11.31	13.12	14.94	16.75	18.57	20.38	22.20	24.01	25.83	27.64	29.46	31.27	33.09	15.1
17.1-19.0	19.0- 21.1	2.39	4.17	5.99	7.83	9.68	11.52	13.37	15.22	17.08	18.93	20.78	22.63	24.48	26.33	28.18	30.03	31.89	33.74	16.6
19.1-21.0	21.2- 23.4	2.40	4.20	6.06	7.92	9.80	11.67	13.55	15.43	17.31	19.19	21.07	22.95	24.83	26.70	28.58	30.46	32.34	34.22	18.0
21.1-23.0	23.5- 25.6	2.40	4.22	6.10	7.99	9.88	11.78	13.68	15.59	17.49	19.39	21.29	23.19	25.09	26.99	28.88	30.78	32.68	34.58	19.3
23.1-25.0	25.8- 27.9	2.40	4.23	6.12	8.03	9.95	11.86	13.78	15.70	17.62	19.54	21.45	23.37	25.29	27.20	29.12	31.03	32.95	34.86	20.5
25.1-27.0	28.0- 30.2	2.39	4.23	6.14	8.06	9.99	11.92	13.85	15.79	17.72	19.65	21.58	23.51	25.44	27.37	29.30	31.23	33.16	35.09	21.6
27.1-29.0	30.4- 32.6	2.37	4.23	6.14	8.07	10.02	11.96	13.91	15.85	17.80	19.74	21.69	23.63	25.57	27.51	29.45	31.39	33.33	35.27	22.6
29.1-31.0	32.7- 34.9	2.36	4.21	6.14	8.08	10.04	11.99	13.95	15.91	17.86	19.81	21.77	23.72	25.67	27.62	29.57	31.52	33.47	35.41	23.6
31.1-33.0	35.0- 37.3	2.34	4.20	6.13	8.08	10.05	12.01	13.98	15.94	17.91	19.87	21.83	23.79	25.75	27.71	29.67	31.62	33.58	35.53	24.4
33.1-35.0	37.4- 39.6	2.32	4.18	6.12	8.08	10.05	12.02	14.00	15.97	17.94	19.91	21.88	23.85	25.82	27.78	29.75	31.71	33.67	35.63	25.2
35.1-37.0	39.8- 42.0	2.30	4.16	6.10	8.07	10.05	12.03	14.01	15.99	17.97	19.95	21.92	23.90	25.87	27.84	29.81	31.78	33.75	35.72	26.0
37.1-39.0	42.2- 44.4	2.28	4.14	6.08	8.05	10.04	12.03	14.02	16.00	17.99	19.97	21.95	23.93	25.91	27.89	29.86	31.84	33.81	35.78	26.6
39.1-41.0	44.6- 46.9	2.26	4.11	6.06	8.04	10.03	12.02	14.02	16.01	18.00	19.99	21.98	23.96	25.94	27.93	29.91	31.89	33.86	35.84	27.2
41.1-43.0	47.0- 49.3	2.24	4.09	6.04	8.02	10.01	12.01	14.01	16.01	18.01	20.00	21.99	23.98	25.97	27.96	29.94	31.93	33.91	35.89	27.8
43.1-45.0	49.4- 51.8	2.22	4.07	6.01	8.00	10.00	12.00	14.01	16.01	18.01	20.01	22.00	24.00	25.99	27.98	29.97	31.96	33.94	35.93	28.3
45.1-47.0	51.9- 54.3	2.20	4.04	5.99	7.97	9.98	11.99	14.00	16.00	18.01	20.01	22.01	24.01	26.01	28.00	29.99	31.98	33.97	35.96	28.8
47.1-49.0	54.4- 56.8	2.18	4.01	5.96	7.95	9.96	11.97	13.98	15.99	18.00	20.01	22.02	24.02	26.02	28.02	30.01	32.01	34.00	35.99	29.2
49.1-51.0	56.9- 59.3	2.16	3.99	5.93	7.92	9.93	11.95	13.97	15.98	18.00	20.01	22.02	24.02	26.02	28.03	30.03	32.02	34.02	36.01	29.6
51.1-53.0	59.4- 61.8	2.14	3.96	5.91	7.90	9.91	11.93	13.95	15.97	17.99	20.00	22.01	24.02	26.03	28.03	30.03	32.04	34.03	36.03	30.0
53.1-55.0	61.9- 64.3	2.12	3.93	5.88	7.87	9.88	11.91	13.93	15.95	17.97	19.99	22.01	24.02	26.03	28.04	30.04	32.04	34.05	36.05	30.3
55.1-57.0	64.5- 66.9	2.10	3.91	5.85	7.84	9.86	11.88	13.91	15.94	17.96	19.98	22.00	24.01	26.03	28.04	30.04	32.05	34.05	36.06	30.6
57.1-59.0	67.0- 69.5	2.08	3.88	5.82	7.81	9.83	11.86	13.89	15.92	17.94	19.97	21.99	24.01	26.02	28.04	30.05	32.05	34.06	36.06	30.9
59.1-61.0	69.6- 72.1	2.06	3.85	5.79	7.78	9.80	11.83	13.86	15.90	17.93	19.95	21.98	24.00	26.02	28.03	30.04	32.05	34.06	36.07	31.1
61.1-63.0	72.2- 74.7	2.04	3.83	5.76	7.75	9.77	11.81	13.84	15.87	17.91	19.94	21.96	23.99	26.01	28.03	30.04	32.05	34.06	36.07	31.4
63.1-65.0	74.8- 77.3	2.02	3.80	5.73	7.72	9.74	11.78	13.81	15.85	17.89	19.92	21.95	23.97	26.00	28.02	30.03	32.05	34.06	36.07	31.6
65.1-67.0	77.5- 80.0	2.00	3.78	5.70	7.69	9.71	11.75	13.79	15.83	17.87	19.90	21.93	23.96	25.99	28.01	30.03	32.04	34.06	36.07	31.8
67.1-69.0	80.1- 82.6	1.98	3.75	5.67	7.66	9.68	11.72	13.76	15.80	17.84	19.88	21.91	23.94	25.97	28.00	30.02	32.04	34.05	36.07	31.9
69.1-71.0	82.8- 85.3	1.97	3.72	5.64	7.63	9.65	11.69	13.73	15.78	17.82	19.86	21.89	23.93	25.96	27.98	30.01	32.03	34.05	36.06	32.1
71.1-73.0	85.4- 88.0	1.95	3.70	5.61	7.60	9.62	11.66	13.70	15.75	17.79	19.84	21.87	23.91	25.94	27.97	30.00	32.02	34.04	36.06	32.3
73.1-75.0	88.1- 90.7	1.93	3.67	5.58	7.56	9.59	11.63	13.67	15.72	17.77	19.81	21.85	23.89	25.92	27.96	29.98	32.01	34.03	36.05	32.4
75.1-77.0	90.9- 93.5	1.92	3.65	5.55	7.53	9.56	11.60	13.64	15.69	17.74	19.79	21.83	23.87	25.91	27.94	29.97	31.99	34.02	36.04	32.5
77.1-79.0	93.6- 96.2	1.90	3.63	5.52	7.50	9.52	11.56	13.61	15.66	17.72	19.76	21.81	23.85	25.89	27.92	29.95	31.98	34.01	36.03	32.6
79.1-81.0	96.3- 99.0	1.89	3.60	5.49	7.47	9.49	11.53	13.58	15.64	17.69	19.74	21.78	23.83	25.87	27.90	29.94	31.97	33.99	36.02	32.7

Table 36. Merchantable length (m) from 0.30 m stump height to 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	8.0- 10.1	0.49	0.83	1.14	1.44	1.73	2.01	2.29	2.56	2.83	3.09	3.35	3.61	3.87	4.12	4.38	4.63	4.88	5.13	8.2
9.1-11.0	10.2- 12.2	1.26	2.29	3.37	4.49	5.62	6.76	7.90	9.05	10.21	11.36	12.52	13.68	14.84	16.00	17.16	18.32	19.49	20.65	10.1
11.1-13.0	12.4- 14.4	1.62	2.92	4.27	5.65	7.05	8.45	9.86	11.27	12.69	14.11	15.52	16.94	18.36	19.78	21.21	22.63	24.05	25.47	11.8
13.1-15.0	14.5- 16.6	1.81	3.25	4.75	6.28	7.82	9.37	10.92	12.48	14.03	15.59	17.16	18.72	20.28	21.84	23.41	24.97	26.54	28.10	13.5
15.1-17.0	16.8- 18.9	1.93	3.46	5.05	6.67	8.30	9.94	11.59	13.24	14.89	16.54	18.19	19.85	21.50	23.16	24.81	26.47	28.13	29.78	15.1
17.1-19.0	19.0- 21.1	2.00	3.59	5.25	6.93	8.63	10.33	12.04	13.76	15.47	17.19	18.91	20.63	22.35	24.07	25.79	27.51	29.23	30.95	16.6
19.1-21.0	21.2- 23.4	2.05	3.68	5.38	7.11	8.86	10.61	12.37	14.13	15.90	17.66	19.43	21.19	22.96	24.73	26.50	28.27	30.03	31.80	18.0
21.1-23.0	23.5- 25.6	2.07	3.74	5.48	7.24	9.03	10.82	12.61	14.41	16.21	18.01	19.82	21.62	23.42	25.23	27.03	28.84	30.64	32.45	19.3
23.1-25.0	25.8- 27.9	2.09	3.78	5.54	7.34	9.15	10.97	12.80	14.62	16.45	18.28	20.12	21.95	23.78	25.61	27.45	29.28	31.11	32.95	20.5
25.1-27.0	28.0- 30.2	2.10	3.80	5.58	7.40	9.24	11.09	12.93	14.79	16.64	18.50	20.35	22.21	24.06	25.92	27.78	29.63	31.49	33.34	21.6
27.1-29.0	30.4- 32.6	2.10	3.81	5.61	7.45	9.31	11.17	13.04	14.91	16.79	18.66	20.54	22.41	24.29	26.16	28.04	29.91	31.79	33.66	22.6
29.1-31.0	32.7- 34.9	2.09	3.82	5.63	7.49	9.36	11.24	13.13	15.01	16.91	18.80	20.69	22.58	24.47	26.36	28.25	30.14	32.04	33.93	23.6
31.1-33.0	35.0- 37.3	2.08	3.82	5.64	7.51	9.40	11.29	13.19	15.09	17.00	18.90	20.81	22.71	24.62	26.52	28.43	30.33	32.24	34.14	24.4
33.1-35.0	37.4- 39.6	2.08	3.81	5.64	7.52	9.42	11.33	13.24	15.16	17.07	18.99	20.91	22.82	24.74	26.66	28.58	30.49	32.41	34.32	25.2
35.1-37.0	39.8- 42.0	2.06	3.80	5.64	7.53	9.44	11.35	13.28	15.20	17.13	19.06	20.99	22.92	24.84	26.77	28.70	30.62	32.55	34.47	26.0
37.1-39.0	42.2- 44.4	2.05	3.79	5.63	7.53	9.45	11.37	13.31	15.24	17.18	19.12	21.05	22.99	24.93	26.86	28.80	30.73	32.67	34.60	26.6
39.1-41.0	44.6- 46.9	2.04	3.77	5.62	7.52	9.45	11.38	13.33	15.27	17.22	19.16	21.11	23.05	25.00	26.94	28.88	30.83	32.77	34.71	27.2
41.1-43.0	47.0- 49.3	2.02	3.76	5.61	7.52	9.45	11.39	13.34	15.29	17.24	19.20	21.15	23.10	25.05	27.01	28.96	30.91	32.85	34.80	27.8
43.1-45.0	49.4- 51.8	2.01	3.74	5.59	7.50	9.44	11.39	13.35	15.30	17.26	19.22	21.18	23.14	25.10	27.06	29.02	30.97	32.93	34.88	28.3
45.1-47.0	51.9- 54.3	1.99	3.72	5.57	7.49	9.43	11.39	13.35	15.31	17.28	19.24	21.21	23.18	25.14	27.10	29.07	31.03	32.99	34.95	28.8
47.1-49.0	54.4- 56.8	1.98	3.70	5.55	7.47	9.42	11.38	13.35	15.32	17.29	19.26	21.23	23.20	25.17	27.14	29.11	31.07	33.04	35.01	29.2
49.1-51.0	56.9- 59.3	1.96	3.68	5.53	7.45	9.40	11.37	13.34	15.32	17.29	19.27	21.25	23.22	25.20	27.17	29.14	31.11	33.09	35.05	29.6
51.1-53.0	59.4- 61.8	1.94	3.66	5.51	7.43	9.38	11.35	13.33	15.31	17.29	19.27	21.26	23.24	25.22	27.19	29.17	31.15	33.12	35.10	30.0
53.1-55.0	61.9- 64.3	1.93	3.64	5.49	7.41	9.36	11.34	13.32	15.30	17.29	19.28	21.26	23.25	25.23	27.21	29.19	31.17	33.15	35.13	30.3
55.1-57.0	64.5- 66.9	1.91	3.61	5.46	7.39	9.34	11.32	13.30	15.29	17.28	19.27	21.26	23.25	25.24	27.23	29.21	31.20	33.18	35.16	30.6
57.1-59.0	67.0- 69.5	1.90	3.59	5.44	7.36	9.32	11.30	13.29	15.28	17.27	19.27	21.26	23.26	25.25	27.24	29.23	31.21	33.20	35.18	30.9
59.1-61.0	69.6- 72.1	1.88	3.57	5.41	7.33	9.30	11.28	13.27	15.26	17.26	19.26	21.26	23.26	25.25	27.24	29.24	31.23	33.22	35.20	31.1
61.1-63.0	72.2- 74.7	1.87	3.55	5.39	7.31	9.27	11.25	13.25	15.25	17.25	19.25	21.25	23.25	25.25	27.25	29.24	31.24	33.23	35.22	31.4
63.1-65.0	74.8- 77.3	1.85	3.52	5.36	7.28	9.24	11.23	13.23	15.23	17.23	19.24	21.24	23.25	25.25	27.25	29.25	31.24	33.24	35.23	31.6
65.1-67.0	77.5- 80.0	1.84	3.50	5.33	7.25	9.22	11.20	13.20	15.21	17.22	19.22	21.23	23.24	25.24	27.25	29.25	31.25	33.24	35.24	31.8
67.1-69.0	80.1- 82.6	1.82	3.48	5.31	7.23	9.19	11.18	13.18	15.19	17.20	19.21	21.22	23.23	25.23	27.24	29.24	31.25	33.25	35.25	31.9
69.1-71.0	82.8- 85.3	1.81	3.46	5.28	7.20	9.16	11.15	13.15	15.16	17.18	19.19	21.20	23.21	25.23	27.23	29.24	31.25	33.25	35.25	32.1
71.1-73.0	85.4- 88.0	1.79	3.44	5.26	7.17	9.13	11.12	13.13	15.14	17.15	19.17	21.19	23.20	25.21	27.22	29.23	31.24	33.25	35.25	32.3
73.1-75.0	88.1- 90.7	1.78	3.41	5.23	7.14	9.10	11.09	13.10	15.11	17.13	19.15	21.17	23.19	25.20	27.21	29.23	31.24	33.24	35.25	32.4
75.1-77.0	90.9- 93.5	1.77	3.39	5.20	7.11	9.07	11.07	13.07	15.09	17.11	19.13	21.15	23.17	25.19	27.20	29.22	31.23	33.24	35.25	32.5
77.1-79.0	93.6- 96.2	1.75	3.37	5.18	7.08	9.04	11.04	13.04	15.06	17.08	19.11	21.13	23.15	25.17	27.19	29.20	31.22	33.23	35.24	32.6
79.1-81.0	96.3- 99.0	1.74	3.35	5.15	7.05	9.01	11.00	13.01	15.03	17.06	19.08	21.11	23.13	25.15	27.17	29.19	31.21	33.22	35.23	32.7

Table 37. Merchantable length (m) from 0.30 m stump height to 10.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m)																	Predicted HT (m)
		3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	
11.1-13.0	12.4- 14.4	0.65	1.16	1.67	2.20	2.73	3.27	3.82	4.36	4.92	5.47	6.02	6.58	7.14	7.70	8.26	8.82	9.38	9.95	11.8
13.1-15.0	14.5- 16.6	1.05	1.95	2.92	3.94	4.97	6.03	7.10	8.18	9.26	10.35	11.44	12.54	13.64	14.74	15.84	16.94	18.04	19.15	13.5
15.1-17.0	16.8- 18.9	1.30	2.41	3.61	4.85	6.12	7.40	8.70	10.01	11.31	12.63	13.94	15.26	16.58	17.91	19.23	20.55	21.88	23.20	15.1
17.1-19.0	19.0- 21.1	1.46	2.70	4.03	5.41	6.82	8.24	9.68	11.12	12.56	14.01	15.47	16.92	18.38	19.83	21.29	22.75	24.21	25.67	16.6
19.1-21.0	21.2- 23.4	1.56	2.89	4.32	5.79	7.29	8.81	10.34	11.87	13.41	14.96	16.50	18.05	19.60	21.15	22.70	24.25	25.81	27.36	18.0
21.1-23.0	23.5- 25.6	1.63	3.03	4.52	6.06	7.63	9.22	10.82	12.42	14.03	15.64	17.26	18.87	20.49	22.11	23.73	25.35	26.97	28.60	19.3
23.1-25.0	25.8- 27.9	1.68	3.12	4.66	6.26	7.88	9.52	11.17	12.83	14.49	16.16	17.83	19.50	21.17	22.84	24.51	26.19	27.86	29.54	20.5
25.1-27.0	28.0- 30.2	1.72	3.19	4.77	6.41	8.07	9.75	11.45	13.15	14.85	16.56	18.27	19.98	21.70	23.41	25.13	26.84	28.56	30.28	21.6
27.1-29.0	30.4- 32.6	1.74	3.24	4.85	6.52	8.22	9.93	11.66	13.40	15.13	16.88	18.62	20.37	22.12	23.86	25.61	27.37	29.12	30.87	22.6
29.1-31.0	32.7- 34.9	1.75	3.27	4.91	6.61	8.33	10.08	11.83	13.59	15.36	17.13	18.91	20.68	22.46	24.23	26.01	27.79	29.57	31.35	23.6
31.1-33.0	35.0- 37.3	1.76	3.30	4.96	6.67	8.42	10.19	11.97	13.75	15.55	17.34	19.14	20.94	22.74	24.54	26.34	28.14	29.95	31.75	24.4
33.1-35.0	37.4- 39.6	1.77	3.32	4.99	6.72	8.49	10.28	12.08	13.88	15.70	17.51	19.33	21.15	22.97	24.79	26.61	28.44	30.26	32.08	25.2
35.1-37.0	39.8- 42.0	1.77	3.32	5.01	6.76	8.54	10.35	12.16	13.99	15.82	17.65	19.49	21.32	23.16	25.00	26.84	28.68	30.52	32.36	26.0
37.1-39.0	42.2- 44.4	1.77	3.33	5.02	6.78	8.58	10.40	12.23	14.07	15.92	17.77	19.62	21.47	23.33	25.18	27.04	28.89	30.75	32.60	26.6
39.1-41.0	44.6- 46.9	1.77	3.33	5.03	6.80	8.61	10.45	12.29	14.14	16.00	17.87	19.73	21.60	23.46	25.33	27.20	29.07	30.94	32.81	27.2
41.1-43.0	47.0- 49.3	1.76	3.33	5.03	6.81	8.64	10.48	12.34	14.20	16.07	17.95	19.82	21.70	23.58	25.46	27.34	29.22	31.10	32.99	27.8
43.1-45.0	49.4- 51.8	1.75	3.32	5.03	6.82	8.65	10.50	12.37	14.25	16.13	18.01	19.90	21.79	23.68	25.57	27.46	29.35	31.25	33.14	28.3
45.1-47.0	51.9- 54.3	1.75	3.31	5.03	6.82	8.66	10.52	12.40	14.28	16.17	18.07	19.97	21.86	23.76	25.66	27.57	29.47	31.37	33.27	28.8
47.1-49.0	54.4- 56.8	1.74	3.30	5.02	6.82	8.66	10.53	12.42	14.31	16.21	18.11	20.02	21.93	23.84	25.75	27.65	29.56	31.47	33.38	29.2
49.1-51.0	56.9- 59.3	1.73	3.29	5.01	6.81	8.66	10.54	12.43	14.33	16.24	18.15	20.06	21.98	23.90	25.81	27.73	29.65	31.57	33.48	29.6
51.1-53.0	59.4- 61.8	1.72	3.28	5.00	6.80	8.66	10.54	12.44	14.35	16.26	18.18	20.10	22.02	23.95	25.87	27.80	29.72	31.65	33.57	30.0
53.1-55.0	61.9- 64.3	1.71	3.26	4.98	6.79	8.65	10.54	12.44	14.36	16.28	18.20	20.13	22.06	23.99	25.92	27.85	29.78	31.71	33.65	30.3
55.1-57.0	64.5- 66.9	1.70	3.25	4.97	6.78	8.64	10.53	12.44	14.36	16.29	18.22	20.15	22.09	24.03	25.96	27.90	29.84	31.77	33.71	30.6
57.1-59.0	67.0- 69.5	1.69	3.23	4.95	6.76	8.63	10.52	12.44	14.36	16.30	18.23	20.17	22.11	24.06	26.00	27.94	29.88	31.83	33.77	30.9
59.1-61.0	69.6- 72.1	1.68	3.22	4.93	6.75	8.61	10.51	12.43	14.36	16.30	18.24	20.19	22.13	24.08	26.03	27.97	29.92	31.87	33.82	31.1
61.1-63.0	72.2- 74.7	1.67	3.20	4.92	6.73	8.60	10.50	12.42	14.36	16.30	18.24	20.19	22.15	24.10	26.05	28.00	29.96	31.91	33.86	31.4
63.1-65.0	74.8- 77.3	1.66	3.19	4.90	6.71	8.58	10.48	12.41	14.35	16.29	18.24	20.20	22.15	24.11	26.07	28.03	29.98	31.94	33.90	31.6
65.1-67.0	77.5- 80.0	1.65	3.17	4.88	6.69	8.56	10.47	12.39	14.34	16.29	18.24	20.20	22.16	24.12	26.08	28.04	30.01	31.97	33.93	31.8
67.1-69.0	80.1- 82.6	1.64	3.15	4.86	6.67	8.54	10.45	12.38	14.32	16.28	18.24	20.20	22.16	24.13	26.09	28.06	30.02	31.99	33.95	31.9
69.1-71.0	82.8- 85.3	1.63	3.14	4.84	6.64	8.52	10.43	12.36	14.31	16.27	18.23	20.19	22.16	24.13	26.10	28.07	30.04	32.01	33.97	32.1
71.1-73.0	85.4- 88.0	1.61	3.12	4.81	6.62	8.49	10.41	12.34	14.29	16.25	18.22	20.19	22.16	24.13	26.10	28.08	30.05	32.02	33.99	32.3
73.1-75.0	88.1- 90.7	1.60	3.10	4.79	6.60	8.47	10.38	12.32	14.27	16.24	18.20	20.18	22.15	24.13	26.10	28.08	30.06	32.03	34.01	32.4
75.1-77.0	90.9- 93.5	1.59	3.09	4.77	6.57	8.45	10.36	12.30	14.25	16.22	18.19	20.17	22.14	24.12	26.10	28.08	30.06	32.04	34.02	32.5
77.1-79.0	93.6- 96.2	1.58	3.07	4.75	6.55	8.42	10.33	12.27	14.23	16.20	18.17	20.15	22.13	24.11	26.10	28.08	30.06	32.04	34.02	32.6
79.1-81.0	96.3- 99.0	1.57	3.05	4.73	6.53	8.39	10.31	12.25	14.21	16.18	18.16	20.14	22.12	24.10	26.09	28.07	30.06	32.04	34.03	32.7

Table 38. Merchantable length (m) from 0.30 m stump height to 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.4- 14.4	0.35	0.54	0.67	0.78	0.87	0.95	1.02	1.10	1.17	1.24	1.32	1.39	1.46	1.54	1.61	1.69	1.76	1.84	11.8
13.1-15.0	14.5- 16.6	0.80	1.46	2.17	2.90	3.66	4.44	5.23	6.03	6.83	7.64	8.46	9.28	10.11	10.93	11.76	12.59	13.42	14.26	13.5
15.1-17.0	16.8- 18.9	1.09	2.03	3.05	4.12	5.22	6.34	7.47	8.61	9.76	10.92	12.08	13.24	14.41	15.57	16.74	17.91	19.08	20.25	15.1
17.1-19.0	19.0- 21.1	1.28	2.39	3.59	4.84	6.12	7.42	8.74	10.06	11.39	12.73	14.07	15.41	16.75	18.10	19.45	20.79	22.14	23.49	16.6
19.1-21.0	21.2- 23.4	1.40	2.62	3.94	5.31	6.71	8.13	9.57	11.01	12.46	13.91	15.37	16.83	18.29	19.75	21.21	22.68	24.14	25.61	18.0
21.1-23.0	23.5- 25.6	1.49	2.79	4.19	5.64	7.13	8.64	10.15	11.68	13.21	14.75	16.29	17.83	19.38	20.92	22.47	24.02	25.57	27.12	19.3
23.1-25.0	25.8- 27.9	1.55	2.91	4.37	5.89	7.44	9.01	10.59	12.18	13.77	15.37	16.98	18.58	20.19	21.80	23.41	25.02	26.64	28.25	20.5
25.1-27.0	28.0- 30.2	1.60	2.99	4.50	6.07	7.67	9.29	10.92	12.56	14.21	15.86	17.51	19.17	20.82	22.48	24.14	25.81	27.47	29.13	21.6
27.1-29.0	30.4- 32.6	1.63	3.06	4.60	6.21	7.84	9.50	11.18	12.86	14.54	16.24	17.93	19.63	21.33	23.03	24.73	26.43	28.13	29.84	22.6
29.1-31.0	32.7- 34.9	1.65	3.10	4.68	6.31	7.98	9.68	11.38	13.10	14.82	16.54	18.27	20.00	21.73	23.46	25.20	26.93	28.67	30.41	23.6
31.1-33.0	35.0- 37.3	1.67	3.14	4.73	6.39	8.09	9.81	11.55	13.29	15.04	16.79	18.54	20.30	22.06	23.82	25.59	27.35	29.11	30.88	24.4
33.1-35.0	37.4- 39.6	1.68	3.16	4.78	6.46	8.18	9.92	11.68	13.44	15.22	16.99	18.77	20.55	22.34	24.12	25.91	27.70	29.48	31.27	25.2
35.1-37.0	39.8- 42.0	1.68	3.18	4.81	6.51	8.25	10.01	11.79	13.57	15.36	17.16	18.96	20.76	22.57	24.37	26.18	27.99	29.80	31.60	26.0
37.1-39.0	42.2- 44.4	1.69	3.19	4.83	6.54	8.30	10.08	11.87	13.68	15.49	17.30	19.12	20.94	22.76	24.59	26.41	28.24	30.06	31.89	26.6
39.1-41.0	44.6- 46.9	1.69	3.19	4.84	6.57	8.34	10.13	11.94	13.76	15.59	17.42	19.25	21.09	22.93	24.77	26.61	28.45	30.29	32.13	27.2
41.1-43.0	47.0- 49.3	1.68	3.20	4.85	6.59	8.37	10.18	12.00	13.83	15.67	17.52	19.37	21.22	23.07	24.92	26.77	28.63	30.48	32.34	27.8
43.1-45.0	49.4- 51.8	1.68	3.19	4.86	6.60	8.39	10.21	12.05	13.89	15.74	17.60	19.46	21.32	23.19	25.05	26.92	28.78	30.65	32.52	28.3
45.1-47.0	51.9- 54.3	1.68	3.19	4.86	6.61	8.41	10.24	12.08	13.94	15.80	17.67	19.54	21.41	23.29	25.17	27.04	28.92	30.80	32.68	28.8
47.1-49.0	54.4- 56.8	1.67	3.18	4.86	6.61	8.42	10.26	12.11	13.98	15.85	17.73	19.61	21.49	23.38	25.26	27.15	29.04	30.92	32.81	29.2
49.1-51.0	56.9- 59.3	1.66	3.17	4.85	6.61	8.43	10.27	12.13	14.01	15.89	17.77	19.66	21.56	23.45	25.35	27.24	29.14	31.03	32.93	29.6
51.1-53.0	59.4- 61.8	1.65	3.17	4.84	6.61	8.43	10.28	12.15	14.03	15.92	17.81	19.71	21.61	23.51	25.42	27.32	29.23	31.13	33.04	30.0
53.1-55.0	61.9- 64.3	1.65	3.15	4.83	6.60	8.43	10.28	12.16	14.05	15.94	17.85	19.75	21.66	23.57	25.48	27.39	29.30	31.21	33.13	30.3
55.1-57.0	64.5- 66.9	1.64	3.14	4.82	6.59	8.42	10.28	12.16	14.06	15.96	17.87	19.78	21.70	23.61	25.53	27.45	29.37	31.29	33.21	30.6
57.1-59.0	67.0- 69.5	1.63	3.13	4.80	6.58	8.41	10.28	12.16	14.06	15.97	17.89	19.81	21.73	23.65	25.58	27.50	29.43	31.35	33.28	30.9
59.1-61.0	69.6- 72.1	1.62	3.12	4.79	6.57	8.40	10.27	12.16	14.07	15.98	17.90	19.83	21.76	23.68	25.61	27.54	29.48	31.41	33.34	31.1
61.1-63.0	72.2- 74.7	1.61	3.10	4.77	6.55	8.39	10.26	12.16	14.07	15.99	17.91	19.84	21.78	23.71	25.65	27.58	29.52	31.45	33.39	31.4
63.1-65.0	74.8- 77.3	1.60	3.09	4.76	6.53	8.37	10.25	12.15	14.06	15.99	17.92	19.85	21.79	23.73	25.67	27.61	29.55	31.49	33.44	31.6
65.1-67.0	77.5- 80.0	1.59	3.07	4.74	6.52	8.35	10.23	12.14	14.06	15.98	17.92	19.86	21.80	23.75	25.69	27.64	29.58	31.53	33.48	31.8
67.1-69.0	80.1- 82.6	1.58	3.06	4.72	6.50	8.34	10.22	12.12	14.05	15.98	17.92	19.86	21.81	23.76	25.71	27.66	29.61	31.56	33.51	31.9
69.1-71.0	82.8- 85.3	1.57	3.04	4.70	6.48	8.32	10.20	12.11	14.03	15.97	17.91	19.86	21.81	23.77	25.72	27.67	29.63	31.58	33.54	32.1
71.1-73.0	85.4- 88.0	1.56	3.03	4.68	6.46	8.30	10.18	12.09	14.02	15.96	17.91	19.86	21.81	23.77	25.73	27.69	29.65	31.60	33.56	32.3
73.1-75.0	88.1- 90.7	1.56	3.01	4.66	6.43	8.28	10.16	12.07	14.01	15.95	17.90	19.85	21.81	23.77	25.73	27.70	29.66	31.62	33.58	32.4
75.1-77.0	90.9- 93.5	1.55	3.00	4.65	6.41	8.25	10.14	12.05	13.99	15.93	17.89	19.85	21.81	23.77	25.74	27.70	29.67	31.63	33.60	32.5
77.1-79.0	93.6- 96.2	1.54	2.98	4.63	6.39	8.23	10.12	12.03	13.97	15.92	17.87	19.83	21.80	23.77	25.73	27.70	29.67	31.64	33.61	32.6
79.1-81.0	96.3- 99.0	1.53	2.97	4.61	6.37	8.21	10.09	12.01	13.95	15.90	17.86	19.82	21.79	23.76	25.73	27.70	29.68	31.65	33.62	32.7

ALBERTA LAND AND FOREST SERVICES — INDIVIDUAL TREE VOLUME TABLE (1994)

Table 39. Merchantable length (m) from 0.30 m stump height to 13.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
13.1-15.0	14.5- 16.6	0.33	0.50	0.61	0.69	0.75	0.80	0.85	0.90	0.95	1.00	1.05	1.11	1.16	1.22	1.27	1.33	1.38	1.44	13.5
15.1-17.0	16.8- 18.9	0.69	1.23	1.80	2.39	2.99	3.60	4.23	4.86	5.49	6.13	6.78	7.43	8.09	8.74	9.40	10.06	10.72	11.39	15.1
17.1-19.0	19.0- 21.1	0.93	1.74	2.61	3.54	4.50	5.48	6.49	7.50	8.53	9.56	10.60	11.64	12.69	13.74	14.79	15.84	16.90	17.96	16.6
19.1-21.0	21.2- 23.4	1.11	2.07	3.14	4.26	5.42	6.61	7.81	9.03	10.25	11.48	12.72	13.96	15.21	16.45	17.70	18.95	20.20	21.46	18.0
21.1-23.0	23.5- 25.6	1.23	2.31	3.50	4.75	6.04	7.36	8.69	10.04	11.39	12.75	14.12	15.49	16.86	18.23	19.61	20.99	22.37	23.75	19.3
23.1-25.0	25.8- 27.9	1.31	2.48	3.76	5.10	6.49	7.90	9.32	10.76	12.21	13.66	15.12	16.58	18.04	19.51	20.97	22.44	23.91	25.39	20.5
25.1-27.0	28.0- 30.2	1.38	2.60	3.95	5.36	6.82	8.30	9.79	11.30	12.82	14.34	15.87	17.40	18.93	20.47	22.01	23.55	25.09	26.63	21.6
27.1-29.0	30.4- 32.6	1.43	2.70	4.10	5.56	7.07	8.61	10.16	11.72	13.29	14.87	16.45	18.04	19.63	21.22	22.81	24.41	26.00	27.60	22.6
29.1-31.0	32.7- 34.9	1.46	2.77	4.21	5.72	7.27	8.85	10.45	12.05	13.67	15.29	16.92	18.55	20.19	21.82	23.46	25.10	26.74	28.38	23.6
31.1-33.0	35.0- 37.3	1.49	2.82	4.29	5.84	7.43	9.04	10.68	12.32	13.98	15.64	17.30	18.97	20.64	22.31	23.99	25.67	27.34	29.02	24.4
33.1-35.0	37.4- 39.6	1.51	2.87	4.36	5.93	7.55	9.20	10.86	12.54	14.22	15.92	17.61	19.31	21.02	22.72	24.43	26.13	27.84	29.55	25.2
35.1-37.0	39.8- 42.0	1.52	2.90	4.41	6.01	7.65	9.32	11.01	12.72	14.43	16.15	17.87	19.60	21.33	23.06	24.79	26.53	28.26	30.00	26.0
37.1-39.0	42.2- 44.4	1.53	2.92	4.45	6.07	7.73	9.43	11.14	12.87	14.60	16.34	18.09	19.84	21.59	23.35	25.10	26.86	28.62	30.38	26.6
39.1-41.0	44.6- 46.9	1.54	2.94	4.48	6.12	7.80	9.51	11.24	12.99	14.75	16.51	18.27	20.04	21.82	23.59	25.37	27.15	28.93	30.71	27.2
41.1-43.0	47.0- 49.3	1.54	2.95	4.51	6.15	7.85	9.58	11.33	13.09	14.87	16.65	18.43	20.22	22.01	23.80	25.60	27.39	29.19	30.99	27.8
43.1-45.0	49.4- 51.8	1.55	2.96	4.52	6.18	7.89	9.64	11.40	13.18	14.97	16.76	18.56	20.37	22.17	23.98	25.79	27.60	29.42	31.23	28.3
45.1-47.0	51.9- 54.3	1.55	2.96	4.53	6.20	7.92	9.68	11.46	13.25	15.05	16.86	18.68	20.49	22.31	24.14	25.96	27.79	29.61	31.44	28.8
47.1-49.0	54.4- 56.8	1.54	2.96	4.54	6.22	7.95	9.72	11.50	13.31	15.12	16.95	18.77	20.60	22.44	24.27	26.11	27.95	29.79	31.63	29.2
49.1-51.0	56.9- 59.3	1.54	2.96	4.54	6.23	7.97	9.74	11.54	13.36	15.18	17.02	18.85	20.70	22.54	24.39	26.24	28.09	29.94	31.79	29.6
51.1-53.0	59.4- 61.8	1.54	2.96	4.54	6.23	7.98	9.76	11.57	13.40	15.23	17.08	18.93	20.78	22.63	24.49	26.35	28.21	30.07	31.93	30.0
53.1-55.0	61.9- 64.3	1.53	2.95	4.54	6.23	7.99	9.78	11.60	13.43	15.27	17.13	18.99	20.85	22.71	24.58	26.45	28.32	30.19	32.06	30.3
55.1-57.0	64.5- 66.9	1.53	2.94	4.53	6.23	7.99	9.79	11.61	13.46	15.31	17.17	19.04	20.91	22.78	24.65	26.53	28.41	30.29	32.17	30.6
57.1-59.0	67.0- 69.5	1.52	2.94	4.53	6.23	7.99	9.80	11.63	13.48	15.34	17.20	19.08	20.96	22.84	24.72	26.61	28.49	30.38	32.27	30.9
59.1-61.0	69.6- 72.1	1.52	2.93	4.52	6.22	7.99	9.80	11.63	13.49	15.36	17.23	19.11	21.00	22.89	24.78	26.67	28.56	30.46	32.35	31.1
61.1-63.0	72.2- 74.7	1.51	2.92	4.51	6.21	7.98	9.80	11.64	13.50	15.37	17.25	19.14	21.03	22.93	24.83	26.73	28.63	30.53	32.43	31.4
63.1-65.0	74.8- 77.3	1.50	2.91	4.50	6.20	7.97	9.79	11.64	13.51	15.38	17.27	19.17	21.06	22.97	24.87	26.77	28.68	30.59	32.50	31.6
65.1-67.0	77.5- 80.0	1.50	2.90	4.48	6.19	7.96	9.79	11.64	13.51	15.39	17.28	19.18	21.09	23.00	24.90	26.82	28.73	30.64	32.56	31.8
67.1-69.0	80.1- 82.6	1.49	2.89	4.47	6.17	7.95	9.78	11.63	13.51	15.39	17.29	19.20	21.11	23.02	24.93	26.85	28.77	30.69	32.61	31.9
69.1-71.0	82.8- 85.3	1.48	2.87	4.46	6.16	7.94	9.77	11.62	13.50	15.39	17.30	19.21	21.12	23.04	24.96	26.88	28.80	30.73	32.65	32.1
71.1-73.0	85.4- 88.0	1.47	2.86	4.44	6.14	7.92	9.75	11.61	13.49	15.39	17.30	19.21	21.13	23.05	24.98	26.91	28.83	30.76	32.69	32.3
73.1-75.0	88.1- 90.7	1.47	2.85	4.43	6.13	7.91	9.74	11.60	13.49	15.39	17.30	19.22	21.14	23.07	24.99	26.93	28.86	30.79	32.72	32.4
75.1-77.0	90.9- 93.5	1.46	2.84	4.41	6.11	7.89	9.72	11.59	13.47	15.38	17.29	19.21	21.14	23.07	25.01	26.94	28.88	30.82	32.75	32.5
77.1-79.0	93.6- 96.2	1.45	2.82	4.39	6.09	7.87	9.70	11.57	13.46	15.37	17.29	19.21	21.14	23.08	25.01	26.95	28.89	30.84	32.78	32.6
79.1-81.0	96.3- 99.0	1.44	2.81	4.38	6.07	7.85	9.68	11.55	13.45	15.36	17.28	19.21	21.14	23.08	25.02	26.96	28.91	30.85	32.80	32.7

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 40. Merchantable length (m) from 0.30 m stump height to 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.8- 18.9	0.33	0.49	0.59	0.65	0.69	0.73	0.76	0.80	0.83	0.87	0.91	0.95	0.99	1.04	1.08	1.12	1.17	1.22	15.1
17.1-19.0	19.0- 21.1	0.61	1.08	1.55	2.02	2.49	2.97	3.45	3.93	4.41	4.89	5.38	5.86	6.35	6.83	7.32	7.81	8.30	8.79	16.6
19.1-21.0	21.2- 23.4	0.82	1.52	2.27	3.06	3.90	4.75	5.63	6.51	7.42	8.33	9.24	10.17	11.10	12.03	12.96	13.90	14.85	15.79	18.0
21.1-23.0	23.5- 25.6	0.98	1.83	2.77	3.77	4.81	5.88	6.98	8.09	9.21	10.34	11.48	12.62	13.77	14.92	16.07	17.23	18.39	19.55	19.3
23.1-25.0	25.8- 27.9	1.09	2.05	3.12	4.26	5.44	6.66	7.89	9.15	10.41	11.68	12.95	14.24	15.52	16.81	18.11	19.40	20.70	21.99	20.5
25.1-27.0	28.0- 30.2	1.17	2.22	3.39	4.62	5.91	7.22	8.56	9.91	11.27	12.64	14.02	15.40	16.79	18.18	19.57	20.96	22.36	23.75	21.6
27.1-29.0	30.4- 32.6	1.24	2.35	3.58	4.90	6.26	7.65	9.06	10.49	11.93	13.37	14.83	16.28	17.75	19.21	20.68	22.15	23.62	25.09	22.6
29.1-31.0	32.7- 34.9	1.29	2.45	3.74	5.11	6.53	7.98	9.45	10.94	12.44	13.94	15.46	16.98	18.50	20.02	21.55	23.08	24.61	26.14	23.6
31.1-33.0	35.0- 37.3	1.33	2.52	3.86	5.27	6.74	8.24	9.76	11.30	12.85	14.40	15.97	17.53	19.10	20.68	22.25	23.83	25.41	26.99	24.4
33.1-35.0	37.4- 39.6	1.35	2.58	3.95	5.41	6.91	8.45	10.01	11.59	13.18	14.78	16.38	17.99	19.60	21.21	22.83	24.45	26.07	27.69	25.2
35.1-37.0	39.8- 42.0	1.38	2.63	4.03	5.51	7.05	8.62	10.22	11.83	13.45	15.09	16.72	18.37	20.01	21.66	23.31	24.97	26.62	28.28	26.0
37.1-39.0	42.2- 44.4	1.39	2.67	4.09	5.60	7.16	8.77	10.39	12.03	13.68	15.34	17.01	18.68	20.36	22.04	23.72	25.40	27.09	28.77	26.6
39.1-41.0	44.6- 46.9	1.41	2.70	4.14	5.67	7.26	8.88	10.53	12.20	13.87	15.56	17.25	18.95	20.65	22.36	24.06	25.77	27.48	29.19	27.2
41.1-43.0	47.0- 49.3	1.42	2.72	4.17	5.72	7.33	8.98	10.65	12.34	14.04	15.75	17.46	19.18	20.90	22.63	24.36	26.09	27.82	29.56	27.8
43.1-45.0	49.4- 51.8	1.42	2.73	4.20	5.77	7.39	9.06	10.75	12.45	14.17	15.90	17.64	19.38	21.12	22.87	24.62	26.37	28.12	29.87	28.3
45.1-47.0	51.9- 54.3	1.43	2.75	4.23	5.80	7.44	9.12	10.83	12.55	14.29	16.04	17.79	19.55	21.31	23.07	24.84	26.61	28.38	30.15	28.8
47.1-49.0	54.4- 56.8	1.43	2.75	4.24	5.83	7.49	9.18	10.90	12.64	14.39	16.15	17.92	19.69	21.47	23.25	25.03	26.81	28.60	30.39	29.2
49.1-51.0	56.9- 59.3	1.43	2.76	4.25	5.85	7.52	9.22	10.96	12.71	14.47	16.25	18.03	19.82	21.61	23.40	25.20	27.00	28.80	30.60	29.6
51.1-53.0	59.4- 61.8	1.43	2.76	4.26	5.87	7.54	9.26	11.00	12.77	14.55	16.33	18.13	19.93	21.73	23.54	25.35	27.16	28.97	30.79	30.0
53.1-55.0	61.9- 64.3	1.43	2.76	4.27	5.88	7.56	9.29	11.04	12.82	14.61	16.40	18.21	20.02	21.84	23.66	25.48	27.30	29.12	30.95	30.3
55.1-57.0	64.5- 66.9	1.43	2.76	4.27	5.89	7.58	9.31	11.08	12.86	14.66	16.47	18.28	20.10	21.93	23.76	25.59	27.42	29.26	31.10	30.6
57.1-59.0	67.0- 69.5	1.43	2.76	4.27	5.89	7.59	9.33	11.10	12.89	14.70	16.52	18.34	20.18	22.01	23.85	25.69	27.53	29.38	31.23	30.9
59.1-61.0	69.6- 72.1	1.42	2.75	4.27	5.89	7.59	9.34	11.12	12.92	14.74	16.56	18.40	20.24	22.08	23.93	25.78	27.63	29.49	31.34	31.1
61.1-63.0	72.2- 74.7	1.42	2.75	4.26	5.89	7.60	9.35	11.13	12.94	14.76	16.60	18.44	20.29	22.14	24.00	25.86	27.72	29.58	31.44	31.4
63.1-65.0	74.8- 77.3	1.42	2.74	4.26	5.89	7.60	9.35	11.14	12.96	14.79	16.63	18.48	20.33	22.19	24.06	25.92	27.79	29.66	31.53	31.6
65.1-67.0	77.5- 80.0	1.41	2.74	4.25	5.88	7.59	9.35	11.15	12.97	14.81	16.65	18.51	20.37	22.24	24.11	25.98	27.86	29.74	31.61	31.8
67.1-69.0	80.1- 82.6	1.41	2.73	4.24	5.87	7.59	9.35	11.15	12.98	14.82	16.67	18.54	20.40	22.28	24.16	26.04	27.92	29.80	31.69	31.9
69.1-71.0	82.8- 85.3	1.40	2.72	4.23	5.86	7.58	9.35	11.15	12.98	14.83	16.69	18.56	20.43	22.31	24.19	26.08	27.97	29.86	31.75	32.1
71.1-73.0	85.4- 88.0	1.39	2.71	4.22	5.85	7.57	9.34	11.15	12.98	14.84	16.70	18.57	20.45	22.34	24.23	26.12	28.01	29.91	31.81	32.3
73.1-75.0	88.1- 90.7	1.39	2.70	4.21	5.84	7.56	9.33	11.14	12.98	14.84	16.71	18.59	20.47	22.36	24.25	26.15	28.05	29.95	31.85	32.4
75.1-77.0	90.9- 93.5	1.38	2.69	4.19	5.83	7.55	9.32	11.14	12.98	14.84	16.71	18.59	20.48	22.38	24.28	26.18	28.08	29.99	31.90	32.5
77.1-79.0	93.6- 96.2	1.38	2.68	4.18	5.81	7.53	9.31	11.13	12.97	14.83	16.71	18.60	20.49	22.39	24.30	26.20	28.11	30.02	31.94	32.6
79.1-81.0	96.3- 99.0	1.37	2.67	4.17	5.80	7.52	9.30	11.12	12.96	14.83	16.71	18.60	20.50	22.40	24.31	26.22	28.14	30.05	31.97	32.7

10.0 MERCHANTABLE LENGTH TABLES FOR NATURAL REGIONS 7, 8, 10

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 41. Merchantable length (m) from 0.30 m stump height to 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	5.1- 7.2	0.75	1.33	1.91	2.50	3.09	3.68	4.27	4.87	5.47	6.06	6.66	7.26	7.86	8.46	9.05	9.65	10.25	10.85	6.5
7.1- 9.0	7.3- 9.5	1.77	3.03	4.30	5.59	6.87	8.16	9.45	10.75	12.04	13.33	14.63	15.92	17.21	18.51	19.80	21.10	22.39	23.69	8.2
9.1-11.0	9.6- 11.8	2.16	3.65	5.16	6.68	8.20	9.72	11.25	12.77	14.30	15.83	17.35	18.88	20.41	21.94	23.46	24.99	26.52	28.05	9.9
11.1-13.0	11.9- 14.0	2.35	3.97	5.61	7.25	8.90	10.55	12.21	13.86	15.51	17.17	18.82	20.47	22.13	23.78	25.44	27.09	28.75	30.40	11.4
13.1-15.0	14.2- 16.3	2.47	4.16	5.88	7.61	9.34	11.07	12.80	14.53	16.27	18.00	19.73	21.47	23.20	24.94	26.67	28.41	30.14	31.88	12.9
15.1-17.0	16.4- 18.6	2.53	4.29	6.06	7.84	9.63	11.41	13.20	14.99	16.78	18.56	20.35	22.14	23.93	25.72	27.51	29.30	31.09	32.87	14.2
17.1-19.0	18.7- 20.9	2.58	4.37	6.18	8.00	9.83	11.65	13.48	15.31	17.14	18.96	20.79	22.62	24.45	26.27	28.10	29.93	31.76	33.59	15.5
19.1-21.0	21.0- 23.2	2.60	4.42	6.27	8.12	9.97	11.83	13.69	15.54	17.40	19.26	21.12	22.97	24.83	26.69	28.54	30.40	32.26	34.11	16.7
21.1-23.0	23.3- 25.5	2.61	4.46	6.33	8.20	10.08	11.96	13.84	15.72	17.60	19.48	21.36	23.24	25.12	27.00	28.88	30.76	32.64	34.52	17.7
23.1-25.0	25.6- 27.8	2.62	4.48	6.37	8.26	10.16	12.06	13.96	15.86	17.76	19.66	21.55	23.45	25.35	27.25	29.14	31.04	32.94	34.83	18.7
25.1-27.0	28.0- 30.2	2.62	4.49	6.39	8.31	10.22	12.14	14.05	15.97	17.88	19.79	21.71	23.62	25.53	27.44	29.35	31.26	33.17	35.08	19.6
27.1-29.0	30.3- 32.5	2.61	4.50	6.41	8.34	10.27	12.20	14.12	16.05	17.98	19.90	21.83	23.75	25.67	27.60	29.52	31.44	33.37	35.29	20.5
29.1-31.0	32.6- 34.8	2.60	4.50	6.42	8.36	10.30	12.24	14.18	16.12	18.05	19.99	21.92	23.86	25.79	27.73	29.66	31.59	33.52	35.46	21.3
31.1-33.0	34.9- 37.1	2.59	4.49	6.43	8.38	10.33	12.27	14.22	16.17	18.12	20.06	22.00	23.95	25.89	27.83	29.77	31.71	33.65	35.59	22.0
33.1-35.0	37.2- 39.5	2.58	4.48	6.43	8.38	10.34	12.30	14.26	16.21	18.17	20.12	22.07	24.02	25.97	27.92	29.87	31.81	33.76	35.71	22.6
35.1-37.0	39.6- 41.8	2.56	4.47	6.42	8.39	10.35	12.32	14.28	16.24	18.21	20.16	22.12	24.08	26.04	27.99	29.95	31.90	33.85	35.81	23.2
37.1-39.0	41.9- 44.2	2.55	4.46	6.42	8.39	10.36	12.33	14.30	16.27	18.24	20.20	22.17	24.13	26.09	28.05	30.01	31.97	33.93	35.89	23.8
39.1-41.0	44.3- 46.5	2.53	4.44	6.41	8.38	10.36	12.34	14.32	16.29	18.26	20.23	22.20	24.17	26.14	28.10	30.07	32.03	34.00	35.96	24.3
41.1-43.0	46.6- 48.9	2.51	4.43	6.39	8.38	10.36	12.34	14.33	16.31	18.28	20.26	22.23	24.21	26.18	28.15	30.12	32.08	34.05	36.02	24.7
43.1-45.0	49.0- 51.2	2.49	4.41	6.38	8.37	10.36	12.35	14.33	16.32	18.30	20.28	22.26	24.23	26.21	28.18	30.16	32.13	34.10	36.07	25.2
45.1-47.0	51.3- 53.6	2.48	4.39	6.37	8.36	10.35	12.34	14.33	16.32	18.31	20.29	22.28	24.26	26.24	28.21	30.19	32.17	34.14	36.11	25.6
47.1-49.0	53.7- 55.9	2.46	4.37	6.35	8.34	10.34	12.34	14.33	16.33	18.32	20.30	22.29	24.28	26.26	28.24	30.22	32.20	34.18	36.15	25.9
49.1-51.0	56.1- 58.3	2.44	4.35	6.33	8.33	10.33	12.33	14.33	16.33	18.32	20.31	22.30	24.29	26.28	28.26	30.24	32.22	34.21	36.19	26.2
51.1-53.0	58.4- 60.7	2.42	4.33	6.31	8.31	10.32	12.32	14.33	16.33	18.32	20.32	22.31	24.30	26.29	28.28	30.26	32.25	34.23	36.21	26.5
53.1-55.0	60.8- 63.1	2.40	4.31	6.29	8.29	10.30	12.31	14.32	16.32	18.32	20.32	22.32	24.31	26.30	28.29	30.28	32.27	34.25	36.24	26.8
55.1-57.0	63.2- 65.5	2.38	4.29	6.27	8.27	10.29	12.30	14.31	16.32	18.32	20.32	22.32	24.32	26.31	28.30	30.29	32.28	34.27	36.26	27.1
57.1-59.0	65.6- 67.9	2.36	4.27	6.25	8.26	10.27	12.29	14.30	16.31	18.32	20.32	22.32	24.32	26.32	28.31	30.30	32.29	34.28	36.27	27.3
59.1-61.0	68.0- 70.2	2.34	4.24	6.23	8.23	10.25	12.27	14.29	16.30	18.31	20.32	22.32	24.32	26.32	28.32	30.31	32.30	34.30	36.29	27.5
61.1-63.0	70.4- 72.6	2.33	4.22	6.20	8.21	10.23	12.25	14.27	16.29	18.30	20.31	22.32	24.32	26.32	28.32	30.32	32.31	34.31	36.30	27.7
63.1-65.0	72.8- 75.1	2.31	4.20	6.18	8.19	10.21	12.24	14.26	16.28	18.29	20.30	22.31	24.32	26.32	28.32	30.32	32.32	34.31	36.31	27.9
65.1-67.0	75.2- 77.5	2.29	4.18	6.16	8.17	10.19	12.22	14.24	16.26	18.28	20.29	22.31	24.31	26.32	28.32	30.32	32.32	34.32	36.32	28.0
67.1-69.0	77.6- 79.9	2.27	4.15	6.13	8.15	10.17	12.20	14.23	16.25	18.27	20.29	22.30	24.31	26.32	28.32	30.32	32.32	34.32	36.32	28.2
69.1-71.0	80.0- 82.3	2.25	4.13	6.11	8.12	10.15	12.18	14.21	16.23	18.26	20.27	22.29	24.30	26.31	28.32	30.32	32.32	34.33	36.33	28.3
71.1-73.0	82.4- 84.7	2.24	4.11	6.08	8.10	10.13	12.16	14.19	16.22	18.24	20.26	22.28	24.29	26.30	28.31	30.32	32.32	34.33	36.33	28.4
73.1-75.0	84.8- 87.1	2.22	4.09	6.06	8.08	10.11	12.14	14.17	16.20	18.23	20.25	22.27	24.28	26.30	28.31	30.32	32.32	34.33	36.33	28.5
75.1-77.0	87.3- 89.6	2.20	4.06	6.04	8.05	10.08	12.12	14.15	16.18	18.21	20.24	22.26	24.27	26.29	28.30	30.31	32.32	34.32	36.33	28.6
77.1-79.0	89.7- 92.0	2.19	4.04	6.01	8.03	10.06	12.09	14.13	16.17	18.20	20.22	22.24	24.26	26.28	28.29	30.30	32.31	34.32	36.33	28.7
79.1-81.0	92.1- 94.5	2.17	4.02	5.99	8.00	10.03	12.07	14.11	16.15	18.18	20.21	22.23	24.25	26.27	28.28	30.30	32.31	34.32	36.32	28.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 42. Merchantable length (m) from 0.30 m stump height to 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	7.3- 9.5	0.49	0.85	1.19	1.52	1.85	2.18	2.50	2.82	3.14	3.46	3.78	4.09	4.41	4.72	5.04	5.35	5.67	5.98	8.2
9.1-11.0	9.6- 11.8	1.35	2.39	3.46	4.55	5.65	6.75	7.85	8.96	10.06	11.17	12.28	13.39	14.50	15.62	16.73	17.84	18.95	20.06	9.9
11.1-13.0	11.9- 14.0	1.75	3.06	4.39	5.75	7.11	8.48	9.84	11.22	12.59	13.96	15.33	16.71	18.08	19.46	20.83	22.21	23.59	24.96	11.4
13.1-15.0	14.2- 16.3	1.97	3.42	4.91	6.41	7.92	9.44	10.95	12.47	13.99	15.51	17.04	18.56	20.08	21.61	23.13	24.65	26.18	27.70	12.9
15.1-17.0	16.4- 18.6	2.10	3.65	5.24	6.84	8.44	10.05	11.67	13.28	14.90	16.52	18.14	19.76	21.38	23.00	24.62	26.24	27.86	29.48	14.2
17.1-19.0	18.7- 20.9	2.19	3.81	5.46	7.12	8.80	10.48	12.16	13.85	15.53	17.22	18.90	20.59	22.28	23.97	25.66	27.34	29.03	30.72	15.5
19.1-21.0	21.0- 23.2	2.25	3.91	5.61	7.33	9.06	10.79	12.52	14.26	15.99	17.73	19.47	21.20	22.94	24.68	26.42	28.16	29.90	31.64	16.7
21.1-23.0	23.3- 25.5	2.29	3.98	5.73	7.48	9.25	11.02	12.79	14.57	16.34	18.12	19.89	21.67	23.45	25.22	27.00	28.78	30.56	32.33	17.7
23.1-25.0	25.6- 27.8	2.31	4.04	5.81	7.60	9.39	11.20	13.00	14.80	16.61	18.42	20.22	22.03	23.84	25.65	27.45	29.26	31.07	32.88	18.7
25.1-27.0	28.0- 30.2	2.32	4.07	5.87	7.68	9.51	11.33	13.16	14.99	16.82	18.65	20.49	22.32	24.15	25.98	27.82	29.65	31.48	33.31	19.6
27.1-29.0	30.3- 32.5	2.33	4.10	5.91	7.75	9.59	11.44	13.29	15.14	16.99	18.85	20.70	22.55	24.40	26.26	28.11	29.96	31.81	33.67	20.5
29.1-31.0	32.6- 34.8	2.33	4.11	5.95	7.80	9.66	11.53	13.39	15.26	17.13	19.00	20.87	22.74	24.61	26.48	28.35	30.22	32.09	33.96	21.3
31.1-33.0	34.9- 37.1	2.33	4.12	5.97	7.84	9.71	11.59	13.48	15.36	17.24	19.13	21.01	22.90	24.78	26.66	28.55	30.43	32.31	34.20	22.0
33.1-35.0	37.2- 39.5	2.33	4.13	5.98	7.86	9.75	11.65	13.54	15.44	17.34	19.23	21.13	23.03	24.92	26.82	28.71	30.61	32.51	34.40	22.6
35.1-37.0	39.6- 41.8	2.32	4.12	5.99	7.88	9.78	11.69	13.60	15.50	17.41	19.32	21.23	23.14	25.04	26.95	28.86	30.76	32.67	34.57	23.2
37.1-39.0	41.9- 44.2	2.31	4.12	6.00	7.90	9.81	11.72	13.64	15.56	17.48	19.39	21.31	23.23	25.14	27.06	28.98	30.89	32.81	34.72	23.8
39.1-41.0	44.3- 46.5	2.30	4.11	6.00	7.90	9.82	11.75	13.67	15.60	17.53	19.45	21.38	23.30	25.23	27.15	29.08	31.00	32.92	34.85	24.3
41.1-43.0	46.6- 48.9	2.29	4.10	5.99	7.91	9.83	11.77	13.70	15.64	17.57	19.50	21.44	23.37	25.30	27.23	29.16	31.10	33.03	34.95	24.7
43.1-45.0	49.0- 51.2	2.27	4.09	5.98	7.91	9.84	11.78	13.72	15.66	17.60	19.55	21.49	23.43	25.36	27.30	29.24	31.18	33.11	35.05	25.2
45.1-47.0	51.3- 53.6	2.26	4.08	5.98	7.90	9.84	11.79	13.74	15.69	17.63	19.58	21.53	23.47	25.42	27.36	29.30	31.25	33.19	35.13	25.6
47.1-49.0	53.7- 55.9	2.25	4.06	5.96	7.90	9.84	11.79	13.75	15.70	17.66	19.61	21.56	23.51	25.46	27.41	29.36	31.31	33.25	35.20	25.9
49.1-51.0	56.1- 58.3	2.23	4.05	5.95	7.89	9.84	11.80	13.75	15.71	17.67	19.63	21.59	23.54	25.50	27.45	29.41	31.36	33.31	35.26	26.2
51.1-53.0	58.4- 60.7	2.22	4.03	5.94	7.88	9.83	11.79	13.76	15.72	17.69	19.65	21.61	23.57	25.53	27.49	29.45	31.41	33.36	35.32	26.5
53.1-55.0	60.8- 63.1	2.20	4.01	5.92	7.86	9.82	11.79	13.76	15.73	17.70	19.66	21.63	23.59	25.56	27.52	29.48	31.44	33.41	35.36	26.8
55.1-57.0	63.2- 65.5	2.19	4.00	5.90	7.85	9.81	11.78	13.76	15.73	17.70	19.67	21.64	23.61	25.58	27.55	29.51	31.48	33.44	35.41	27.1
57.1-59.0	65.6- 67.9	2.17	3.98	5.88	7.83	9.80	11.77	13.75	15.73	17.71	19.68	21.66	23.63	25.60	27.57	29.54	31.51	33.47	35.44	27.3
59.1-61.0	68.0- 70.2	2.15	3.96	5.87	7.82	9.79	11.76	13.74	15.73	17.71	19.69	21.66	23.64	25.61	27.59	29.56	31.53	33.50	35.47	27.5
61.1-63.0	70.4- 72.6	2.14	3.94	5.85	7.80	9.77	11.75	13.74	15.72	17.70	19.69	21.67	23.65	25.63	27.60	29.58	31.55	33.53	35.50	27.7
63.1-65.0	72.8- 75.1	2.12	3.92	5.83	7.78	9.75	11.74	13.73	15.71	17.70	19.69	21.67	23.65	25.63	27.61	29.59	31.57	33.55	35.52	27.9
65.1-67.0	75.2- 77.5	2.11	3.90	5.80	7.76	9.74	11.72	13.71	15.70	17.69	19.68	21.67	23.66	25.64	27.62	29.60	31.58	33.56	35.54	28.0
67.1-69.0	77.6- 79.9	2.09	3.88	5.78	7.74	9.72	11.71	13.70	15.69	17.69	19.68	21.67	23.66	25.64	27.63	29.61	31.60	33.58	35.56	28.2
69.1-71.0	80.0- 82.3	2.08	3.86	5.76	7.72	9.70	11.69	13.68	15.68	17.68	19.67	21.66	23.66	25.65	27.63	29.62	31.60	33.59	35.57	28.3
71.1-73.0	82.4- 84.7	2.06	3.84	5.74	7.70	9.68	11.67	13.67	15.67	17.67	19.66	21.66	23.65	25.64	27.63	29.62	31.61	33.60	35.58	28.4
73.1-75.0	84.8- 87.1	2.05	3.82	5.72	7.67	9.66	11.65	13.65	15.65	17.65	19.65	21.65	23.65	25.64	27.63	29.63	31.62	33.60	35.59	28.5
75.1-77.0	87.3- 89.6	2.03	3.80	5.69	7.65	9.63	11.63	13.63	15.64	17.64	19.64	21.64	23.64	25.64	27.63	29.63	31.62	33.61	35.60	28.6
77.1-79.0	89.7- 92.0	2.02	3.78	5.67	7.63	9.61	11.61	13.61	15.62	17.63	19.63	21.63	23.63	25.63	27.63	29.62	31.62	33.61	35.60	28.7
79.1-81.0	92.1- 94.5	2.00	3.76	5.65	7.60	9.59	11.59	13.59	15.60	17.61	19.62	21.62	23.62	25.63	27.62	29.62	31.62	33.61	35.60	28.8

Table 43. Merchantable length (m) from 0.30 m stump height to 10.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	11.9- 14.0	0.69	1.23	1.78	2.34	2.90	3.47	4.04	4.62	5.19	5.77	6.35	6.93	7.51	8.10	8.68	9.26	9.84	10.43	11.4
13.1-15.0	14.2- 16.3	1.16	2.10	3.08	4.10	5.13	6.16	7.21	8.25	9.31	10.36	11.42	12.47	13.53	14.59	15.65	16.71	17.77	18.83	12.9
15.1-17.0	16.4- 18.6	1.44	2.59	3.80	5.03	6.29	7.54	8.81	10.08	11.35	12.63	13.90	15.18	16.46	17.74	19.02	20.30	21.58	22.86	14.2
17.1-19.0	18.7- 20.9	1.62	2.90	4.25	5.62	7.01	8.41	9.81	11.22	12.63	14.04	15.46	16.87	18.29	19.70	21.12	22.54	23.95	25.37	15.5
19.1-21.0	21.0- 23.2	1.74	3.12	4.56	6.03	7.51	9.01	10.51	12.01	13.52	15.02	16.53	18.04	19.56	21.07	22.58	24.09	25.61	27.12	16.7
21.1-23.0	23.3- 25.5	1.82	3.27	4.78	6.32	7.88	9.44	11.01	12.59	14.17	15.75	17.33	18.91	20.49	22.08	23.66	25.24	26.83	28.41	17.7
23.1-25.0	25.6- 27.8	1.88	3.38	4.95	6.54	8.15	9.77	11.40	13.03	14.66	16.30	17.93	19.57	21.21	22.85	24.49	26.13	27.77	29.41	18.7
25.1-27.0	28.0- 30.2	1.92	3.46	5.07	6.71	8.36	10.03	11.70	13.37	15.05	16.73	18.41	20.09	21.77	23.46	25.14	26.82	28.51	30.19	19.6
27.1-29.0	30.3- 32.5	1.96	3.52	5.17	6.84	8.53	10.23	11.94	13.65	15.36	17.08	18.79	20.51	22.23	23.95	25.67	27.39	29.11	30.83	20.5
29.1-31.0	32.6- 34.8	1.98	3.57	5.24	6.94	8.66	10.39	12.13	13.87	15.61	17.36	19.10	20.85	22.60	24.35	26.10	27.85	29.60	31.35	21.3
31.1-33.0	34.9- 37.1	1.99	3.60	5.30	7.02	8.77	10.52	12.29	14.05	15.82	17.59	19.36	21.13	22.91	24.68	26.46	28.23	30.00	31.78	22.0
33.1-35.0	37.2- 39.5	2.00	3.63	5.34	7.09	8.85	10.63	12.41	14.20	15.99	17.78	19.58	21.37	23.17	24.96	26.76	28.55	30.35	32.14	22.6
35.1-37.0	39.6- 41.8	2.01	3.65	5.37	7.14	8.92	10.72	12.52	14.33	16.14	17.95	19.76	21.57	23.38	25.20	27.01	28.82	30.64	32.45	23.2
37.1-39.0	41.9- 44.2	2.01	3.66	5.40	7.18	8.98	10.79	12.61	14.43	16.26	18.08	19.91	21.74	23.57	25.40	27.23	29.06	30.89	32.72	23.8
39.1-41.0	44.3- 46.5	2.01	3.67	5.42	7.21	9.02	10.85	12.68	14.52	16.36	18.20	20.04	21.88	23.73	25.57	27.41	29.26	31.10	32.95	24.3
41.1-43.0	46.6- 48.9	2.00	3.67	5.43	7.23	9.06	10.90	12.74	14.59	16.44	18.30	20.15	22.01	23.86	25.72	27.57	29.43	31.29	33.14	24.7
43.1-45.0	49.0- 51.2	2.00	3.67	5.44	7.25	9.09	10.94	12.79	14.65	16.52	18.38	20.25	22.11	23.98	25.85	27.71	29.58	31.45	33.32	25.2
45.1-47.0	51.3- 53.6	1.99	3.66	5.44	7.26	9.11	10.97	12.83	14.70	16.58	18.45	20.33	22.20	24.08	25.96	27.84	29.71	31.59	33.47	25.6
47.1-49.0	53.7- 55.9	1.99	3.66	5.44	7.27	9.12	10.99	12.87	14.75	16.63	18.51	20.40	22.28	24.17	26.06	27.94	29.83	31.71	33.60	25.9
49.1-51.0	56.1- 58.3	1.98	3.65	5.44	7.27	9.13	11.01	12.89	14.78	16.67	18.56	20.46	22.35	24.25	26.14	28.03	29.93	31.82	33.72	26.2
51.1-53.0	58.4- 60.7	1.97	3.64	5.43	7.27	9.14	11.02	12.91	14.81	16.71	18.61	20.51	22.41	24.31	26.21	28.12	30.02	31.92	33.82	26.5
53.1-55.0	60.8- 63.1	1.96	3.63	5.42	7.27	9.14	11.03	12.93	14.83	16.74	18.64	20.55	22.46	24.37	26.28	28.19	30.09	32.00	33.91	26.8
55.1-57.0	63.2- 65.5	1.95	3.62	5.41	7.26	9.14	11.04	12.94	14.85	16.76	18.68	20.59	22.50	24.42	26.33	28.25	30.16	32.08	33.99	27.1
57.1-59.0	65.6- 67.9	1.94	3.61	5.40	7.26	9.14	11.04	12.95	14.86	16.78	18.70	20.62	22.54	24.46	26.38	28.30	30.22	32.14	34.06	27.3
59.1-61.0	68.0- 70.2	1.93	3.59	5.39	7.25	9.13	11.04	12.95	14.87	16.80	18.72	20.65	22.57	24.50	26.42	28.35	30.28	32.20	34.13	27.5
61.1-63.0	70.4- 72.6	1.91	3.58	5.38	7.24	9.13	11.04	12.96	14.88	16.81	18.74	20.67	22.60	24.53	26.46	28.39	30.32	32.25	34.18	27.7
63.1-65.0	72.8- 75.1	1.90	3.57	5.36	7.22	9.12	11.03	12.95	14.88	16.82	18.75	20.69	22.62	24.56	26.49	28.43	30.36	32.30	34.23	27.9
65.1-67.0	75.2- 77.5	1.89	3.55	5.35	7.21	9.11	11.02	12.95	14.88	16.82	18.76	20.70	22.64	24.58	26.52	28.46	30.40	32.34	34.27	28.0
67.1-69.0	77.6- 79.9	1.88	3.53	5.33	7.19	9.09	11.01	12.95	14.88	16.82	18.77	20.71	22.65	24.60	26.54	28.48	30.43	32.37	34.31	28.2
69.1-71.0	80.0- 82.3	1.87	3.52	5.31	7.18	9.08	11.00	12.94	14.88	16.82	18.77	20.72	22.66	24.61	26.56	28.51	30.45	32.40	34.35	28.3
71.1-73.0	82.4- 84.7	1.86	3.50	5.29	7.16	9.06	10.99	12.93	14.87	16.82	18.77	20.72	22.67	24.62	26.58	28.53	30.48	32.43	34.37	28.4
73.1-75.0	84.8- 87.1	1.85	3.49	5.28	7.14	9.05	10.98	12.92	14.86	16.82	18.77	20.72	22.68	24.63	26.59	28.54	30.49	32.45	34.40	28.5
75.1-77.0	87.3- 89.6	1.83	3.47	5.26	7.12	9.03	10.96	12.90	14.85	16.81	18.76	20.72	22.68	24.64	26.60	28.55	30.51	32.47	34.42	28.6
77.1-79.0	89.7- 92.0	1.82	3.45	5.24	7.10	9.01	10.94	12.89	14.84	16.80	18.76	20.72	22.68	24.64	26.60	28.56	30.52	32.48	34.44	28.7
79.1-81.0	92.1- 94.5	1.81	3.44	5.22	7.08	8.99	10.93	12.87	14.83	16.79	18.75	20.72	22.68	24.64	26.61	28.57	30.53	32.49	34.45	28.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 44. Merchantable length (m) from 0.30 m stump height to 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m)																	
		3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	11.9- 14.0	0.33	0.53	0.68	0.82	0.95	1.08	1.19	1.31	1.43	1.54	1.66	1.77	1.89	2.00	2.12	2.23	2.35	2.46	11.4
13.1-15.0	14.2- 16.3	0.87	1.57	2.31	3.07	3.84	4.62	5.41	6.21	7.01	7.81	8.61	9.42	10.23	11.04	11.85	12.66	13.47	14.28	12.9
15.1-17.0	16.4- 18.6	1.20	2.19	3.24	4.31	5.40	6.50	7.61	8.73	9.84	10.96	12.09	13.21	14.34	15.46	16.59	17.72	18.85	19.97	14.2
17.1-19.0	18.7- 20.9	1.42	2.58	3.80	5.05	6.32	7.60	8.89	10.18	11.48	12.78	14.08	15.38	16.68	17.98	19.29	20.59	21.90	23.20	15.5
19.1-21.0	21.0- 23.2	1.57	2.84	4.18	5.55	6.94	8.34	9.75	11.16	12.57	13.99	15.40	16.82	18.24	19.67	21.09	22.51	23.94	25.36	16.7
21.1-23.0	23.3- 25.5	1.67	3.03	4.45	5.91	7.38	8.87	10.36	11.86	13.36	14.86	16.36	17.87	19.38	20.88	22.39	23.90	25.41	26.92	17.7
23.1-25.0	25.6- 27.8	1.74	3.16	4.65	6.17	7.71	9.26	10.82	12.38	13.95	15.52	17.09	18.66	20.23	21.80	23.38	24.95	26.53	28.10	18.7
25.1-27.0	28.0- 30.2	1.80	3.26	4.80	6.37	7.96	9.57	11.18	12.79	14.41	16.03	17.65	19.28	20.90	22.53	24.15	25.78	27.41	29.03	19.6
27.1-29.0	30.3- 32.5	1.84	3.34	4.91	6.53	8.16	9.81	11.46	13.12	14.78	16.44	18.10	19.77	21.44	23.10	24.77	26.44	28.11	29.78	20.5
29.1-31.0	32.6- 34.8	1.87	3.39	5.00	6.65	8.32	10.00	11.69	13.38	15.07	16.77	18.47	20.17	21.87	23.57	25.28	26.98	28.69	30.39	21.3
31.1-33.0	34.9- 37.1	1.89	3.44	5.07	6.75	8.45	10.16	11.87	13.59	15.32	17.04	18.77	20.50	22.23	23.97	25.70	27.43	29.16	30.90	22.0
33.1-35.0	37.2- 39.5	1.90	3.47	5.13	6.83	8.55	10.28	12.02	13.77	15.52	17.27	19.03	20.78	22.54	24.29	26.05	27.81	29.57	31.32	22.6
35.1-37.0	39.6- 41.8	1.91	3.50	5.17	6.89	8.63	10.39	12.15	13.92	15.69	17.46	19.24	21.01	22.79	24.57	26.35	28.13	29.91	31.69	23.2
37.1-39.0	41.9- 44.2	1.92	3.51	5.20	6.94	8.70	10.47	12.26	14.04	15.83	17.62	19.42	21.21	23.01	24.80	26.60	28.40	30.20	32.00	23.8
39.1-41.0	44.3- 46.5	1.92	3.52	5.23	6.98	8.76	10.55	12.34	14.15	15.95	17.76	19.57	21.38	23.19	25.01	26.82	28.63	30.45	32.26	24.3
41.1-43.0	46.6- 48.9	1.92	3.53	5.25	7.01	8.80	10.60	12.42	14.23	16.05	17.88	19.70	21.53	23.35	25.18	27.01	28.84	30.67	32.49	24.7
43.1-45.0	49.0- 51.2	1.92	3.54	5.26	7.04	8.84	10.65	12.48	14.31	16.14	17.98	19.81	21.65	23.49	25.33	27.17	29.01	30.86	32.70	25.2
45.1-47.0	51.3- 53.6	1.91	3.54	5.27	7.05	8.87	10.69	12.53	14.37	16.22	18.06	19.91	21.76	23.61	25.46	27.32	29.17	31.02	32.87	25.6
47.1-49.0	53.7- 55.9	1.91	3.53	5.27	7.07	8.89	10.72	12.57	14.42	16.28	18.14	20.00	21.86	23.72	25.58	27.44	29.30	31.17	33.03	25.9
49.1-51.0	56.1- 58.3	1.90	3.53	5.27	7.07	8.90	10.75	12.61	14.47	16.33	18.20	20.07	21.94	23.81	25.68	27.55	29.42	31.30	33.17	26.2
51.1-53.0	58.4- 60.7	1.89	3.52	5.27	7.08	8.92	10.77	12.63	14.50	16.38	18.25	20.13	22.01	23.89	25.77	27.65	29.53	31.41	33.29	26.5
53.1-55.0	60.8- 63.1	1.89	3.52	5.27	7.08	8.92	10.78	12.66	14.53	16.41	18.30	20.18	22.07	23.96	25.85	27.73	29.62	31.51	33.40	26.8
55.1-57.0	63.2- 65.5	1.88	3.51	5.26	7.08	8.93	10.79	12.67	14.56	16.45	18.34	20.23	22.12	24.02	25.91	27.81	29.70	31.60	33.49	27.1
57.1-59.0	65.6- 67.9	1.87	3.50	5.25	7.07	8.93	10.80	12.69	14.58	16.47	18.37	20.27	22.17	24.07	25.97	27.87	29.77	31.68	33.58	27.3
59.1-61.0	68.0- 70.2	1.86	3.48	5.24	7.07	8.93	10.81	12.70	14.59	16.49	18.40	20.30	22.21	24.12	26.02	27.93	29.84	31.74	33.65	27.5
61.1-63.0	70.4- 72.6	1.85	3.47	5.23	7.06	8.92	10.81	12.70	14.60	16.51	18.42	20.33	22.24	24.16	26.07	27.98	29.89	31.81	33.72	27.7
63.1-65.0	72.8- 75.1	1.84	3.46	5.22	7.05	8.92	10.80	12.70	14.61	16.52	18.44	20.35	22.27	24.19	26.11	28.02	29.94	31.86	33.78	27.9
65.1-67.0	75.2- 77.5	1.83	3.45	5.21	7.04	8.91	10.80	12.70	14.62	16.53	18.45	20.37	22.30	24.22	26.14	28.06	29.99	31.91	33.83	28.0
67.1-69.0	77.6- 79.9	1.82	3.43	5.19	7.02	8.90	10.79	12.70	14.62	16.54	18.46	20.39	22.31	24.24	26.17	28.10	30.02	31.95	33.88	28.2
69.1-71.0	80.0- 82.3	1.81	3.42	5.18	7.01	8.88	10.78	12.70	14.62	16.54	18.47	20.40	22.33	24.26	26.19	28.13	30.06	31.99	33.92	28.3
71.1-73.0	82.4- 84.7	1.80	3.40	5.16	6.99	8.87	10.77	12.69	14.61	16.54	18.47	20.41	22.34	24.28	26.21	28.15	30.09	32.02	33.95	28.4
73.1-75.0	84.8- 87.1	1.79	3.39	5.14	6.98	8.86	10.76	12.68	14.61	16.54	18.48	20.41	22.35	24.29	26.23	28.17	30.11	32.05	33.99	28.5
75.1-77.0	87.3- 89.6	1.78	3.37	5.13	6.96	8.84	10.75	12.67	14.60	16.54	18.48	20.42	22.36	24.30	26.24	28.19	30.13	32.07	34.01	28.6
77.1-79.0	89.7- 92.0	1.77	3.36	5.11	6.94	8.82	10.73	12.66	14.59	16.53	18.47	20.42	22.36	24.31	26.26	28.20	30.15	32.09	34.04	28.7
79.1-81.0	92.1- 94.5	1.76	3.34	5.09	6.92	8.81	10.72	12.64	14.58	16.52	18.47	20.42	22.36	24.31	26.26	28.21	30.16	32.11	34.06	28.8

Table 45. Merchantable length (m) from 0.30 m stump height to 13.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
13.1-15.0	14.2- 16.3	0.31	0.47	0.60	0.71	0.80	0.89	0.98	1.06	1.15	1.23	1.32	1.41	1.50	1.58	1.67	1.76	1.85	1.93	12.9
15.1-17.0	16.4- 18.6	0.73	1.32	1.92	2.55	3.18	3.82	4.47	5.13	5.78	6.45	7.11	7.77	8.44	9.11	9.78	10.45	11.12	11.79	14.2
17.1-19.0	18.7- 20.9	1.03	1.88	2.80	3.75	4.71	5.70	6.69	7.69	8.69	9.70	10.71	11.72	12.74	13.76	14.77	15.79	16.81	17.83	15.5
19.1-21.0	21.0- 23.2	1.23	2.26	3.36	4.50	5.66	6.83	8.02	9.21	10.40	11.60	12.80	14.01	15.21	16.42	17.63	18.84	20.04	21.26	16.7
21.1-23.0	23.3- 25.5	1.37	2.52	3.75	5.01	6.30	7.60	8.91	10.23	11.56	12.88	14.21	15.54	16.87	18.21	19.54	20.88	22.21	23.55	17.7
23.1-25.0	25.6- 27.8	1.48	2.71	4.03	5.39	6.77	8.16	9.57	10.98	12.39	13.81	15.24	16.66	18.08	19.51	20.94	22.37	23.80	25.23	18.7
25.1-27.0	28.0- 30.2	1.55	2.85	4.24	5.67	7.12	8.59	10.06	11.55	13.03	14.52	16.02	17.51	19.01	20.51	22.01	23.50	25.01	26.51	19.6
27.1-29.0	30.3- 32.5	1.61	2.96	4.40	5.89	7.39	8.92	10.45	11.99	13.53	15.08	16.63	18.18	19.74	21.29	22.85	24.40	25.96	27.52	20.5
29.1-31.0	32.6- 34.8	1.65	3.05	4.53	6.06	7.61	9.18	10.76	12.35	13.94	15.53	17.13	18.73	20.33	21.93	23.53	25.13	26.74	28.34	21.3
31.1-33.0	34.9- 37.1	1.69	3.11	4.63	6.19	7.79	9.39	11.01	12.64	14.27	15.90	17.53	19.17	20.81	22.45	24.09	25.73	27.37	29.02	22.0
33.1-35.0	37.2- 39.5	1.71	3.16	4.71	6.30	7.93	9.57	11.22	12.88	14.54	16.20	17.87	19.54	21.21	22.88	24.56	26.23	27.91	29.58	22.6
35.1-37.0	39.6- 41.8	1.73	3.20	4.77	6.39	8.05	9.71	11.39	13.08	14.77	16.46	18.15	19.85	21.55	23.25	24.95	26.66	28.36	30.06	23.2
37.1-39.0	41.9- 44.2	1.74	3.23	4.82	6.47	8.14	9.83	11.53	13.24	14.96	16.67	18.39	20.12	21.84	23.57	25.29	27.02	28.74	30.47	23.8
39.1-41.0	44.3- 46.5	1.75	3.25	4.86	6.53	8.22	9.93	11.65	13.38	15.12	16.86	18.60	20.34	22.09	23.83	25.58	27.33	29.08	30.83	24.3
41.1-43.0	46.6- 48.9	1.76	3.27	4.89	6.57	8.29	10.02	11.76	13.50	15.26	17.02	18.78	20.54	22.30	24.07	25.83	27.60	29.36	31.13	24.7
43.1-45.0	49.0- 51.2	1.76	3.28	4.92	6.61	8.34	10.09	11.84	13.61	15.38	17.15	18.93	20.71	22.49	24.27	26.05	27.83	29.61	31.40	25.2
45.1-47.0	51.3- 53.6	1.77	3.29	4.94	6.64	8.38	10.14	11.92	13.69	15.48	17.27	19.06	20.85	22.65	24.44	26.24	28.04	29.83	31.63	25.6
47.1-49.0	53.7- 55.9	1.76	3.30	4.95	6.67	8.42	10.19	11.98	13.77	15.57	17.37	19.17	20.98	22.79	24.60	26.41	28.22	30.03	31.84	25.9
49.1-51.0	56.1- 58.3	1.76	3.30	4.96	6.69	8.45	10.23	12.03	13.83	15.64	17.46	19.27	21.09	22.91	24.73	26.55	28.38	30.20	32.02	26.2
51.1-53.0	58.4- 60.7	1.76	3.30	4.97	6.70	8.47	10.27	12.07	13.89	15.71	17.53	19.36	21.19	23.02	24.85	26.68	28.52	30.35	32.18	26.5
53.1-55.0	60.8- 63.1	1.76	3.30	4.97	6.71	8.49	10.29	12.11	13.93	15.76	17.60	19.43	21.27	23.11	24.96	26.80	28.64	30.48	32.33	26.8
55.1-57.0	63.2- 65.5	1.75	3.29	4.97	6.72	8.50	10.31	12.14	13.97	15.81	17.65	19.50	21.35	23.20	25.05	26.90	28.75	30.60	32.46	27.1
57.1-59.0	65.6- 67.9	1.74	3.29	4.97	6.72	8.51	10.33	12.16	14.00	15.85	17.70	19.56	21.41	23.27	25.13	26.99	28.85	30.71	32.57	27.3
59.1-61.0	68.0- 70.2	1.74	3.28	4.96	6.72	8.52	10.34	12.18	14.03	15.88	17.74	19.61	21.47	23.34	25.20	27.07	28.94	30.80	32.67	27.5
61.1-63.0	70.4- 72.6	1.73	3.27	4.96	6.72	8.52	10.35	12.20	14.05	15.91	17.78	19.65	21.52	23.39	25.26	27.14	29.01	30.89	32.76	27.7
63.1-65.0	72.8- 75.1	1.72	3.26	4.95	6.71	8.52	10.36	12.21	14.07	15.94	17.81	19.68	21.56	23.44	25.32	27.20	29.08	30.96	32.85	27.9
65.1-67.0	75.2- 77.5	1.72	3.25	4.94	6.71	8.52	10.36	12.21	14.08	15.96	17.83	19.72	21.60	23.48	25.37	27.26	29.14	31.03	32.92	28.0
67.1-69.0	77.6- 79.9	1.71	3.24	4.93	6.70	8.51	10.36	12.22	14.09	15.97	17.85	19.74	21.63	23.52	25.41	27.31	29.20	31.09	32.98	28.2
69.1-71.0	80.0- 82.3	1.70	3.23	4.92	6.69	8.51	10.36	12.22	14.10	15.98	17.87	19.76	21.66	23.55	25.45	27.35	29.25	31.14	33.04	28.3
71.1-73.0	82.4- 84.7	1.69	3.22	4.90	6.68	8.50	10.35	12.22	14.10	15.99	17.88	19.78	21.68	23.58	25.48	27.39	29.29	31.19	33.10	28.4
73.1-75.0	84.8- 87.1	1.68	3.21	4.89	6.66	8.49	10.34	12.22	14.10	15.99	17.89	19.79	21.70	23.60	25.51	27.42	29.33	31.23	33.14	28.5
75.1-77.0	87.3- 89.6	1.67	3.19	4.88	6.65	8.48	10.33	12.21	14.10	16.00	17.90	19.80	21.71	23.62	25.53	27.45	29.36	31.27	33.18	28.6
77.1-79.0	89.7- 92.0	1.67	3.18	4.86	6.64	8.46	10.32	12.20	14.10	16.00	17.90	19.81	21.72	23.64	25.55	27.47	29.39	31.30	33.22	28.7
79.1-81.0	92.1- 94.5	1.66	3.17	4.85	6.62	8.45	10.31	12.19	14.09	15.99	17.90	19.82	21.73	23.65	25.57	27.49	29.41	31.33	33.25	28.8

ALBERTA LAND AND FOREST SERVICES — INDIVIDUAL TREE VOLUME TABLE (1994)

Table 46. Merchantable length (m) from 0.30 m stump height to 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.4- 18.6	0.30	0.45	0.55	0.64	0.71	0.78	0.85	0.92	0.98	1.05	1.12	1.19	1.26	1.33	1.40	1.48	1.55	1.62	14.2
17.1-19.0	18.7- 20.9	0.64	1.14	1.64	2.15	2.66	3.18	3.70	4.22	4.75	5.27	5.80	6.33	6.86	7.39	7.92	8.46	8.99	9.52	15.5
19.1-21.0	21.0- 23.2	0.90	1.64	2.44	3.27	4.12	4.99	5.87	6.76	7.65	8.55	9.46	10.36	11.27	12.18	13.09	14.01	14.92	15.84	16.7
21.1-23.0	23.3- 25.5	1.08	2.00	2.98	4.01	5.07	6.14	7.22	8.32	9.42	10.52	11.63	12.74	13.85	14.97	16.08	17.20	18.32	19.44	17.7
23.1-25.0	25.6- 27.8	1.22	2.25	3.37	4.53	5.72	6.93	8.15	9.38	10.62	11.86	13.10	14.35	15.60	16.85	18.10	19.35	20.61	21.86	18.7
25.1-27.0	28.0- 30.2	1.32	2.44	3.65	4.92	6.21	7.51	8.84	10.16	11.50	12.84	14.18	15.53	16.88	18.23	19.58	20.93	22.28	23.63	19.6
27.1-29.0	30.3- 32.5	1.39	2.59	3.87	5.21	6.58	7.96	9.36	10.76	12.18	13.59	15.01	16.43	17.86	19.28	20.71	22.14	23.57	25.00	20.5
29.1-31.0	32.6- 34.8	1.45	2.70	4.04	5.44	6.87	8.31	9.77	11.24	12.71	14.19	15.67	17.15	18.64	20.12	21.61	23.10	24.59	26.08	21.3
31.1-33.0	34.9- 37.1	1.50	2.79	4.18	5.62	7.10	8.60	10.10	11.62	13.14	14.67	16.20	17.73	19.27	20.81	22.35	23.89	25.43	26.97	22.0
33.1-35.0	37.2- 39.5	1.53	2.86	4.29	5.77	7.29	8.83	10.37	11.93	13.50	15.07	16.64	18.22	19.79	21.37	22.95	24.53	26.12	27.70	22.6
35.1-37.0	39.6- 41.8	1.56	2.91	4.37	5.89	7.44	9.02	10.60	12.19	13.79	15.40	17.01	18.62	20.23	21.85	23.46	25.08	26.70	28.32	23.2
37.1-39.0	41.9- 44.2	1.58	2.96	4.45	5.99	7.57	9.17	10.79	12.41	14.04	15.68	17.32	18.96	20.60	22.25	23.90	25.54	27.19	28.84	23.8
39.1-41.0	44.3- 46.5	1.60	2.99	4.50	6.07	7.68	9.31	10.95	12.60	14.26	15.92	17.58	19.25	20.92	22.59	24.27	25.94	27.62	29.29	24.3
41.1-43.0	46.6- 48.9	1.61	3.02	4.55	6.14	7.77	9.42	11.08	12.76	14.44	16.12	17.81	19.50	21.20	22.89	24.59	26.29	27.99	29.69	24.7
43.1-45.0	49.0- 51.2	1.62	3.04	4.59	6.20	7.84	9.51	11.20	12.89	14.59	16.30	18.01	19.72	21.43	23.15	24.87	26.59	28.31	30.03	25.2
45.1-47.0	51.3- 53.6	1.63	3.06	4.62	6.24	7.91	9.59	11.29	13.01	14.72	16.45	18.18	19.91	21.64	23.38	25.11	26.85	28.59	30.33	25.6
47.1-49.0	53.7- 55.9	1.63	3.07	4.64	6.28	7.96	9.66	11.38	13.11	14.84	16.58	18.33	20.07	21.82	23.57	25.33	27.08	28.83	30.59	25.9
49.1-51.0	56.1- 58.3	1.64	3.08	4.66	6.31	8.00	9.72	11.45	13.19	14.94	16.70	18.45	20.22	21.98	23.75	25.51	27.28	29.05	30.82	26.2
51.1-53.0	58.4- 60.7	1.64	3.09	4.67	6.33	8.04	9.76	11.51	13.26	15.03	16.80	18.57	20.34	22.12	23.90	25.68	27.46	29.25	31.03	26.5
53.1-55.0	60.8- 63.1	1.64	3.09	4.68	6.35	8.07	9.80	11.56	13.33	15.10	16.88	18.67	20.45	22.24	24.04	25.83	27.62	29.42	31.21	26.8
55.1-57.0	63.2- 65.5	1.63	3.09	4.69	6.37	8.09	9.84	11.60	13.38	15.17	16.96	18.75	20.55	22.35	24.16	25.96	27.77	29.57	31.38	27.1
57.1-59.0	65.6- 67.9	1.63	3.09	4.69	6.38	8.11	9.87	11.64	13.43	15.22	17.03	18.83	20.64	22.45	24.26	26.08	27.89	29.71	31.52	27.3
59.1-61.0	68.0- 70.2	1.63	3.09	4.70	6.39	8.12	9.89	11.67	13.47	15.27	17.08	18.90	20.72	22.54	24.36	26.18	28.01	29.83	31.66	27.5
61.1-63.0	70.4- 72.6	1.62	3.08	4.70	6.39	8.13	9.91	11.70	13.50	15.31	17.13	18.96	20.78	22.61	24.44	26.27	28.11	29.94	31.78	27.7
63.1-65.0	72.8- 75.1	1.62	3.08	4.69	6.39	8.14	9.92	11.72	13.53	15.35	17.18	19.01	20.84	22.68	24.52	26.36	28.20	30.04	31.88	27.9
65.1-67.0	75.2- 77.5	1.61	3.07	4.69	6.39	8.14	9.93	11.73	13.55	15.38	17.21	19.05	20.89	22.74	24.58	26.43	28.28	30.13	31.98	28.0
67.1-69.0	77.6- 79.9	1.61	3.07	4.68	6.39	8.14	9.93	11.75	13.57	15.40	17.24	19.09	20.94	22.79	24.64	26.50	28.35	30.21	32.06	28.2
69.1-71.0	80.0- 82.3	1.60	3.06	4.67	6.38	8.14	9.94	11.75	13.59	15.42	17.27	19.12	20.98	22.83	24.69	26.55	28.42	30.28	32.14	28.3
71.1-73.0	82.4- 84.7	1.60	3.05	4.67	6.38	8.14	9.94	11.76	13.60	15.44	17.29	19.15	21.01	22.87	24.74	26.61	28.47	30.34	32.21	28.4
73.1-75.0	84.8- 87.1	1.59	3.04	4.66	6.37	8.13	9.94	11.76	13.60	15.45	17.31	19.17	21.04	22.91	24.78	26.65	28.52	30.40	32.27	28.5
75.1-77.0	87.3- 89.6	1.58	3.03	4.65	6.36	8.13	9.93	11.76	13.61	15.46	17.33	19.19	21.06	22.94	24.81	26.69	28.57	30.45	32.33	28.6
77.1-79.0	89.7- 92.0	1.58	3.02	4.63	6.35	8.12	9.93	11.76	13.61	15.47	17.34	19.21	21.09	22.96	24.84	26.73	28.61	30.49	32.38	28.7
79.1-81.0	92.1- 94.5	1.57	3.01	4.62	6.33	8.11	9.92	11.76	13.61	15.47	17.35	19.22	21.10	22.99	24.87	26.76	28.65	30.53	32.42	28.8

11.0 MERCHANTABLE LENGTH TABLES FOR NATURAL REGIONS 1, 3, 4, 5, 6, 12, 13

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 47. Merchantable length (m) from 0.30 m stump height to 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	5.5- 7.6	0.76	1.30	1.85	2.40	2.96	3.51	4.06	4.61	5.16	5.72	6.27	6.82	7.37	7.92	8.48	9.03	9.58	10.13	6.5
7.1- 9.0	7.7- 9.9	1.72	2.85	3.98	5.11	6.24	7.37	8.50	9.64	10.77	11.91	13.04	14.17	15.31	16.44	17.58	18.71	19.84	20.98	8.4
9.1-11.0	10.0- 12.1	2.15	3.52	4.90	6.27	7.65	9.03	10.41	11.79	13.17	14.56	15.94	17.32	18.70	20.08	21.46	22.84	24.22	25.61	10.2
11.1-13.0	12.2- 14.4	2.39	3.90	5.42	6.94	8.46	9.98	11.51	13.03	14.55	16.08	17.60	19.12	20.65	22.17	23.70	25.22	26.74	28.27	11.9
13.1-15.0	14.5- 16.6	2.54	4.15	5.76	7.37	8.99	10.60	12.22	13.84	15.45	17.07	18.69	20.30	21.92	23.54	25.15	26.77	28.39	30.01	13.5
15.1-17.0	16.8- 18.9	2.65	4.32	5.99	7.67	9.35	11.03	12.72	14.40	16.08	17.76	19.45	21.13	22.81	24.50	26.18	27.86	29.54	31.23	15.0
17.1-19.0	19.0- 21.2	2.72	4.44	6.16	7.89	9.62	11.35	13.08	14.81	16.54	18.28	20.01	21.74	23.47	25.20	26.93	28.66	30.40	32.13	16.4
19.1-21.0	21.3- 23.4	2.77	4.53	6.29	8.06	9.82	11.59	13.36	15.13	16.90	18.67	20.43	22.20	23.97	25.74	27.51	29.28	31.05	32.82	17.7
21.1-23.0	23.6- 25.7	2.81	4.59	6.39	8.18	9.98	11.78	13.58	15.38	17.17	18.97	20.77	22.57	24.37	26.17	27.96	29.76	31.56	33.36	18.9
23.1-25.0	25.8- 28.0	2.83	4.64	6.46	8.28	10.11	11.93	13.75	15.57	17.39	19.22	21.04	22.86	24.68	26.51	28.33	30.15	31.97	33.80	20.1
25.1-27.0	28.1- 30.3	2.85	4.68	6.52	8.36	10.21	12.05	13.89	15.73	17.58	19.42	21.26	23.10	24.94	26.78	28.63	30.47	32.31	34.15	21.1
27.1-29.0	30.4- 32.6	2.87	4.72	6.57	8.43	10.29	12.15	14.01	15.87	17.72	19.58	21.44	23.30	25.16	27.01	28.87	30.73	32.59	34.45	22.1
29.1-31.0	32.7- 34.8	2.88	4.74	6.61	8.48	10.36	12.23	14.10	15.98	17.85	19.72	21.59	23.46	25.34	27.21	29.08	30.95	32.82	34.70	23.0
31.1-33.0	35.0- 37.1	2.88	4.76	6.64	8.53	10.41	12.30	14.18	16.07	17.95	19.84	21.72	23.61	25.49	27.37	29.26	31.14	33.02	34.91	23.8
33.1-35.0	37.2- 39.4	2.88	4.77	6.67	8.56	10.46	12.36	14.25	16.15	18.04	19.94	21.83	23.73	25.62	27.51	29.41	31.30	33.19	35.09	24.6
35.1-37.0	39.5- 41.7	2.89	4.78	6.69	8.60	10.50	12.41	14.31	16.22	18.12	20.02	21.93	23.83	25.73	27.64	29.54	31.44	33.34	35.24	25.3
37.1-39.0	41.8- 44.0	2.88	4.79	6.70	8.62	10.54	12.45	14.36	16.27	18.19	20.10	22.01	23.92	25.83	27.74	29.65	31.56	33.47	35.38	25.9
39.1-41.0	44.1- 46.3	2.88	4.80	6.72	8.64	10.56	12.49	14.41	16.33	18.24	20.16	22.08	24.00	25.92	27.83	29.75	31.67	33.58	35.50	26.5
41.1-43.0	46.4- 48.6	2.88	4.80	6.73	8.66	10.59	12.52	14.44	16.37	18.30	20.22	22.14	24.07	25.99	27.92	29.84	31.76	33.68	35.61	27.1
43.1-45.0	48.7- 50.9	2.87	4.80	6.74	8.67	10.61	12.54	14.48	16.41	18.34	20.27	22.20	24.13	26.06	27.99	29.92	31.85	33.77	35.70	27.6
45.1-47.0	51.0- 53.2	2.87	4.80	6.74	8.68	10.63	12.57	14.50	16.44	18.38	20.31	22.25	24.18	26.12	28.05	29.99	31.92	33.85	35.79	28.0
47.1-49.0	53.4- 55.5	2.86	4.80	6.75	8.69	10.64	12.59	14.53	16.47	18.41	20.35	22.29	24.23	26.17	28.11	30.05	31.99	33.92	35.86	28.5
49.1-51.0	55.7- 57.9	2.85	4.79	6.75	8.70	10.65	12.60	14.55	16.50	18.44	20.39	22.33	24.28	26.22	28.16	30.10	32.04	33.99	35.93	28.9
51.1-53.0	58.0- 60.2	2.85	4.79	6.75	8.71	10.66	12.62	14.57	16.52	18.47	20.42	22.37	24.31	26.26	28.21	30.15	32.10	34.04	35.99	29.2
53.1-55.0	60.3- 62.5	2.84	4.79	6.75	8.71	10.67	12.63	14.59	16.54	18.49	20.45	22.40	24.35	26.30	28.25	30.20	32.15	34.09	36.04	29.6
55.1-57.0	62.6- 64.8	2.83	4.78	6.75	8.71	10.68	12.64	14.60	16.56	18.52	20.47	22.43	24.38	26.33	28.29	30.24	32.19	34.14	36.09	29.9
57.1-59.0	65.0- 67.2	2.82	4.77	6.74	8.71	10.68	12.65	14.61	16.57	18.53	20.49	22.45	24.41	26.36	28.32	30.27	32.23	34.18	36.14	30.1
59.1-61.0	67.3- 69.5	2.81	4.77	6.74	8.71	10.69	12.66	14.62	16.59	18.55	20.51	22.47	24.43	26.39	28.35	30.31	32.27	34.22	36.18	30.4
61.1-63.0	69.6- 71.8	2.80	4.76	6.74	8.71	10.69	12.66	14.63	16.60	18.57	20.53	22.49	24.46	26.42	28.38	30.34	32.30	34.26	36.22	30.6
63.1-65.0	71.9- 74.2	2.79	4.75	6.73	8.71	10.69	12.67	14.64	16.61	18.58	20.55	22.51	24.48	26.44	28.40	30.37	32.33	34.29	36.25	30.8
65.1-67.0	74.3- 76.5	2.78	4.74	6.73	8.71	10.69	12.67	14.65	16.62	18.59	20.56	22.53	24.49	26.46	28.43	30.39	32.36	34.32	36.28	31.0
67.1-69.0	76.6- 78.9	2.77	4.73	6.72	8.71	10.69	12.67	14.65	16.63	18.60	20.57	22.54	24.51	26.48	28.45	30.41	32.38	34.35	36.31	31.2
69.1-71.0	79.0- 81.2	2.76	4.73	6.71	8.70	10.69	12.67	14.65	16.63	18.61	20.58	22.56	24.53	26.50	28.47	30.44	32.40	34.37	36.34	31.4
71.1-73.0	81.3- 83.6	2.75	4.72	6.71	8.70	10.69	12.67	14.66	16.64	18.62	20.59	22.57	24.54	26.51	28.48	30.46	32.43	34.39	36.36	31.5
73.1-75.0	83.7- 85.9	2.74	4.71	6.70	8.69	10.69	12.67	14.66	16.64	18.62	20.60	22.58	24.55	26.53	28.50	30.47	32.44	34.42	36.39	31.7
75.1-77.0	86.0- 88.3	2.73	4.70	6.69	8.69	10.68	12.67	14.66	16.65	18.63	20.61	22.59	24.56	26.54	28.51	30.49	32.46	34.44	36.41	31.8
77.1-79.0	88.4- 90.6	2.72	4.69	6.68	8.68	10.68	12.67	14.66	16.65	18.63	20.61	22.59	24.57	26.55	28.53	30.50	32.48	34.45	36.43	31.9
79.1-81.0	90.7- 93.0	2.71	4.68	6.67	8.68	10.67	12.67	14.66	16.65	18.64	20.62	22.60	24.58	26.56	28.54	30.52	32.49	34.47	36.44	32.0

Table 48. Merchantable length (m) from 0.30 m stump height to 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	7.7- 9.9	0.47	0.83	1.19	1.55	1.90	2.26	2.61	2.97	3.32	3.68	4.03	4.39	4.74	5.09	5.45	5.80	6.16	6.51	8.4
9.1-11.0	10.0- 12.1	1.32	2.24	3.16	4.09	5.02	5.95	6.89	7.82	8.76	9.69	10.62	11.56	12.50	13.43	14.37	15.30	16.24	17.17	10.2
11.1-13.0	12.2- 14.4	1.76	2.94	4.14	5.34	6.54	7.74	8.95	10.15	11.36	12.56	13.77	14.98	16.18	17.39	18.59	19.80	21.01	22.21	11.9
13.1-15.0	14.5- 16.6	2.02	3.37	4.73	6.09	7.45	8.82	10.18	11.55	12.92	14.29	15.66	17.02	18.39	19.76	21.13	22.50	23.87	25.24	13.5
15.1-17.0	16.8- 18.9	2.20	3.65	5.12	6.59	8.06	9.54	11.02	12.49	13.97	15.45	16.93	18.41	19.89	21.36	22.84	24.32	25.80	27.28	15.0
17.1-19.0	19.0- 21.2	2.32	3.85	5.40	6.95	8.50	10.06	11.62	13.17	14.73	16.29	17.85	19.41	20.96	22.52	24.08	25.64	27.20	28.76	16.4
19.1-21.0	21.3- 23.4	2.41	4.00	5.61	7.22	8.83	10.45	12.07	13.69	15.30	16.92	18.54	20.16	21.78	23.40	25.02	26.64	28.26	29.88	17.7
21.1-23.0	23.6- 25.7	2.47	4.11	5.77	7.43	9.09	10.75	12.42	14.08	15.75	17.42	19.08	20.75	22.42	24.08	25.75	27.42	29.09	30.75	18.9
23.1-25.0	25.8- 28.0	2.52	4.20	5.89	7.59	9.29	10.99	12.70	14.40	16.11	17.81	19.52	21.22	22.93	24.63	26.34	28.04	29.75	31.45	20.1
25.1-27.0	28.1- 30.3	2.56	4.27	5.99	7.72	9.46	11.19	12.92	14.66	16.40	18.13	19.87	21.61	23.34	25.08	26.82	28.55	30.29	32.03	21.1
27.1-29.0	30.4- 32.6	2.59	4.32	6.07	7.83	9.59	11.35	13.11	14.87	16.64	18.40	20.16	21.92	23.69	25.45	27.21	28.98	30.74	32.50	22.1
29.1-31.0	32.7- 34.8	2.61	4.37	6.14	7.92	9.70	11.48	13.27	15.05	16.84	18.62	20.41	22.19	23.98	25.76	27.55	29.33	31.12	32.90	23.0
31.1-33.0	35.0- 37.1	2.63	4.40	6.19	7.99	9.79	11.60	13.40	15.20	17.01	18.81	20.61	22.42	24.22	26.03	27.83	29.63	31.44	33.24	23.8
33.1-35.0	37.2- 39.4	2.64	4.43	6.24	8.05	9.87	11.69	13.51	15.33	17.15	18.97	20.79	22.61	24.43	26.25	28.07	29.89	31.72	33.54	24.6
35.1-37.0	39.5- 41.7	2.65	4.45	6.28	8.11	9.94	11.77	13.61	15.44	17.28	19.11	20.95	22.78	24.62	26.45	28.29	30.12	31.95	33.79	25.3
37.1-39.0	41.8- 44.0	2.65	4.47	6.31	8.15	10.00	11.84	13.69	15.54	17.39	19.23	21.08	22.93	24.78	26.62	28.47	30.32	32.16	34.01	25.9
39.1-41.0	44.1- 46.3	2.66	4.49	6.33	8.19	10.05	11.90	13.76	15.62	17.48	19.34	21.20	23.06	24.91	26.77	28.63	30.49	32.35	34.21	26.5
41.1-43.0	46.4- 48.6	2.66	4.50	6.36	8.22	10.09	11.96	13.83	15.70	17.56	19.43	21.30	23.17	25.04	26.91	28.77	30.64	32.51	34.38	27.1
43.1-45.0	48.7- 50.9	2.66	4.50	6.37	8.25	10.12	12.00	13.88	15.76	17.64	19.51	21.39	23.27	25.15	27.02	28.90	30.78	32.65	34.53	27.6
45.1-47.0	51.0- 53.2	2.66	4.51	6.39	8.27	10.16	12.04	13.93	15.82	17.70	19.59	21.47	23.36	25.24	27.13	29.01	30.90	32.78	34.67	28.0
47.1-49.0	53.4- 55.5	2.65	4.51	6.40	8.29	10.18	12.08	13.97	15.87	17.76	19.65	21.55	23.44	25.33	27.22	29.11	31.01	32.90	34.79	28.5
49.1-51.0	55.7- 57.9	2.65	4.52	6.41	8.31	10.21	12.11	14.01	15.91	17.81	19.71	21.61	23.51	25.41	27.31	29.21	31.10	33.00	34.90	28.9
51.1-53.0	58.0- 60.2	2.65	4.52	6.41	8.32	10.23	12.14	14.04	15.95	17.86	19.76	21.67	23.57	25.48	27.38	29.29	31.19	33.10	35.00	29.2
53.1-55.0	60.3- 62.5	2.64	4.52	6.42	8.33	10.24	12.16	14.07	15.99	17.90	19.81	21.72	23.63	25.54	27.45	29.36	31.27	33.18	35.09	29.6
55.1-57.0	62.6- 64.8	2.63	4.51	6.42	8.34	10.26	12.18	14.10	16.02	17.93	19.85	21.77	23.68	25.60	27.51	29.43	31.34	33.26	35.17	29.9
57.1-59.0	65.0- 67.2	2.63	4.51	6.43	8.35	10.27	12.20	14.12	16.04	17.97	19.89	21.81	23.73	25.65	27.57	29.49	31.41	33.33	35.25	30.1
59.1-61.0	67.3- 69.5	2.62	4.51	6.43	8.35	10.28	12.21	14.14	16.07	18.00	19.92	21.85	23.77	25.70	27.62	29.55	31.47	33.39	35.32	30.4
61.1-63.0	69.6- 71.8	2.61	4.50	6.43	8.36	10.29	12.23	14.16	16.09	18.02	19.95	21.88	23.81	25.74	27.67	29.60	31.53	33.45	35.38	30.6
63.1-65.0	71.9- 74.2	2.61	4.50	6.42	8.36	10.30	12.24	14.17	16.11	18.05	19.98	21.92	23.85	25.78	27.71	29.64	31.58	33.51	35.44	30.8
65.1-67.0	74.3- 76.5	2.60	4.49	6.42	8.36	10.30	12.25	14.19	16.13	18.07	20.01	21.94	23.88	25.82	27.75	29.69	31.62	33.56	35.49	31.0
67.1-69.0	76.6- 78.9	2.59	4.49	6.42	8.36	10.31	12.26	14.20	16.14	18.09	20.03	21.97	23.91	25.85	27.79	29.73	31.66	33.60	35.54	31.2
69.1-71.0	79.0- 81.2	2.58	4.48	6.42	8.36	10.31	12.26	14.21	16.16	18.10	20.05	21.99	23.94	25.88	27.82	29.76	31.70	33.64	35.58	31.4
71.1-73.0	81.3- 83.6	2.57	4.47	6.41	8.36	10.31	12.27	14.22	16.17	18.12	20.07	22.02	23.96	25.91	27.85	29.80	31.74	33.68	35.63	31.5
73.1-75.0	83.7- 85.9	2.56	4.46	6.41	8.36	10.32	12.27	14.23	16.18	18.13	20.08	22.03	23.98	25.93	27.88	29.83	31.77	33.72	35.66	31.7
75.1-77.0	86.0- 88.3	2.55	4.45	6.40	8.36	10.32	12.27	14.23	16.19	18.15	20.10	22.05	24.00	25.96	27.91	29.85	31.80	33.75	35.70	31.8
77.1-79.0	88.4- 90.6	2.54	4.45	6.39	8.35	10.31	12.28	14.24	16.20	18.16	20.11	22.07	24.02	25.98	27.93	29.88	31.83	33.78	35.73	31.9
79.1-81.0	90.7- 93.0	2.53	4.44	6.39	8.35	10.31	12.28	14.24	16.20	18.17	20.12	22.08	24.04	26.00	27.95	29.90	31.86	33.81	35.76	32.0

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Table 49. Merchantable length (m) from 0.30 m stump height to 10.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.2- 14.4	0.63	1.10	1.57	2.04	2.51	2.98	3.45	3.93	4.40	4.87	5.34	5.82	6.29	6.76	7.23	7.70	8.18	8.65	11.9
13.1-15.0	14.5- 16.6	1.15	1.98	2.83	3.69	4.55	5.41	6.28	7.14	8.01	8.88	9.75	10.61	11.48	12.35	13.22	14.09	14.96	15.83	13.5
15.1-17.0	16.8- 18.9	1.47	2.53	3.60	4.69	5.77	6.86	7.95	9.04	10.14	11.23	12.32	13.42	14.51	15.61	16.70	17.80	18.89	19.99	15.0
17.1-19.0	19.0- 21.2	1.70	2.90	4.12	5.35	6.59	7.83	9.07	10.31	11.55	12.80	14.04	15.28	16.53	17.77	19.02	20.26	21.51	22.75	16.4
19.1-21.0	21.3- 23.4	1.86	3.17	4.50	5.83	7.18	8.53	9.87	11.22	12.58	13.93	15.28	16.63	17.98	19.34	20.69	22.04	23.40	24.75	17.7
21.1-23.0	23.6- 25.7	1.98	3.36	4.78	6.20	7.62	9.05	10.48	11.92	13.35	14.78	16.22	17.65	19.09	20.52	21.96	23.40	24.83	26.27	18.9
23.1-25.0	25.8- 28.0	2.07	3.52	4.99	6.48	7.97	9.46	10.96	12.46	13.96	15.46	16.96	18.46	19.96	21.46	22.96	24.46	25.96	27.46	20.1
25.1-27.0	28.1- 30.3	2.14	3.64	5.17	6.70	8.25	9.80	11.34	12.90	14.45	16.00	17.55	19.11	20.66	22.21	23.77	25.32	26.87	28.43	21.1
27.1-29.0	30.4- 32.6	2.19	3.74	5.31	6.89	8.48	10.07	11.66	13.25	14.85	16.44	18.04	19.64	21.24	22.83	24.43	26.03	27.63	29.22	22.1
29.1-31.0	32.7- 34.8	2.23	3.81	5.42	7.04	8.66	10.29	11.92	13.55	15.18	16.82	18.45	20.08	21.72	23.35	24.99	26.62	28.26	29.89	23.0
31.1-33.0	35.0- 37.1	2.27	3.88	5.52	7.17	8.82	10.48	12.14	13.80	15.47	17.13	18.80	20.46	22.13	23.79	25.46	27.12	28.79	30.45	23.8
33.1-35.0	37.2- 39.4	2.30	3.93	5.60	7.27	8.95	10.64	12.33	14.02	15.71	17.40	19.09	20.78	22.48	24.17	25.86	27.55	29.25	30.94	24.6
35.1-37.0	39.5- 41.7	2.32	3.98	5.66	7.36	9.07	10.78	12.49	14.20	15.92	17.63	19.35	21.06	22.78	24.49	26.21	27.93	29.64	31.36	25.3
37.1-39.0	41.8- 44.0	2.34	4.01	5.72	7.44	9.17	10.90	12.63	14.36	16.10	17.83	19.57	21.31	23.04	24.78	26.52	28.25	29.99	31.73	25.9
39.1-41.0	44.1- 46.3	2.35	4.04	5.77	7.51	9.25	11.00	12.75	14.50	16.26	18.01	19.76	21.52	23.27	25.03	26.78	28.54	30.29	32.05	26.5
41.1-43.0	46.4- 48.6	2.36	4.07	5.81	7.56	9.32	11.09	12.86	14.63	16.40	18.17	19.94	21.71	23.48	25.25	27.02	28.79	30.56	32.33	27.1
43.1-45.0	48.7- 50.9	2.37	4.09	5.84	7.61	9.39	11.17	12.95	14.73	16.52	18.30	20.09	21.87	23.66	25.44	27.23	29.02	30.80	32.59	27.6
45.1-47.0	51.0- 53.2	2.38	4.11	5.87	7.66	9.45	11.24	13.03	14.83	16.63	18.43	20.22	22.02	23.82	25.62	27.42	29.22	31.02	32.81	28.0
47.1-49.0	53.4- 55.5	2.38	4.12	5.90	7.69	9.49	11.30	13.11	14.92	16.72	18.53	20.34	22.15	23.97	25.78	27.59	29.40	31.21	33.02	28.5
49.1-51.0	55.7- 57.9	2.38	4.13	5.92	7.73	9.54	11.35	13.17	14.99	16.81	18.63	20.45	22.27	24.10	25.92	27.74	29.56	31.38	33.20	28.9
51.1-53.0	58.0- 60.2	2.38	4.14	5.94	7.75	9.58	11.40	13.23	15.06	16.89	18.72	20.55	22.38	24.21	26.04	27.88	29.71	31.54	33.37	29.2
53.1-55.0	60.3- 62.5	2.38	4.15	5.95	7.78	9.61	11.45	13.28	15.12	16.96	18.80	20.64	22.48	24.32	26.16	28.00	29.84	31.68	33.52	29.6
55.1-57.0	62.6- 64.8	2.38	4.15	5.97	7.80	9.64	11.48	13.33	15.18	17.02	18.87	20.72	22.57	24.42	26.27	28.11	29.96	31.81	33.66	29.9
57.1-59.0	65.0- 67.2	2.38	4.15	5.98	7.82	9.67	11.52	13.37	15.23	17.08	18.94	20.79	22.65	24.50	26.36	28.22	30.07	31.93	33.78	30.1
59.1-61.0	67.3- 69.5	2.38	4.16	5.99	7.83	9.69	11.55	13.41	15.27	17.13	19.00	20.86	22.72	24.59	26.45	28.31	30.17	32.04	33.90	30.4
61.1-63.0	69.6- 71.8	2.37	4.16	5.99	7.85	9.71	11.57	13.44	15.31	17.18	19.05	20.92	22.79	24.66	26.53	28.40	30.27	32.14	34.01	30.6
63.1-65.0	71.9- 74.2	2.37	4.16	6.00	7.86	9.73	11.60	13.47	15.35	17.22	19.10	20.97	22.85	24.73	26.60	28.48	30.35	32.23	34.10	30.8
65.1-67.0	74.3- 76.5	2.36	4.16	6.00	7.87	9.74	11.62	13.50	15.38	17.26	19.14	21.03	22.91	24.79	26.67	28.55	30.43	32.31	34.19	31.0
67.1-69.0	76.6- 78.9	2.36	4.15	6.00	7.87	9.75	11.64	13.52	15.41	17.30	19.18	21.07	22.96	24.85	26.73	28.62	30.50	32.39	34.28	31.2
69.1-71.0	79.0- 81.2	2.35	4.15	6.00	7.88	9.77	11.65	13.55	15.44	17.33	19.22	21.11	23.01	24.90	26.79	28.68	30.57	32.46	34.35	31.4
71.1-73.0	81.3- 83.6	2.35	4.15	6.00	7.88	9.77	11.67	13.56	15.46	17.36	19.26	21.15	23.05	24.95	26.84	28.74	30.63	32.53	34.42	31.5
73.1-75.0	83.7- 85.9	2.34	4.14	6.00	7.89	9.78	11.68	13.58	15.48	17.39	19.29	21.19	23.09	24.99	26.89	28.79	30.69	32.59	34.49	31.7
75.1-77.0	86.0- 88.3	2.33	4.14	6.00	7.89	9.79	11.69	13.60	15.50	17.41	19.32	21.22	23.13	25.03	26.94	28.84	30.74	32.65	34.55	31.8
77.1-79.0	88.4- 90.6	2.33	4.13	6.00	7.89	9.79	11.70	13.61	15.52	17.43	19.34	21.25	23.16	25.07	26.98	28.89	30.79	32.70	34.61	31.9
79.1-81.0	90.7- 93.0	2.32	4.13	6.00	7.89	9.80	11.71	13.62	15.54	17.45	19.37	21.28	23.19	25.10	27.02	28.93	30.84	32.75	34.66	32.0

Table 50. Merchantable length (m) from 0.30 m stump height to 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.2- 14.4	0.24	0.43	0.60	0.78	0.95	1.12	1.28	1.45	1.62	1.78	1.95	2.11	2.28	2.45	2.61	2.78	2.94	3.11	11.9
13.1-15.0	14.5- 16.6	0.82	1.44	2.06	2.69	3.32	3.95	4.58	5.22	5.85	6.49	7.12	7.76	8.39	9.03	9.67	10.30	10.94	11.57	13.5
15.1-17.0	16.8- 18.9	1.22	2.11	3.02	3.94	4.86	5.79	6.72	7.65	8.58	9.51	10.44	11.38	12.31	13.24	14.18	15.11	16.05	16.98	15.0
17.1-19.0	19.0- 21.2	1.48	2.55	3.65	4.75	5.86	6.98	8.09	9.21	10.33	11.44	12.56	13.68	14.80	15.92	17.04	18.16	19.28	20.40	16.4
19.1-21.0	21.3- 23.4	1.67	2.87	4.09	5.33	6.57	7.81	9.06	10.30	11.55	12.80	14.05	15.30	16.55	17.80	19.05	20.30	21.55	22.80	17.7
21.1-23.0	23.6- 25.7	1.81	3.10	4.42	5.76	7.09	8.43	9.78	11.12	12.47	13.81	15.16	16.51	17.86	19.20	20.55	21.90	23.25	24.60	18.9
23.1-25.0	25.8- 28.0	1.91	3.28	4.68	6.09	7.50	8.92	10.34	11.76	13.18	14.60	16.02	17.45	18.87	20.30	21.72	23.15	24.57	26.00	20.1
25.1-27.0	28.1- 30.3	2.00	3.42	4.88	6.35	7.82	9.30	10.78	12.26	13.75	15.23	16.72	18.20	19.69	21.17	22.66	24.15	25.63	27.12	21.1
27.1-29.0	30.4- 32.6	2.06	3.54	5.04	6.56	8.09	9.61	11.15	12.68	14.21	15.75	17.28	18.82	20.35	21.89	23.43	24.96	26.50	28.04	22.1
29.1-31.0	32.7- 34.8	2.11	3.63	5.18	6.74	8.30	9.87	11.45	13.02	14.60	16.18	17.75	19.33	20.91	22.49	24.07	25.65	27.23	28.81	23.0
31.1-33.0	35.0- 37.1	2.15	3.70	5.29	6.88	8.48	10.09	11.70	13.31	14.92	16.54	18.15	19.77	21.38	22.99	24.61	26.23	27.84	29.46	23.8
33.1-35.0	37.2- 39.4	2.19	3.77	5.38	7.01	8.64	10.28	11.92	13.56	15.20	16.85	18.49	20.14	21.78	23.43	25.07	26.72	28.37	30.01	24.6
35.1-37.0	39.5- 41.7	2.22	3.82	5.46	7.11	8.77	10.43	12.10	13.77	15.44	17.11	18.78	20.46	22.13	23.80	25.47	27.15	28.82	30.49	25.3
37.1-39.0	41.8- 44.0	2.24	3.86	5.52	7.20	8.88	10.57	12.26	13.96	15.65	17.34	19.04	20.73	22.43	24.13	25.82	27.52	29.22	30.91	25.9
39.1-41.0	44.1- 46.3	2.25	3.90	5.58	7.28	8.98	10.69	12.40	14.12	15.83	17.55	19.26	20.98	22.70	24.41	26.13	27.85	29.57	31.28	26.5
41.1-43.0	46.4- 48.6	2.27	3.93	5.63	7.34	9.07	10.79	12.52	14.26	15.99	17.72	19.46	21.19	22.93	24.66	26.40	28.14	29.87	31.61	27.1
43.1-45.0	48.7- 50.9	2.28	3.95	5.67	7.40	9.14	10.89	12.63	14.38	16.13	17.88	19.63	21.38	23.14	24.89	26.64	28.39	30.15	31.90	27.6
45.1-47.0	51.0- 53.2	2.29	3.98	5.70	7.45	9.21	10.97	12.73	14.49	16.26	18.02	19.79	21.56	23.32	25.09	26.86	28.62	30.39	32.16	28.0
47.1-49.0	53.4- 55.5	2.29	3.99	5.74	7.50	9.26	11.04	12.81	14.59	16.37	18.15	19.93	21.71	23.49	25.27	27.05	28.83	30.61	32.39	28.5
49.1-51.0	55.7- 57.9	2.30	4.01	5.76	7.53	9.31	11.10	12.89	14.68	16.47	18.26	20.05	21.85	23.64	25.43	27.22	29.02	30.81	32.60	28.9
51.1-53.0	58.0- 60.2	2.30	4.02	5.78	7.57	9.36	11.16	12.96	14.76	16.56	18.36	20.17	21.97	23.77	25.58	27.38	29.19	30.99	32.79	29.2
53.1-55.0	60.3- 62.5	2.30	4.03	5.80	7.60	9.40	11.21	13.02	14.83	16.64	18.45	20.27	22.08	23.89	25.71	27.52	29.34	31.15	32.97	29.6
55.1-57.0	62.6- 64.8	2.30	4.04	5.82	7.62	9.43	11.25	13.07	14.89	16.71	18.54	20.36	22.18	24.01	25.83	27.65	29.48	31.30	33.13	29.9
57.1-59.0	65.0- 67.2	2.30	4.04	5.83	7.64	9.46	11.29	13.12	14.95	16.78	18.61	20.44	22.28	24.11	25.94	27.77	29.60	31.44	33.27	30.1
59.1-61.0	67.3- 69.5	2.30	4.05	5.84	7.66	9.49	11.33	13.16	15.00	16.84	18.68	20.52	22.36	24.20	26.04	27.88	29.72	31.56	33.40	30.4
61.1-63.0	69.6- 71.8	2.30	4.05	5.85	7.68	9.52	11.36	13.20	15.05	16.89	18.74	20.59	22.44	24.28	26.13	27.98	29.83	31.68	33.52	30.6
63.1-65.0	71.9- 74.2	2.30	4.05	5.86	7.69	9.54	11.39	13.24	15.09	16.94	18.80	20.65	22.51	24.36	26.22	28.07	29.93	31.78	33.64	30.8
65.1-67.0	74.3- 76.5	2.29	4.05	5.87	7.71	9.56	11.41	13.27	15.13	16.99	18.85	20.71	22.57	24.43	26.29	28.16	30.02	31.88	33.74	31.0
67.1-69.0	76.6- 78.9	2.29	4.05	5.87	7.72	9.57	11.43	13.30	15.16	17.03	18.90	20.76	22.63	24.50	26.37	28.23	30.10	31.97	33.83	31.2
69.1-71.0	79.0- 81.2	2.29	4.05	5.87	7.73	9.59	11.45	13.32	15.20	17.07	18.94	20.81	22.69	24.56	26.43	28.31	30.18	32.05	33.92	31.4
71.1-73.0	81.3- 83.6	2.28	4.05	5.88	7.73	9.60	11.47	13.35	15.22	17.10	18.98	20.86	22.74	24.62	26.49	28.37	30.25	32.13	34.00	31.5
73.1-75.0	83.7- 85.9	2.27	4.04	5.88	7.74	9.61	11.49	13.37	15.25	17.13	19.02	20.90	22.78	24.67	26.55	28.43	30.32	32.20	34.08	31.7
75.1-77.0	86.0- 88.3	2.27	4.04	5.88	7.74	9.62	11.50	13.39	15.27	17.16	19.05	20.94	22.83	24.71	26.60	28.49	30.38	32.26	34.15	31.8
77.1-79.0	88.4- 90.6	2.26	4.04	5.88	7.75	9.63	11.51	13.40	15.30	17.19	19.08	20.97	22.87	24.76	26.65	28.54	30.44	32.33	34.22	31.9
79.1-81.0	90.7- 93.0	2.26	4.03	5.87	7.75	9.63	11.52	13.42	15.32	17.21	19.11	21.01	22.90	24.80	26.70	28.59	30.49	32.38	34.28	32.0

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 51. Merchantable length (m) from 0.30 m stump height to 13.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m)																		
		3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
13.1-15.0	14.5- 16.6	0.19	0.34	0.48	0.61	0.74	0.87	1.00	1.13	1.25	1.38	1.51	1.63	1.76	1.89	2.01	2.14	2.27	2.39	13.5
15.1-17.0	16.8- 18.9	0.67	1.18	1.69	2.20	2.72	3.23	3.75	4.26	4.78	5.30	5.81	6.33	6.85	7.37	7.88	8.40	8.92	9.44	15.0
17.1-19.0	19.0- 21.2	1.03	1.80	2.60	3.40	4.21	5.03	5.84	6.66	7.48	8.29	9.11	9.93	10.75	11.58	12.40	13.22	14.04	14.86	16.4
19.1-21.0	21.3- 23.4	1.28	2.24	3.22	4.22	5.22	6.23	7.24	8.25	9.26	10.28	11.29	12.30	13.32	14.33	15.35	16.37	17.38	18.40	17.7
21.1-23.0	23.6- 25.7	1.47	2.56	3.68	4.81	5.95	7.09	8.24	9.39	10.54	11.69	12.84	13.99	15.15	16.30	17.45	18.61	19.76	20.92	18.9
23.1-25.0	25.8- 28.0	1.61	2.80	4.02	5.26	6.50	7.75	9.00	10.25	11.50	12.76	14.01	15.27	16.53	17.78	19.04	20.30	21.56	22.82	20.1
25.1-27.0	28.1- 30.3	1.72	2.99	4.29	5.60	6.93	8.26	9.59	10.92	12.26	13.60	14.93	16.27	17.61	18.95	20.29	21.63	22.97	24.31	21.1
27.1-29.0	30.4- 32.6	1.80	3.14	4.50	5.88	7.27	8.67	10.07	11.47	12.87	14.27	15.68	17.08	18.49	19.89	21.30	22.70	24.11	25.52	22.1
29.1-31.0	32.7- 34.8	1.87	3.26	4.68	6.11	7.56	9.01	10.46	11.92	13.37	14.83	16.29	17.75	19.21	20.67	22.13	23.59	25.05	26.51	23.0
31.1-33.0	35.0- 37.1	1.93	3.36	4.82	6.30	7.79	9.29	10.79	12.29	13.79	15.30	16.80	18.31	19.82	21.32	22.83	24.34	25.84	27.35	23.8
33.1-35.0	37.2- 39.4	1.98	3.44	4.94	6.46	7.99	9.53	11.07	12.61	14.15	15.69	17.24	18.79	20.33	21.88	23.42	24.97	26.52	28.07	24.6
35.1-37.0	39.5- 41.7	2.01	3.51	5.04	6.60	8.16	9.73	11.30	12.88	14.46	16.04	17.61	19.19	20.78	22.36	23.94	25.52	27.10	28.68	25.3
37.1-39.0	41.8- 44.0	2.04	3.57	5.13	6.71	8.31	9.91	11.51	13.12	14.72	16.33	17.94	19.55	21.16	22.77	24.38	25.99	27.61	29.22	25.9
39.1-41.0	44.1- 46.3	2.07	3.61	5.20	6.81	8.43	10.06	11.69	13.32	14.95	16.59	18.23	19.86	21.50	23.14	24.77	26.41	28.05	29.69	26.5
41.1-43.0	46.4- 48.6	2.09	3.66	5.27	6.90	8.54	10.19	11.85	13.50	15.16	16.82	18.48	20.14	21.80	23.46	25.12	26.78	28.44	30.10	27.1
43.1-45.0	48.7- 50.9	2.11	3.69	5.32	6.98	8.64	10.31	11.98	13.66	15.34	17.02	18.70	20.38	22.06	23.74	25.42	27.11	28.79	30.47	27.6
45.1-47.0	51.0- 53.2	2.12	3.72	5.37	7.04	8.73	10.41	12.11	13.80	15.50	17.20	18.90	20.59	22.30	24.00	25.70	27.40	29.10	30.80	28.0
47.1-49.0	53.4- 55.5	2.13	3.75	5.41	7.10	8.80	10.51	12.22	13.93	15.64	17.36	19.07	20.79	22.51	24.22	25.94	27.66	29.38	31.10	28.5
49.1-51.0	55.7- 57.9	2.14	3.77	5.45	7.15	8.87	10.59	12.31	14.04	15.77	17.50	19.23	20.96	22.70	24.43	26.16	27.90	29.63	31.36	28.9
51.1-53.0	58.0- 60.2	2.15	3.79	5.48	7.20	8.93	10.66	12.40	14.14	15.88	17.63	19.37	21.12	22.87	24.61	26.36	28.11	29.86	31.60	29.2
53.1-55.0	60.3- 62.5	2.15	3.80	5.51	7.24	8.98	10.73	12.48	14.23	15.99	17.75	19.50	21.26	23.02	24.78	26.54	28.30	30.06	31.82	29.6
55.1-57.0	62.6- 64.8	2.16	3.82	5.53	7.27	9.02	10.78	12.55	14.31	16.08	17.85	19.62	21.39	23.16	24.94	26.71	28.48	30.25	32.02	29.9
57.1-59.0	65.0- 67.2	2.16	3.83	5.55	7.30	9.07	10.84	12.61	14.39	16.17	17.95	19.73	21.51	23.29	25.08	26.86	28.64	30.42	32.21	30.1
59.1-61.0	67.3- 69.5	2.16	3.84	5.57	7.33	9.10	10.88	12.67	14.46	16.24	18.04	19.83	21.62	23.41	25.20	27.00	28.79	30.58	32.38	30.4
61.1-63.0	69.6- 71.8	2.16	3.84	5.58	7.35	9.14	10.93	12.72	14.52	16.32	18.12	19.92	21.72	23.52	25.32	27.12	28.93	30.73	32.53	30.6
63.1-65.0	71.9- 74.2	2.16	3.85	5.60	7.37	9.16	10.96	12.77	14.57	16.38	18.19	20.00	21.81	23.62	25.43	27.24	29.05	30.86	32.67	30.8
65.1-67.0	74.3- 76.5	2.16	3.85	5.61	7.39	9.19	11.00	12.81	14.62	16.44	18.26	20.07	21.89	23.71	25.53	27.35	29.17	30.98	32.80	31.0
67.1-69.0	76.6- 78.9	2.16	3.85	5.62	7.41	9.21	11.03	12.85	14.67	16.49	18.32	20.14	21.97	23.79	25.62	27.45	29.27	31.10	32.93	31.2
69.1-71.0	79.0- 81.2	2.16	3.86	5.62	7.42	9.24	11.06	12.88	14.71	16.54	18.37	20.21	22.04	23.87	25.70	27.54	29.37	31.20	33.04	31.4
71.1-73.0	81.3- 83.6	2.15	3.86	5.63	7.43	9.25	11.08	12.91	14.75	16.59	18.42	20.26	22.10	23.94	25.78	27.62	29.46	31.30	33.14	31.5
73.1-75.0	83.7- 85.9	2.15	3.86	5.63	7.44	9.27	11.10	12.94	14.78	16.63	18.47	20.32	22.16	24.01	25.86	27.70	29.55	31.39	33.24	31.7
75.1-77.0	86.0- 88.3	2.15	3.85	5.64	7.45	9.28	11.12	12.97	14.82	16.67	18.52	20.37	22.22	24.07	25.92	27.77	29.63	31.48	33.33	31.8
77.1-79.0	88.4- 90.6	2.14	3.85	5.64	7.46	9.30	11.14	12.99	14.85	16.70	18.56	20.41	22.27	24.13	25.99	27.84	29.70	31.56	33.42	31.9
79.1-81.0	90.7- 93.0	2.14	3.85	5.64	7.47	9.31	11.16	13.01	14.87	16.73	18.59	20.46	22.32	24.18	26.04	27.91	29.77	31.63	33.49	32.0

Table 52. Merchantable length (m) from 0.30 m stump height to 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.8- 18.9	0.17	0.29	0.40	0.51	0.61	0.72	0.82	0.92	1.02	1.13	1.23	1.33	1.43	1.54	1.64	1.74	1.85	1.95	15.0
17.1-19.0	19.0- 21.2	0.57	0.99	1.41	1.83	2.24	2.66	3.08	3.49	3.91	4.33	4.74	5.16	5.57	5.99	6.41	6.82	7.24	7.65	16.4
19.1-21.0	21.3- 23.4	0.88	1.56	2.25	2.95	3.66	4.37	5.08	5.80	6.51	7.23	7.95	8.66	9.38	10.10	10.82	11.54	12.26	12.98	17.7
21.1-23.0	23.6- 25.7	1.12	1.98	2.86	3.76	4.66	5.57	6.48	7.40	8.31	9.23	10.15	11.07	11.99	12.91	13.83	14.75	15.67	16.59	18.9
23.1-25.0	25.8- 28.0	1.30	2.29	3.31	4.35	5.40	6.45	7.51	8.56	9.62	10.68	11.75	12.81	13.87	14.94	16.00	17.07	18.13	19.20	20.1
25.1-27.0	28.1- 30.3	1.44	2.53	3.66	4.81	5.96	7.12	8.29	9.45	10.62	11.79	12.97	14.14	15.31	16.48	17.66	18.83	20.01	21.18	21.1
27.1-29.0	30.4- 32.6	1.55	2.72	3.94	5.17	6.41	7.66	8.91	10.16	11.42	12.67	13.93	15.19	16.45	17.71	18.97	20.23	21.49	22.75	22.1
29.1-31.0	32.7- 34.8	1.64	2.88	4.16	5.46	6.77	8.09	9.41	10.73	12.06	13.39	14.71	16.04	17.37	18.70	20.03	21.37	22.70	24.03	23.0
31.1-33.0	35.0- 37.1	1.71	3.00	4.34	5.70	7.07	8.45	9.83	11.21	12.59	13.98	15.37	16.75	18.14	19.53	20.92	22.31	23.70	25.09	23.8
33.1-35.0	37.2- 39.4	1.77	3.11	4.50	5.90	7.32	8.75	10.18	11.61	13.04	14.48	15.91	17.35	18.79	20.23	21.67	23.11	24.55	25.99	24.6
35.1-37.0	39.5- 41.7	1.82	3.20	4.62	6.07	7.53	9.00	10.47	11.95	13.43	14.90	16.38	17.86	19.35	20.83	22.31	23.79	25.28	26.76	25.3
37.1-39.0	41.8- 44.0	1.86	3.27	4.73	6.22	7.72	9.22	10.73	12.24	13.76	15.27	16.79	18.31	19.83	21.34	22.86	24.38	25.90	27.42	25.9
39.1-41.0	44.1- 46.3	1.89	3.33	4.83	6.35	7.87	9.41	10.95	12.50	14.04	15.59	17.14	18.69	20.24	21.80	23.35	24.90	26.45	28.01	26.5
41.1-43.0	46.4- 48.6	1.92	3.39	4.91	6.45	8.01	9.58	11.15	12.72	14.30	15.87	17.45	19.03	20.61	22.19	23.77	25.35	26.94	28.52	27.1
43.1-45.0	48.7- 50.9	1.94	3.43	4.98	6.55	8.13	9.72	11.32	12.92	14.52	16.12	17.73	19.33	20.94	22.54	24.15	25.76	27.37	28.97	27.6
45.1-47.0	51.0- 53.2	1.96	3.47	5.04	6.63	8.24	9.85	11.47	13.09	14.72	16.34	17.97	19.60	21.23	22.86	24.49	26.12	27.75	29.38	28.0
47.1-49.0	53.4- 55.5	1.98	3.51	5.09	6.71	8.33	9.97	11.61	13.25	14.89	16.54	18.19	19.84	21.49	23.14	24.79	26.44	28.09	29.74	28.5
49.1-51.0	55.7- 57.9	1.99	3.54	5.14	6.77	8.42	10.07	11.73	13.39	15.05	16.72	18.38	20.05	21.72	23.39	25.06	26.73	28.40	30.07	28.9
51.1-53.0	58.0- 60.2	2.01	3.56	5.18	6.83	8.49	10.16	11.83	13.51	15.19	16.88	18.56	20.25	21.93	23.62	25.30	26.99	28.68	30.37	29.2
53.1-55.0	60.3- 62.5	2.01	3.58	5.22	6.88	8.56	10.24	11.93	13.63	15.32	17.02	18.72	20.42	22.12	23.82	25.53	27.23	28.93	30.64	29.6
55.1-57.0	62.6- 64.8	2.02	3.60	5.25	6.92	8.61	10.31	12.02	13.73	15.44	17.15	18.87	20.58	22.30	24.01	25.73	27.45	29.16	30.88	29.9
57.1-59.0	65.0- 67.2	2.03	3.62	5.28	6.96	8.67	10.38	12.10	13.82	15.54	17.27	19.00	20.73	22.45	24.18	25.91	27.64	29.38	31.11	30.1
59.1-61.0	67.3- 69.5	2.03	3.63	5.30	7.00	8.72	10.44	12.17	13.90	15.64	17.38	19.12	20.86	22.60	24.34	26.08	27.83	29.57	31.31	30.4
61.1-63.0	69.6- 71.8	2.04	3.64	5.32	7.03	8.76	10.49	12.24	13.98	15.73	17.48	19.23	20.98	22.73	24.49	26.24	27.99	29.75	31.50	30.6
63.1-65.0	71.9- 74.2	2.04	3.65	5.34	7.06	8.80	10.54	12.29	14.05	15.81	17.57	19.33	21.09	22.86	24.62	26.38	28.15	29.91	31.68	30.8
65.1-67.0	74.3- 76.5	2.04	3.66	5.36	7.08	8.83	10.59	12.35	14.11	15.88	17.65	19.42	21.19	22.97	24.74	26.51	28.29	30.06	31.84	31.0
67.1-69.0	76.6- 78.9	2.04	3.67	5.37	7.11	8.86	10.63	12.40	14.17	15.95	17.73	19.51	21.29	23.07	24.85	26.64	28.42	30.20	31.99	31.2
69.1-71.0	79.0- 81.2	2.04	3.67	5.38	7.13	8.89	10.66	12.44	14.22	16.01	17.80	19.59	21.38	23.17	24.96	26.75	28.54	30.33	32.13	31.4
71.1-73.0	81.3- 83.6	2.04	3.68	5.39	7.14	8.91	10.69	12.48	14.27	16.07	17.86	19.66	21.46	23.26	25.06	26.85	28.65	30.45	32.25	31.5
73.1-75.0	83.7- 85.9	2.04	3.68	5.40	7.16	8.94	10.72	12.52	14.32	16.12	17.92	19.73	21.53	23.34	25.15	26.95	28.76	30.57	32.37	31.7
75.1-77.0	86.0- 88.3	2.04	3.68	5.41	7.17	8.96	10.75	12.55	14.36	16.17	17.98	19.79	21.60	23.41	25.23	27.04	28.86	30.67	32.49	31.8
77.1-79.0	88.4- 90.6	2.03	3.68	5.41	7.18	8.97	10.78	12.58	14.40	16.21	18.03	19.85	21.67	23.49	25.31	27.13	28.95	30.77	32.59	31.9
79.1-81.0	90.7- 93.0	2.03	3.68	5.42	7.19	8.99	10.80	12.61	14.43	16.25	18.08	19.90	21.73	23.55	25.38	27.21	29.03	30.86	32.69	32.0

12.0 NUMBER OF TREES PER CUBIC METRE OF MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 2, 15, 16

Table 53. Trees/m^3 of merchantable volume at 0.30 m stump height and 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	6.3- 8.2	679.303	387.533	270.960	208.170	168.924	142.077	122.561	107.737	96.098	86.718	78.998	72.535	67.045	62.325	58.222	54.625	51.444	48.612	5.9
7.1- 9.0	8.3- 10.3	193.933	111.718	78.068	59.878	48.514	40.753	35.120	30.848	27.498	24.801	22.584	20.729	19.155	17.801	16.626	15.596	14.685	13.875	8.0
9.1-11.0	10.4- 12.4	112.817	65.143	45.566	34.966	28.338	23.809	20.520	18.025	16.069	14.493	13.198	12.114	11.194	10.403	9.716	9.114	8.582	8.108	10.2
11.1-13.0	12.6- 14.6	77.198	44.466	31.057	23.808	19.280	16.188	13.945	12.245	10.911	9.839	8.957	8.219	7.594	7.056	6.589	6.180	5.818	5.496	12.3
13.1-15.0	14.7- 16.7	57.152	32.808	22.871	17.508	14.163	11.882	10.229	8.977	7.996	7.207	6.559	6.017	5.557	5.163	4.820	4.520	4.255	4.019	14.3
15.1-17.0	16.8- 18.9	44.416	25.417	17.686	13.521	10.926	9.159	7.879	6.911	6.153	5.543	5.043	4.625	4.270	3.966	3.702	3.471	3.267	3.085	16.1
17.1-19.0	19.0- 21.1	35.697	20.376	14.156	10.810	8.727	7.310	6.284	5.509	4.902	4.415	4.015	3.681	3.398	3.155	2.944	2.760	2.597	2.452	17.8
19.1-21.0	21.2- 23.3	29.408	16.757	11.629	8.871	7.156	5.989	5.146	4.509	4.010	3.610	3.282	3.008	2.776	2.577	2.405	2.254	2.120	2.002	19.4
21.1-23.0	23.4- 25.6	24.694	14.057	9.748	7.430	5.990	5.010	4.303	3.768	3.350	3.015	2.740	2.510	2.316	2.150	2.005	1.879	1.767	1.668	20.8
23.1-25.0	25.7- 27.8	21.051	11.980	8.305	6.328	5.098	4.262	3.658	3.202	2.846	2.560	2.326	2.131	1.966	1.824	1.701	1.594	1.499	1.415	22.1
25.1-27.0	28.0- 30.1	18.168	10.345	7.172	5.463	4.400	3.677	3.155	2.760	2.452	2.206	2.003	1.835	1.692	1.570	1.464	1.371	1.289	1.217	23.2
27.1-29.0	30.2- 32.4	15.840	9.030	6.263	4.770	3.841	3.209	2.752	2.408	2.138	1.923	1.746	1.598	1.474	1.367	1.274	1.194	1.122	1.059	24.2
29.1-31.0	32.5- 34.7	13.929	7.954	5.522	4.207	3.387	2.829	2.426	2.121	1.883	1.693	1.537	1.407	1.297	1.203	1.121	1.050	0.987	0.931	25.1
31.1-33.0	34.9- 37.1	12.338	7.062	4.908	3.741	3.012	2.515	2.156	1.885	1.674	1.504	1.365	1.249	1.152	1.068	0.995	0.932	0.876	0.826	26.0
33.1-35.0	37.2- 39.5	10.997	6.313	4.394	3.351	2.698	2.253	1.931	1.688	1.499	1.347	1.222	1.118	1.030	0.955	0.890	0.833	0.783	0.739	26.7
35.1-37.0	39.6- 41.8	9.855	5.676	3.958	3.021	2.433	2.032	1.742	1.522	1.351	1.214	1.101	1.008	0.928	0.860	0.802	0.750	0.705	0.665	27.3
37.1-39.0	42.0- 44.2	8.873	5.130	3.585	2.738	2.207	1.843	1.580	1.381	1.225	1.101	0.998	0.913	0.841	0.780	0.727	0.680	0.639	0.602	27.9
39.1-41.0	44.4- 46.7	8.023	4.658	3.262	2.495	2.012	1.681	1.441	1.259	1.117	1.003	0.910	0.833	0.767	0.711	0.662	0.619	0.582	0.549	28.4
41.1-43.0	46.8- 49.1	7.281	4.247	2.982	2.284	1.842	1.540	1.320	1.154	1.024	0.919	0.834	0.763	0.702	0.651	0.606	0.567	0.533	0.502	28.8
43.1-45.0	49.2- 51.6	6.629	3.886	2.736	2.098	1.694	1.417	1.215	1.062	0.942	0.846	0.767	0.702	0.646	0.599	0.557	0.522	0.490	0.462	29.2
45.1-47.0	51.7- 54.1	6.054	3.567	2.519	1.935	1.564	1.308	1.122	0.981	0.870	0.781	0.709	0.648	0.597	0.553	0.515	0.482	0.452	0.426	29.6
47.1-49.0	54.2- 56.6	5.543	3.284	2.327	1.791	1.449	1.212	1.040	0.909	0.807	0.724	0.657	0.601	0.553	0.512	0.477	0.446	0.419	0.395	29.9
49.1-51.0	56.7- 59.1	5.088	3.032	2.156	1.662	1.346	1.127	0.967	0.846	0.750	0.674	0.611	0.559	0.515	0.477	0.444	0.415	0.390	0.367	30.1
51.1-53.0	59.2- 61.7	4.680	2.806	2.002	1.547	1.254	1.051	0.902	0.789	0.700	0.629	0.570	0.521	0.480	0.445	0.414	0.387	0.364	0.343	30.4
53.1-55.0	61.8- 64.2	4.313	2.602	1.864	1.443	1.171	0.982	0.844	0.738	0.655	0.588	0.534	0.488	0.449	0.416	0.387	0.362	0.340	0.321	30.6
55.1-57.0	64.4- 66.8	3.983	2.418	1.739	1.349	1.097	0.921	0.791	0.692	0.614	0.552	0.501	0.458	0.421	0.390	0.363	0.340	0.319	0.301	30.8
57.1-59.0	67.0- 69.4	3.684	2.252	1.626	1.265	1.029	0.865	0.743	0.651	0.578	0.519	0.471	0.430	0.396	0.367	0.342	0.320	0.300	0.283	30.9
59.1-61.0	69.6- 72.1	3.412	2.100	1.523	1.187	0.968	0.814	0.700	0.613	0.544	0.489	0.444	0.406	0.374	0.346	0.322	0.301	0.283	0.266	31.1
61.1-63.0	72.2- 74.7	3.165	1.962	1.429	1.117	0.912	0.767	0.661	0.579	0.514	0.462	0.419	0.383	0.353	0.327	0.304	0.284	0.267	0.252	31.2
63.1-65.0	74.9- 77.4	2.940	1.836	1.343	1.052	0.861	0.725	0.625	0.547	0.486	0.437	0.397	0.363	0.334	0.309	0.288	0.269	0.253	0.238	31.3
65.1-67.0	77.5- 80.1	2.735	1.720	1.264	0.993	0.814	0.686	0.591	0.519	0.461	0.414	0.376	0.344	0.317	0.293	0.273	0.255	0.240	0.226	31.4
67.1-69.0	80.2- 82.8	2.546	1.613	1.191	0.939	0.770	0.650	0.561	0.492	0.438	0.393	0.357	0.327	0.301	0.279	0.259	0.242	0.228	0.214	31.5
69.1-71.0	82.9- 85.5	2.373	1.515	1.124	0.888	0.730	0.617	0.533	0.468	0.416	0.374	0.340	0.311	0.286	0.265	0.247	0.231	0.217	0.204	31.5
71.1-73.0	85.7- 88.3	2.214	1.424	1.062	0.842	0.693	0.587	0.507	0.445	0.396	0.356	0.324	0.296	0.273	0.253	0.235	0.220	0.206	0.194	31.6
73.1-75.0	88.4- 91.1	2.068	1.340	1.004	0.799	0.659	0.559	0.483	0.424	0.378	0.340	0.309	0.282	0.260	0.241	0.224	0.210	0.197	0.186	31.7
75.1-77.0	91.2- 93.9	1.933	1.263	0.951	0.759	0.627	0.532	0.461	0.405	0.361	0.325	0.295	0.270	0.249	0.230	0.214	0.201	0.188	0.177	31.7
77.1-79.0	94.0- 96.7	1.808	1.191	0.901	0.721	0.598	0.508	0.440	0.387	0.345	0.311	0.282	0.258	0.238	0.220	0.205	0.192	0.180	0.170	31.8
79.1-81.0	96.8- 99.5	1.692	1.124	0.855	0.687	0.570	0.485	0.421	0.370	0.330	0.297	0.270	0.247	0.228	0.211	0.197	0.184	0.173	0.163	31.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 54. Trees/m^3 of merchantable volume at 0.30 m stump height and 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	8.3- 10.3	546.960	322.557	233.226	184.210	152.872	130.953	114.690	102.106	92.061	83.846	76.995	71.191	66.209	61.883	58.092	54.740	51.756	49.081	8.0
9.1-11.0	10.4- 12.4	151.580	85.790	59.372	45.243	36.484	30.537	26.242	22.997	20.461	18.425	16.755	15.361	14.180	13.166	12.287	11.518	10.839	10.235	10.2
11.1-13.0	12.6- 14.6	89.211	50.668	35.122	26.791	21.621	18.108	15.568	13.649	12.147	10.942	9.952	9.126	8.426	7.825	7.304	6.847	6.444	6.085	12.3
13.1-15.0	14.7- 16.7	62.314	35.420	24.559	18.735	15.119	12.661	10.885	9.542	8.491	7.648	6.956	6.378	5.888	5.468	5.103	4.784	4.502	4.252	14.3
15.1-17.0	16.8- 18.9	47.050	26.730	18.525	14.125	11.394	9.538	8.197	7.183	6.391	5.755	5.233	4.797	4.428	4.111	3.837	3.596	3.384	3.195	16.1
17.1-19.0	19.0- 21.1	37.195	21.114	14.624	11.144	8.984	7.517	6.457	5.656	5.031	4.529	4.117	3.773	3.482	3.233	3.016	2.827	2.660	2.511	17.8
19.1-21.0	21.2- 23.3	30.328	17.207	11.911	9.071	7.309	6.112	5.248	4.596	4.086	3.677	3.342	3.062	2.825	2.622	2.446	2.292	2.156	2.035	19.4
21.1-23.0	23.4- 25.6	25.291	14.347	9.929	7.559	6.087	5.088	4.367	3.822	3.397	3.056	2.777	2.544	2.347	2.178	2.031	1.903	1.790	1.689	20.8
23.1-25.0	25.7- 27.8	21.456	12.177	8.428	6.414	5.163	4.314	3.701	3.239	2.877	2.588	2.351	2.153	1.986	1.842	1.718	1.609	1.513	1.428	22.1
25.1-27.0	28.0- 30.1	18.452	10.483	7.258	5.523	4.445	3.713	3.184	2.785	2.474	2.224	2.020	1.850	1.705	1.582	1.475	1.381	1.299	1.226	23.2
27.1-29.0	30.2- 32.4	16.045	9.130	6.325	4.814	3.874	3.235	2.773	2.425	2.154	1.936	1.758	1.609	1.483	1.376	1.282	1.201	1.129	1.065	24.2
29.1-31.0	32.5- 34.7	14.080	8.029	5.568	4.239	3.411	2.848	2.441	2.134	1.895	1.703	1.546	1.415	1.304	1.209	1.127	1.055	0.992	0.936	25.1
31.1-33.0	34.9- 37.1	12.452	7.118	4.943	3.765	3.030	2.529	2.168	1.895	1.682	1.511	1.372	1.255	1.157	1.072	0.999	0.936	0.879	0.829	26.0
33.1-35.0	37.2- 39.5	11.084	6.356	4.421	3.369	2.712	2.264	1.940	1.696	1.505	1.352	1.227	1.123	1.034	0.959	0.893	0.836	0.786	0.741	26.7
35.1-37.0	39.6- 41.8	9.922	5.710	3.979	3.035	2.444	2.041	1.749	1.528	1.356	1.218	1.105	1.011	0.931	0.863	0.804	0.753	0.707	0.667	27.3
37.1-39.0	42.0- 44.2	8.926	5.157	3.602	2.750	2.216	1.850	1.586	1.385	1.229	1.104	1.001	0.916	0.844	0.782	0.729	0.682	0.641	0.604	27.9
39.1-41.0	44.4- 46.7	8.065	4.680	3.276	2.505	2.019	1.686	1.445	1.263	1.120	1.006	0.913	0.835	0.769	0.712	0.664	0.621	0.583	0.550	28.4
41.1-43.0	46.8- 49.1	7.315	4.264	2.993	2.291	1.848	1.544	1.324	1.157	1.026	0.922	0.836	0.764	0.704	0.652	0.607	0.568	0.534	0.503	28.8
43.1-45.0	49.2- 51.6	6.656	3.900	2.745	2.105	1.699	1.420	1.218	1.064	0.944	0.848	0.769	0.703	0.647	0.600	0.559	0.523	0.491	0.463	29.2
45.1-47.0	51.7- 54.1	6.076	3.579	2.527	1.941	1.568	1.311	1.125	0.983	0.872	0.783	0.710	0.649	0.598	0.554	0.516	0.482	0.453	0.427	29.6
47.1-49.0	54.2- 56.6	5.561	3.294	2.334	1.795	1.452	1.215	1.042	0.911	0.808	0.726	0.658	0.602	0.554	0.513	0.478	0.447	0.420	0.396	29.9
49.1-51.0	56.7- 59.1	5.103	3.040	2.161	1.666	1.349	1.129	0.969	0.847	0.752	0.675	0.612	0.560	0.515	0.477	0.444	0.416	0.390	0.368	30.1
51.1-53.0	59.2- 61.7	4.692	2.813	2.007	1.550	1.257	1.053	0.904	0.790	0.701	0.630	0.571	0.522	0.481	0.445	0.415	0.388	0.364	0.343	30.4
53.1-55.0	61.8- 64.2	4.324	2.608	1.868	1.446	1.174	0.984	0.845	0.739	0.656	0.589	0.534	0.489	0.450	0.417	0.388	0.363	0.341	0.321	30.6
55.1-57.0	64.4- 66.8	3.991	2.424	1.743	1.352	1.099	0.922	0.792	0.693	0.615	0.553	0.501	0.458	0.422	0.391	0.364	0.340	0.319	0.301	30.8
57.1-59.0	67.0- 69.4	3.691	2.256	1.629	1.267	1.031	0.866	0.744	0.652	0.579	0.520	0.471	0.431	0.397	0.367	0.342	0.320	0.300	0.283	30.9
59.1-61.0	69.6- 72.1	3.418	2.104	1.525	1.189	0.969	0.815	0.701	0.614	0.545	0.490	0.444	0.406	0.374	0.346	0.322	0.301	0.283	0.267	31.1
61.1-63.0	72.2- 74.7	3.171	1.965	1.431	1.119	0.913	0.769	0.661	0.579	0.515	0.462	0.420	0.384	0.353	0.327	0.304	0.285	0.267	0.252	31.2
63.1-65.0	74.9- 77.4	2.945	1.838	1.345	1.054	0.862	0.726	0.625	0.548	0.487	0.438	0.397	0.363	0.334	0.310	0.288	0.269	0.253	0.238	31.3
65.1-67.0	77.5- 80.1	2.738	1.722	1.266	0.995	0.815	0.687	0.592	0.519	0.461	0.415	0.376	0.344	0.317	0.294	0.273	0.256	0.240	0.226	31.4
67.1-69.0	80.2- 82.8	2.549	1.615	1.193	0.940	0.771	0.651	0.562	0.493	0.438	0.394	0.357	0.327	0.301	0.279	0.260	0.243	0.228	0.215	31.5
69.1-71.0	82.9- 85.5	2.376	1.517	1.125	0.890	0.731	0.618	0.534	0.468	0.417	0.375	0.340	0.311	0.286	0.265	0.247	0.231	0.217	0.204	31.5
71.1-73.0	85.7- 88.3	2.217	1.426	1.063	0.843	0.694	0.588	0.508	0.446	0.397	0.357	0.324	0.296	0.273	0.253	0.235	0.220	0.207	0.195	31.6
73.1-75.0	88.4- 91.1	2.070	1.342	1.005	0.800	0.660	0.559	0.484	0.425	0.378	0.340	0.309	0.283	0.260	0.241	0.225	0.210	0.197	0.186	31.7
75.1-77.0	91.2- 93.9	1.934	1.264	0.952	0.760	0.628	0.533	0.461	0.405	0.361	0.325	0.295	0.270	0.249	0.230	0.215	0.201	0.188	0.177	31.7
77.1-79.0	94.0- 96.7	1.809	1.192	0.902	0.722	0.598	0.508	0.440	0.387	0.345	0.311	0.282	0.258	0.238	0.221	0.205	0.192	0.180	0.170	31.8
79.1-81.0	96.8- 99.5	1.694	1.125	0.856	0.687	0.571	0.486	0.421	0.371	0.330	0.298	0.270	0.247	0.228	0.211	0.197	0.184	0.173	0.163	31.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 55. Trees/m^3 of merchantable volume at 0.30 m stump height and 10.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m)																	
		3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.6- 14.6	175.720	102.063	72.387	56.197	45.961	38.892	33.712	29.750	26.622	24.089	21.996	20.237	18.738	17.445	16.319	15.329	14.453	13.670	12.3
13.1-15.0	14.7- 16.7	85.939	48.413	33.390	25.361	20.391	17.023	14.596	12.766	11.339	10.196	9.260	8.480	7.820	7.254	6.764	6.336	5.959	5.623	14.3
15.1-17.0	16.8- 18.9	56.957	32.019	22.043	16.724	13.438	11.215	9.614	8.408	7.468	6.715	6.098	5.584	5.150	4.778	4.455	4.173	3.925	3.704	16.1
17.1-19.0	19.0- 21.1	42.245	23.768	16.368	12.421	9.981	8.330	7.142	6.246	5.548	4.988	4.530	4.149	3.826	3.549	3.310	3.100	2.916	2.752	17.8
19.1-21.0	21.2- 23.3	33.216	18.710	12.892	9.785	7.863	6.562	5.625	4.919	4.369	3.928	3.567	3.267	3.012	2.794	2.605	2.440	2.295	2.166	19.4
21.1-23.0	23.4- 25.6	27.076	15.271	10.529	7.992	6.423	5.360	4.594	4.017	3.567	3.206	2.911	2.665	2.458	2.280	2.125	1.990	1.872	1.766	20.8
23.1-25.0	25.7- 27.8	22.622	12.780	8.817	6.694	5.379	4.488	3.846	3.362	2.985	2.683	2.436	2.230	2.056	1.906	1.777	1.664	1.565	1.476	22.1
25.1-27.0	28.0- 30.1	19.247	10.894	7.523	5.713	4.591	3.830	3.282	2.868	2.546	2.288	2.077	1.901	1.752	1.625	1.514	1.418	1.333	1.258	23.2
27.1-29.0	30.2- 32.4	16.605	9.420	6.512	4.948	3.976	3.317	2.842	2.483	2.204	1.980	1.797	1.644	1.516	1.405	1.310	1.226	1.152	1.087	24.2
29.1-31.0	32.5- 34.7	14.486	8.240	5.704	4.336	3.485	2.907	2.490	2.176	1.931	1.734	1.574	1.440	1.327	1.230	1.146	1.073	1.009	0.951	25.1
31.1-33.0	34.9- 37.1	12.752	7.276	5.045	3.838	3.085	2.574	2.204	1.926	1.709	1.535	1.392	1.274	1.174	1.088	1.014	0.949	0.892	0.841	26.0
33.1-35.0	37.2- 39.5	11.310	6.476	4.499	3.425	2.755	2.298	1.968	1.719	1.525	1.370	1.243	1.137	1.047	0.970	0.904	0.846	0.795	0.750	26.7
35.1-37.0	39.6- 41.8	10.096	5.803	4.039	3.079	2.477	2.067	1.770	1.546	1.372	1.232	1.117	1.022	0.941	0.872	0.812	0.760	0.714	0.674	27.3
37.1-39.0	42.0- 44.2	9.061	5.230	3.649	2.784	2.242	1.871	1.602	1.400	1.242	1.115	1.011	0.925	0.851	0.789	0.735	0.688	0.646	0.609	27.9
39.1-41.0	44.4- 46.7	8.171	4.738	3.314	2.532	2.040	1.703	1.459	1.274	1.130	1.015	0.920	0.841	0.775	0.718	0.669	0.626	0.588	0.554	28.4
41.1-43.0	46.8- 49.1	7.399	4.311	3.024	2.314	1.865	1.558	1.335	1.166	1.034	0.928	0.842	0.770	0.709	0.657	0.611	0.572	0.537	0.507	28.8
43.1-45.0	49.2- 51.6	6.724	3.938	2.771	2.123	1.713	1.431	1.227	1.072	0.951	0.853	0.774	0.707	0.651	0.603	0.562	0.526	0.494	0.465	29.2
45.1-47.0	51.7- 54.1	6.130	3.610	2.548	1.956	1.580	1.321	1.132	0.989	0.877	0.788	0.714	0.653	0.601	0.557	0.518	0.485	0.455	0.429	29.6
47.1-49.0	54.2- 56.6	5.605	3.320	2.351	1.808	1.462	1.223	1.049	0.916	0.813	0.730	0.662	0.605	0.557	0.516	0.480	0.449	0.422	0.398	29.9
49.1-51.0	56.7- 59.1	5.139	3.062	2.176	1.677	1.357	1.136	0.974	0.852	0.756	0.678	0.615	0.562	0.518	0.479	0.446	0.417	0.392	0.369	30.1
51.1-53.0	59.2- 61.7	4.722	2.831	2.019	1.559	1.264	1.058	0.908	0.794	0.705	0.633	0.574	0.524	0.483	0.447	0.416	0.389	0.365	0.344	30.4
53.1-55.0	61.8- 64.2	4.348	2.623	1.878	1.454	1.180	0.989	0.849	0.743	0.659	0.592	0.536	0.490	0.451	0.418	0.389	0.364	0.342	0.322	30.6
55.1-57.0	64.4- 66.8	4.012	2.436	1.752	1.359	1.104	0.926	0.796	0.696	0.618	0.555	0.503	0.460	0.423	0.392	0.365	0.341	0.320	0.302	30.8
57.1-59.0	67.0- 69.4	3.708	2.267	1.637	1.273	1.036	0.870	0.747	0.654	0.581	0.522	0.473	0.432	0.398	0.369	0.343	0.321	0.301	0.284	30.9
59.1-61.0	69.6- 72.1	3.433	2.113	1.532	1.194	0.973	0.818	0.704	0.616	0.547	0.491	0.446	0.407	0.375	0.347	0.323	0.302	0.284	0.267	31.1
61.1-63.0	72.2- 74.7	3.183	1.973	1.437	1.123	0.917	0.771	0.664	0.581	0.516	0.464	0.421	0.385	0.354	0.328	0.305	0.285	0.268	0.253	31.2
63.1-65.0	74.9- 77.4	2.955	1.845	1.350	1.058	0.865	0.728	0.627	0.550	0.488	0.439	0.398	0.364	0.335	0.310	0.289	0.270	0.254	0.239	31.3
65.1-67.0	77.5- 80.1	2.747	1.728	1.270	0.998	0.817	0.689	0.594	0.521	0.463	0.416	0.377	0.345	0.318	0.294	0.274	0.256	0.240	0.226	31.4
67.1-69.0	80.2- 82.8	2.557	1.620	1.196	0.943	0.774	0.653	0.563	0.494	0.439	0.395	0.358	0.328	0.302	0.279	0.260	0.243	0.228	0.215	31.5
69.1-71.0	82.9- 85.5	2.382	1.521	1.129	0.892	0.733	0.620	0.535	0.469	0.418	0.375	0.341	0.312	0.287	0.266	0.247	0.231	0.217	0.205	31.5
71.1-73.0	85.7- 88.3	2.222	1.430	1.066	0.845	0.696	0.589	0.509	0.447	0.398	0.358	0.325	0.297	0.273	0.253	0.236	0.220	0.207	0.195	31.6
73.1-75.0	88.4- 91.1	2.074	1.345	1.008	0.802	0.662	0.561	0.485	0.426	0.379	0.341	0.310	0.283	0.261	0.242	0.225	0.210	0.197	0.186	31.7
75.1-77.0	91.2- 93.9	1.938	1.267	0.954	0.761	0.630	0.534	0.462	0.406	0.362	0.326	0.296	0.271	0.249	0.231	0.215	0.201	0.189	0.178	31.7
77.1-79.0	94.0- 96.7	1.813	1.194	0.904	0.724	0.600	0.510	0.441	0.388	0.346	0.311	0.283	0.259	0.238	0.221	0.206	0.192	0.181	0.170	31.8
79.1-81.0	96.8- 99.5	1.697	1.127	0.858	0.689	0.572	0.487	0.422	0.371	0.331	0.298	0.271	0.248	0.228	0.212	0.197	0.184	0.173	0.163	31.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 56. Trees/m^3 of merchantable volume at 0.30 m stump height and 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.6- 14.6	323.077	208.104	163.641	138.597	121.656	108.967	98.883	90.573	83.561	77.544	72.318	67.733	63.677	60.064	56.827	53.910	51.269	48.868	12.3
13.1-15.0	14.7- 16.7	106.032	60.549	42.230	32.328	26.136	21.907	18.838	16.514	14.693	13.230	12.028	11.025	10.174	9.444	8.811	8.257	7.768	7.333	14.3
15.1-17.0	16.8- 18.9	63.594	35.790	24.654	18.703	15.022	12.530	10.736	9.384	8.330	7.487	6.797	6.222	5.736	5.320	4.959	4.644	4.366	4.120	16.1
17.1-19.0	19.0- 21.1	45.246	25.426	17.492	13.260	10.645	8.877	7.604	6.646	5.900	5.302	4.814	4.407	4.062	3.768	3.512	3.289	3.093	2.918	17.8
19.1-21.0	21.2- 23.3	34.815	19.580	13.475	10.216	8.202	6.840	5.859	5.121	4.546	4.086	3.709	3.395	3.130	2.903	2.706	2.534	2.383	2.248	19.4
21.1-23.0	23.4- 25.6	28.018	15.780	10.867	8.241	6.617	5.518	4.727	4.131	3.667	3.295	2.991	2.738	2.524	2.341	2.182	2.043	1.921	1.812	20.8
23.1-25.0	25.7- 27.8	23.218	13.100	9.029	6.850	5.500	4.587	3.929	3.433	3.047	2.738	2.485	2.274	2.096	1.944	1.812	1.696	1.595	1.505	22.1
25.1-27.0	28.0- 30.1	19.643	11.107	7.663	5.816	4.671	3.895	3.336	2.914	2.586	2.323	2.109	1.930	1.778	1.649	1.537	1.439	1.352	1.276	23.2
27.1-29.0	30.2- 32.4	16.879	9.568	6.610	5.019	4.031	3.361	2.879	2.515	2.231	2.004	1.819	1.664	1.533	1.421	1.325	1.240	1.166	1.099	24.2
29.1-31.0	32.5- 34.7	14.681	8.345	5.774	4.387	3.525	2.939	2.517	2.198	1.950	1.752	1.589	1.454	1.339	1.242	1.157	1.083	1.018	0.960	25.1
31.1-33.0	34.9- 37.1	12.894	7.354	5.096	3.875	3.114	2.597	2.224	1.942	1.723	1.547	1.403	1.284	1.183	1.096	1.021	0.956	0.898	0.847	26.0
33.1-35.0	37.2- 39.5	11.417	6.534	4.537	3.453	2.776	2.315	1.983	1.732	1.536	1.379	1.251	1.144	1.054	0.977	0.910	0.851	0.800	0.754	26.7
35.1-37.0	39.6- 41.8	10.176	5.847	4.069	3.100	2.494	2.080	1.781	1.556	1.380	1.239	1.123	1.027	0.946	0.877	0.817	0.764	0.718	0.677	27.3
37.1-39.0	42.0- 44.2	9.123	5.265	3.672	2.801	2.255	1.881	1.611	1.407	1.248	1.120	1.016	0.929	0.855	0.793	0.738	0.691	0.649	0.612	27.9
39.1-41.0	44.4- 46.7	8.219	4.765	3.333	2.545	2.050	1.711	1.466	1.280	1.135	1.019	0.924	0.845	0.778	0.721	0.671	0.628	0.590	0.556	28.4
41.1-43.0	46.8- 49.1	7.437	4.333	3.039	2.325	1.874	1.565	1.340	1.171	1.038	0.932	0.845	0.773	0.711	0.659	0.614	0.574	0.539	0.508	28.8
43.1-45.0	49.2- 51.6	6.754	3.956	2.783	2.132	1.720	1.437	1.231	1.076	0.954	0.856	0.776	0.710	0.653	0.605	0.564	0.527	0.495	0.467	29.2
45.1-47.0	51.7- 54.1	6.155	3.624	2.558	1.963	1.585	1.325	1.136	0.992	0.880	0.790	0.716	0.655	0.603	0.558	0.520	0.486	0.457	0.430	29.6
47.1-49.0	54.2- 56.6	5.625	3.332	2.359	1.814	1.466	1.227	1.052	0.919	0.815	0.732	0.663	0.606	0.558	0.517	0.481	0.450	0.423	0.398	29.9
49.1-51.0	56.7- 59.1	5.155	3.071	2.183	1.682	1.361	1.139	0.977	0.854	0.758	0.680	0.617	0.564	0.519	0.480	0.447	0.418	0.393	0.370	30.1
51.1-53.0	59.2- 61.7	4.735	2.839	2.025	1.564	1.267	1.061	0.911	0.796	0.706	0.634	0.575	0.525	0.484	0.448	0.417	0.390	0.366	0.345	30.4
53.1-55.0	61.8- 64.2	4.359	2.630	1.883	1.457	1.182	0.991	0.851	0.744	0.660	0.593	0.538	0.491	0.452	0.419	0.390	0.365	0.342	0.323	30.6
55.1-57.0	64.4- 66.8	4.021	2.442	1.756	1.362	1.106	0.928	0.797	0.697	0.619	0.556	0.504	0.461	0.424	0.393	0.366	0.342	0.321	0.302	30.8
57.1-59.0	67.0- 69.4	3.716	2.272	1.640	1.275	1.038	0.871	0.749	0.655	0.582	0.522	0.474	0.433	0.399	0.369	0.344	0.321	0.302	0.284	30.9
59.1-61.0	69.6- 72.1	3.439	2.117	1.535	1.197	0.975	0.820	0.705	0.617	0.548	0.492	0.446	0.408	0.376	0.348	0.324	0.303	0.284	0.268	31.1
61.1-63.0	72.2- 74.7	3.188	1.977	1.440	1.125	0.918	0.773	0.665	0.582	0.517	0.465	0.421	0.385	0.355	0.328	0.306	0.286	0.268	0.253	31.2
63.1-65.0	74.9- 77.4	2.960	1.848	1.352	1.060	0.866	0.730	0.628	0.551	0.489	0.439	0.399	0.364	0.336	0.311	0.289	0.270	0.254	0.239	31.3
65.1-67.0	77.5- 80.1	2.751	1.731	1.272	1.000	0.819	0.690	0.595	0.521	0.463	0.416	0.378	0.345	0.318	0.295	0.274	0.256	0.241	0.227	31.4
67.1-69.0	80.2- 82.8	2.560	1.623	1.198	0.944	0.775	0.654	0.564	0.495	0.440	0.395	0.359	0.328	0.302	0.280	0.260	0.243	0.229	0.215	31.5
69.1-71.0	82.9- 85.5	2.385	1.523	1.130	0.893	0.734	0.621	0.536	0.470	0.418	0.376	0.341	0.312	0.287	0.266	0.248	0.232	0.217	0.205	31.5
71.1-73.0	85.7- 88.3	2.224	1.431	1.067	0.846	0.697	0.590	0.510	0.447	0.398	0.358	0.325	0.297	0.274	0.254	0.236	0.221	0.207	0.195	31.6
73.1-75.0	88.4- 91.1	2.076	1.347	1.009	0.803	0.662	0.561	0.485	0.426	0.379	0.341	0.310	0.284	0.261	0.242	0.225	0.211	0.198	0.186	31.7
75.1-77.0	91.2- 93.9	1.940	1.268	0.955	0.762	0.630	0.535	0.463	0.407	0.362	0.326	0.296	0.271	0.249	0.231	0.215	0.201	0.189	0.178	31.7
77.1-79.0	94.0- 96.7	1.814	1.196	0.905	0.725	0.600	0.510	0.442	0.389	0.346	0.312	0.283	0.259	0.239	0.221	0.206	0.192	0.181	0.170	31.8
79.1-81.0	96.8- 99.5	1.698	1.128	0.859	0.690	0.573	0.487	0.422	0.372	0.331	0.298	0.271	0.248	0.229	0.212	0.197	0.184	0.173	0.163	31.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 57. Trees/m^3 of merchantable volume at 0.30 m stump height and 13.0 cm top dib .

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
13.1-15.0	14.7- 16.7	242.415	161.358	131.063	114.190	102.577	93.573	86.131	79.769	74.228	69.350	65.021	61.157	57.692	54.570	51.746	49.181	46.844	44.707	14.3
15.1-17.0	16.8- 18.9	90.156	52.427	37.131	28.762	23.465	19.809	17.132	15.088	13.477	12.175	11.100	10.198	9.431	8.771	8.196	7.692	7.245	6.848	16.1
17.1-19.0	19.0- 21.1	55.197	31.281	21.643	16.456	13.230	11.039	9.458	8.265	7.335	6.590	5.981	5.473	5.044	4.676	4.358	4.080	3.835	3.617	17.8
19.1-21.0	21.2- 23.3	39.632	22.332	15.378	11.654	9.349	7.788	6.665	5.820	5.162	4.636	4.205	3.847	3.545	3.286	3.062	2.866	2.694	2.541	19.4
21.1-23.0	23.4- 25.6	30.699	17.289	11.897	9.012	7.227	6.019	5.151	4.497	3.988	3.582	3.249	2.972	2.738	2.538	2.365	2.214	2.081	1.963	20.8
23.1-25.0	25.7- 27.8	24.849	14.011	9.647	7.309	5.862	4.882	4.178	3.648	3.235	2.905	2.635	2.410	2.221	2.058	1.918	1.795	1.687	1.591	22.1
25.1-27.0	28.0- 30.1	20.699	11.694	8.060	6.110	4.901	4.083	3.493	3.050	2.705	2.429	2.203	2.015	1.856	1.721	1.603	1.500	1.410	1.330	23.2
27.1-29.0	30.2- 32.4	17.595	9.966	6.878	5.217	4.186	3.487	2.984	2.605	2.310	2.074	1.881	1.721	1.585	1.469	1.369	1.281	1.204	1.135	24.2
29.1-31.0	32.5- 34.7	15.183	8.626	5.963	4.526	3.633	3.027	2.590	2.261	2.005	1.800	1.633	1.493	1.375	1.274	1.187	1.111	1.044	0.984	25.1
31.1-33.0	34.9- 37.1	13.257	7.557	5.233	3.976	3.193	2.661	2.277	1.988	1.762	1.582	1.435	1.312	1.208	1.120	1.043	0.976	0.917	0.865	26.0
33.1-35.0	37.2- 39.5	11.684	6.685	4.639	3.528	2.835	2.363	2.022	1.765	1.565	1.405	1.274	1.165	1.073	0.994	0.926	0.866	0.814	0.767	26.7
35.1-37.0	39.6- 41.8	10.378	5.962	4.147	3.158	2.538	2.116	1.811	1.581	1.402	1.258	1.141	1.043	0.961	0.890	0.829	0.775	0.728	0.687	27.3
37.1-39.0	42.0- 44.2	9.277	5.353	3.733	2.846	2.289	1.909	1.634	1.427	1.265	1.135	1.029	0.941	0.866	0.803	0.747	0.699	0.657	0.619	27.9
39.1-41.0	44.4- 46.7	8.339	4.835	3.380	2.581	2.078	1.733	1.484	1.296	1.149	1.031	0.935	0.854	0.787	0.729	0.678	0.635	0.596	0.562	28.4
41.1-43.0	46.8- 49.1	7.531	4.388	3.077	2.353	1.896	1.582	1.355	1.183	1.049	0.941	0.853	0.780	0.718	0.665	0.619	0.579	0.544	0.513	28.8
43.1-45.0	49.2- 51.6	6.829	4.000	2.813	2.155	1.738	1.451	1.243	1.086	0.963	0.864	0.783	0.716	0.659	0.610	0.568	0.531	0.499	0.470	29.2
45.1-47.0	51.7- 54.1	6.214	3.660	2.583	1.982	1.600	1.337	1.146	1.001	0.887	0.796	0.722	0.660	0.607	0.562	0.524	0.490	0.460	0.433	29.6
47.1-49.0	54.2- 56.6	5.673	3.361	2.380	1.830	1.479	1.236	1.060	0.926	0.821	0.737	0.668	0.611	0.562	0.520	0.484	0.453	0.425	0.401	29.9
49.1-51.0	56.7- 59.1	5.194	3.096	2.200	1.695	1.371	1.147	0.984	0.860	0.763	0.684	0.620	0.567	0.522	0.483	0.450	0.421	0.395	0.372	30.1
51.1-53.0	59.2- 61.7	4.767	2.859	2.039	1.574	1.275	1.068	0.916	0.801	0.710	0.638	0.578	0.528	0.486	0.450	0.419	0.392	0.368	0.347	30.4
53.1-55.0	61.8- 64.2	4.386	2.647	1.895	1.467	1.190	0.997	0.856	0.748	0.664	0.596	0.540	0.494	0.455	0.421	0.392	0.366	0.344	0.324	30.6
55.1-57.0	64.4- 66.8	4.043	2.456	1.766	1.370	1.113	0.933	0.802	0.701	0.622	0.559	0.506	0.463	0.426	0.394	0.367	0.343	0.322	0.304	30.8
57.1-59.0	67.0- 69.4	3.734	2.284	1.649	1.282	1.043	0.876	0.752	0.658	0.584	0.525	0.476	0.435	0.400	0.371	0.345	0.323	0.303	0.285	30.9
59.1-61.0	69.6- 72.1	3.454	2.128	1.543	1.203	0.980	0.823	0.708	0.620	0.550	0.494	0.448	0.410	0.377	0.349	0.325	0.304	0.285	0.269	31.1
61.1-63.0	72.2- 74.7	3.201	1.985	1.446	1.130	0.922	0.776	0.668	0.585	0.519	0.466	0.423	0.387	0.356	0.330	0.307	0.287	0.269	0.254	31.2
63.1-65.0	74.9- 77.4	2.970	1.856	1.358	1.064	0.870	0.733	0.631	0.553	0.491	0.441	0.400	0.366	0.337	0.312	0.290	0.271	0.255	0.240	31.3
65.1-67.0	77.5- 80.1	2.760	1.737	1.277	1.004	0.822	0.693	0.597	0.523	0.465	0.418	0.379	0.347	0.319	0.295	0.275	0.257	0.241	0.227	31.4
67.1-69.0	80.2- 82.8	2.568	1.628	1.202	0.948	0.778	0.656	0.566	0.496	0.441	0.397	0.360	0.329	0.303	0.281	0.261	0.244	0.229	0.216	31.5
69.1-71.0	82.9- 85.5	2.391	1.528	1.134	0.897	0.737	0.623	0.537	0.472	0.419	0.377	0.342	0.313	0.288	0.267	0.248	0.232	0.218	0.205	31.5
71.1-73.0	85.7- 88.3	2.230	1.436	1.071	0.849	0.699	0.592	0.511	0.449	0.399	0.359	0.326	0.298	0.274	0.254	0.237	0.221	0.208	0.196	31.6
73.1-75.0	88.4- 91.1	2.081	1.350	1.012	0.805	0.664	0.563	0.487	0.427	0.380	0.342	0.311	0.284	0.262	0.242	0.226	0.211	0.198	0.187	31.7
75.1-77.0	91.2- 93.9	1.944	1.271	0.958	0.764	0.632	0.536	0.464	0.408	0.363	0.327	0.297	0.271	0.250	0.232	0.216	0.202	0.189	0.178	31.7
77.1-79.0	94.0- 96.7	1.818	1.198	0.908	0.727	0.602	0.511	0.443	0.390	0.347	0.312	0.284	0.260	0.239	0.222	0.206	0.193	0.181	0.171	31.8
79.1-81.0	96.8- 99.5	1.701	1.130	0.861	0.691	0.574	0.488	0.423	0.373	0.332	0.299	0.272	0.249	0.229	0.212	0.198	0.185	0.173	0.163	31.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 58. Trees/m^3 of merchantable volume at 0.30 m stump height and 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 2, 15, 16

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.8- 18.9	182.809	124.642	103.817	92.609	84.910	78.775	73.499	68.806	64.576	60.743	57.262	54.096	51.213	48.583	46.180	43.979	41.960	40.102	16.1
17.1-19.0	19.0- 21.1	76.731	45.559	32.875	25.861	21.372	18.237	15.919	14.131	12.709	11.551	10.587	9.774	9.077	8.474	7.947	7.481	7.068	6.698	17.8
19.1-21.0	21.2- 23.3	48.226	27.656	19.301	14.759	11.910	9.963	8.550	7.481	6.645	5.973	5.423	4.964	4.576	4.243	3.954	3.702	3.480	3.283	19.4
21.1-23.0	23.4- 25.6	35.011	19.871	13.743	10.437	8.380	6.983	5.975	5.216	4.625	4.151	3.764	3.442	3.170	2.938	2.736	2.561	2.406	2.269	20.8
23.1-25.0	25.7- 27.8	27.309	15.458	10.665	8.085	6.483	5.397	4.616	4.027	3.569	3.203	2.904	2.655	2.445	2.265	2.110	1.974	1.855	1.749	22.1
25.1-27.0	28.0- 30.1	22.223	12.583	8.679	6.578	5.274	4.390	3.754	3.275	2.902	2.605	2.361	2.159	1.988	1.842	1.715	1.605	1.508	1.422	23.2
27.1-29.0	30.2- 32.4	18.596	10.547	7.281	5.521	4.427	3.685	3.151	2.749	2.436	2.186	1.982	1.812	1.668	1.546	1.440	1.347	1.265	1.193	24.2
29.1-31.0	32.5- 34.7	15.870	9.024	6.239	4.733	3.797	3.161	2.703	2.359	2.090	1.876	1.700	1.554	1.431	1.326	1.235	1.155	1.085	1.023	25.1
31.1-33.0	34.9- 37.1	13.743	7.840	5.429	4.123	3.309	2.756	2.357	2.056	1.822	1.635	1.482	1.355	1.247	1.156	1.076	1.007	0.946	0.892	26.0
33.1-35.0	37.2- 39.5	12.038	6.892	4.783	3.636	2.920	2.432	2.080	1.815	1.609	1.443	1.308	1.196	1.101	1.020	0.950	0.888	0.834	0.787	26.7
35.1-37.0	39.6- 41.8	10.641	6.117	4.255	3.238	2.602	2.168	1.855	1.619	1.434	1.287	1.167	1.066	0.982	0.909	0.847	0.792	0.744	0.701	27.3
37.1-39.0	42.0- 44.2	9.477	5.472	3.815	2.908	2.338	1.949	1.668	1.455	1.290	1.157	1.049	0.959	0.882	0.817	0.761	0.712	0.668	0.630	27.9
39.1-41.0	44.4- 46.7	8.492	4.926	3.445	2.629	2.116	1.764	1.510	1.318	1.168	1.048	0.950	0.868	0.799	0.740	0.689	0.644	0.605	0.570	28.4
41.1-43.0	46.8- 49.1	7.650	4.460	3.128	2.391	1.926	1.607	1.376	1.201	1.064	0.955	0.865	0.791	0.728	0.674	0.628	0.587	0.551	0.519	28.8
43.1-45.0	49.2- 51.6	6.923	4.058	2.854	2.186	1.762	1.471	1.260	1.100	0.975	0.875	0.793	0.725	0.667	0.617	0.575	0.538	0.505	0.476	29.2
45.1-47.0	51.7- 54.1	6.289	3.707	2.616	2.007	1.620	1.353	1.159	1.012	0.897	0.805	0.730	0.667	0.614	0.568	0.529	0.495	0.464	0.438	29.6
47.1-49.0	54.2- 56.6	5.733	3.399	2.407	1.850	1.495	1.250	1.071	0.935	0.829	0.744	0.674	0.616	0.567	0.525	0.489	0.457	0.429	0.404	29.9
49.1-51.0	56.7- 59.1	5.243	3.127	2.222	1.712	1.385	1.158	0.993	0.868	0.769	0.690	0.626	0.572	0.526	0.487	0.454	0.424	0.398	0.375	30.1
51.1-53.0	59.2- 61.7	4.807	2.885	2.058	1.589	1.287	1.077	0.924	0.808	0.716	0.643	0.583	0.532	0.490	0.454	0.422	0.395	0.371	0.349	30.4
53.1-55.0	61.8- 64.2	4.418	2.668	1.911	1.479	1.199	1.005	0.863	0.754	0.669	0.600	0.544	0.497	0.458	0.424	0.394	0.369	0.346	0.326	30.6
55.1-57.0	64.4- 66.8	4.069	2.474	1.779	1.380	1.121	0.940	0.807	0.706	0.626	0.562	0.510	0.466	0.429	0.397	0.369	0.345	0.324	0.305	30.8
57.1-59.0	67.0- 69.4	3.756	2.299	1.660	1.291	1.050	0.881	0.757	0.663	0.588	0.528	0.479	0.437	0.403	0.373	0.347	0.324	0.304	0.287	30.9
59.1-61.0	69.6- 72.1	3.473	2.140	1.552	1.210	0.986	0.828	0.712	0.623	0.553	0.497	0.451	0.412	0.379	0.351	0.327	0.305	0.287	0.270	31.1
61.1-63.0	72.2- 74.7	3.216	1.996	1.454	1.137	0.928	0.780	0.671	0.588	0.522	0.469	0.425	0.389	0.358	0.331	0.308	0.288	0.270	0.255	31.2
63.1-65.0	74.9- 77.4	2.983	1.865	1.365	1.070	0.875	0.736	0.634	0.555	0.493	0.443	0.402	0.367	0.338	0.313	0.291	0.272	0.256	0.241	31.3
65.1-67.0	77.5- 80.1	2.771	1.745	1.283	1.008	0.826	0.696	0.600	0.526	0.467	0.420	0.381	0.348	0.320	0.297	0.276	0.258	0.242	0.228	31.4
67.1-69.0	80.2- 82.8	2.577	1.635	1.208	0.952	0.781	0.659	0.568	0.498	0.443	0.398	0.361	0.330	0.304	0.282	0.262	0.245	0.230	0.217	31.5
69.1-71.0	82.9- 85.5	2.399	1.534	1.139	0.900	0.740	0.625	0.540	0.473	0.421	0.378	0.343	0.314	0.289	0.268	0.249	0.233	0.219	0.206	31.5
71.1-73.0	85.7- 88.3	2.236	1.441	1.075	0.852	0.702	0.594	0.513	0.450	0.401	0.360	0.327	0.299	0.275	0.255	0.237	0.222	0.208	0.196	31.6
73.1-75.0	88.4- 91.1	2.087	1.355	1.016	0.808	0.667	0.565	0.488	0.429	0.382	0.343	0.312	0.285	0.263	0.243	0.226	0.212	0.199	0.187	31.7
75.1-77.0	91.2- 93.9	1.949	1.275	0.961	0.767	0.634	0.538	0.466	0.409	0.364	0.328	0.298	0.272	0.251	0.232	0.216	0.202	0.190	0.179	31.7
77.1-79.0	94.0- 96.7	1.822	1.202	0.910	0.729	0.604	0.513	0.444	0.391	0.348	0.313	0.285	0.260	0.240	0.222	0.207	0.193	0.182	0.171	31.8
79.1-81.0	96.8- 99.5	1.705	1.133	0.863	0.693	0.576	0.490	0.425	0.374	0.333	0.300	0.272	0.249	0.230	0.213	0.198	0.185	0.174	0.164	31.8

13.0 NUMBER OF TREES PER CUBIC METRE OF MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 9, 11, 14

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 59. Trees/m^3 of merchantable volume at 0.30 m stump height and 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	5.9- 7.9	593.735	335.790	232.625	177.334	142.989	119.640	102.763	90.009	80.041	72.040	65.479	60.004	55.367	51.390	47.942	44.925	42.262	39.896	6.3
7.1- 9.0	8.0- 10.1	178.867	101.784	70.614	53.906	43.533	36.481	31.381	27.523	24.506	22.081	20.091	18.428	17.018	15.808	14.757	13.837	13.025	12.302	8.2
9.1-11.0	10.2- 12.2	106.157	60.594	42.094	32.154	25.975	21.771	18.728	16.427	14.626	13.179	11.991	10.998	10.156	9.434	8.807	8.257	7.772	7.341	10.1
11.1-13.0	12.4- 14.4	73.386	41.792	28.985	22.112	17.844	14.943	12.846	11.261	10.021	9.025	8.209	7.527	6.949	6.452	6.022	5.645	5.313	5.017	11.8
13.1-15.0	14.5- 16.6	54.673	31.040	21.484	16.364	13.188	11.032	9.476	8.300	7.382	6.645	6.041	5.537	5.110	4.743	4.426	4.148	3.902	3.684	13.5
15.1-17.0	16.8- 18.9	42.666	24.162	16.693	12.696	10.219	8.540	7.329	6.415	5.701	5.130	4.661	4.270	3.939	3.656	3.410	3.195	3.005	2.837	15.1
17.1-19.0	19.0- 21.1	34.384	19.440	13.413	10.189	8.192	6.840	5.865	5.130	4.557	4.097	3.721	3.408	3.143	2.916	2.719	2.547	2.395	2.260	16.6
19.1-21.0	21.2- 23.4	28.374	16.032	11.054	8.389	6.739	5.622	4.817	4.211	3.738	3.359	3.050	2.792	2.574	2.387	2.225	2.084	1.959	1.848	18.0
21.1-23.0	23.5- 25.6	23.845	13.478	9.291	7.047	5.657	4.716	4.038	3.528	3.130	2.812	2.552	2.335	2.152	1.995	1.859	1.741	1.636	1.544	19.3
23.1-25.0	25.8- 27.9	20.330	11.506	7.934	6.016	4.827	4.022	3.442	3.006	2.666	2.394	2.171	1.986	1.830	1.696	1.580	1.479	1.390	1.311	20.5
25.1-27.0	28.0- 30.2	17.536	9.947	6.865	5.206	4.176	3.478	2.975	2.597	2.302	2.067	1.874	1.714	1.578	1.462	1.362	1.275	1.198	1.129	21.6
27.1-29.0	30.4- 32.6	15.273	8.689	6.005	4.555	3.654	3.042	2.602	2.270	2.012	1.805	1.636	1.496	1.377	1.276	1.188	1.112	1.044	0.985	22.6
29.1-31.0	32.7- 34.9	13.410	7.657	5.301	4.024	3.228	2.687	2.298	2.004	1.776	1.593	1.444	1.319	1.215	1.125	1.047	0.980	0.920	0.867	23.6
31.1-33.0	35.0- 37.3	11.855	6.799	4.717	3.584	2.876	2.394	2.047	1.785	1.581	1.418	1.285	1.174	1.080	1.000	0.931	0.871	0.818	0.771	24.4
33.1-35.0	37.4- 39.6	10.542	6.075	4.226	3.215	2.581	2.149	1.837	1.602	1.419	1.272	1.152	1.053	0.969	0.897	0.835	0.780	0.733	0.690	25.2
35.1-37.0	39.8- 42.0	9.422	5.460	3.809	2.902	2.331	1.941	1.660	1.447	1.281	1.149	1.040	0.950	0.874	0.809	0.753	0.704	0.661	0.623	26.0
37.1-39.0	42.2- 44.4	8.458	4.930	3.451	2.633	2.117	1.764	1.508	1.315	1.164	1.044	0.945	0.863	0.794	0.735	0.684	0.639	0.600	0.565	26.6
39.1-41.0	44.6- 46.9	7.623	4.472	3.141	2.402	1.933	1.611	1.378	1.201	1.063	0.953	0.863	0.788	0.725	0.671	0.624	0.583	0.547	0.516	27.2
41.1-43.0	47.0- 49.3	6.894	4.072	2.871	2.200	1.772	1.478	1.264	1.102	0.976	0.875	0.792	0.723	0.665	0.615	0.572	0.535	0.502	0.473	27.8
43.1-45.0	49.4- 51.8	6.253	3.720	2.634	2.022	1.631	1.362	1.165	1.016	0.900	0.806	0.730	0.666	0.613	0.567	0.527	0.493	0.462	0.435	28.3
45.1-47.0	51.9- 54.3	5.688	3.409	2.425	1.866	1.507	1.259	1.078	0.940	0.832	0.746	0.675	0.617	0.567	0.524	0.488	0.456	0.428	0.403	28.8
47.1-49.0	54.4- 56.8	5.187	3.132	2.238	1.727	1.397	1.168	1.000	0.873	0.773	0.693	0.627	0.573	0.526	0.487	0.453	0.423	0.397	0.374	29.2
49.1-51.0	56.9- 59.3	4.740	2.886	2.072	1.603	1.299	1.087	0.932	0.813	0.720	0.646	0.584	0.534	0.490	0.454	0.422	0.394	0.370	0.348	29.6
51.1-53.0	59.4- 61.8	4.341	2.665	1.923	1.492	1.211	1.015	0.870	0.760	0.673	0.603	0.546	0.499	0.458	0.424	0.394	0.368	0.345	0.325	30.0
53.1-55.0	61.9- 64.3	3.983	2.465	1.788	1.392	1.132	0.949	0.815	0.712	0.631	0.565	0.512	0.467	0.430	0.397	0.369	0.345	0.324	0.305	30.3
55.1-57.0	64.5- 66.9	3.660	2.285	1.667	1.302	1.060	0.890	0.764	0.668	0.592	0.531	0.481	0.439	0.404	0.373	0.347	0.324	0.304	0.286	30.6
57.1-59.0	67.0- 69.5	3.369	2.122	1.556	1.219	0.996	0.837	0.719	0.629	0.558	0.500	0.453	0.414	0.380	0.352	0.327	0.305	0.286	0.270	30.9
59.1-61.0	69.6- 72.1	3.105	1.974	1.456	1.145	0.936	0.788	0.678	0.593	0.526	0.472	0.428	0.390	0.359	0.332	0.309	0.288	0.270	0.254	31.1
61.1-63.0	72.2- 74.7	2.866	1.838	1.364	1.076	0.882	0.744	0.640	0.561	0.497	0.446	0.404	0.369	0.340	0.314	0.292	0.273	0.256	0.241	31.4
63.1-65.0	74.8- 77.3	2.649	1.715	1.280	1.013	0.833	0.703	0.606	0.531	0.471	0.423	0.383	0.350	0.322	0.298	0.277	0.258	0.242	0.228	31.6
65.1-67.0	77.5- 80.0	2.450	1.601	1.203	0.956	0.787	0.666	0.574	0.503	0.447	0.401	0.364	0.332	0.306	0.283	0.263	0.245	0.230	0.217	31.8
67.1-69.0	80.1- 82.6	2.269	1.497	1.131	0.903	0.745	0.631	0.545	0.478	0.425	0.382	0.346	0.316	0.291	0.269	0.250	0.234	0.219	0.206	31.9
69.1-71.0	82.8- 85.3	2.104	1.402	1.066	0.854	0.707	0.599	0.518	0.455	0.404	0.363	0.330	0.301	0.277	0.256	0.238	0.223	0.209	0.196	32.1
71.1-73.0	85.4- 88.0	1.952	1.313	1.005	0.808	0.671	0.570	0.493	0.433	0.385	0.347	0.314	0.287	0.264	0.244	0.227	0.212	0.199	0.187	32.3
73.1-75.0	88.1- 90.7	1.813	1.232	0.949	0.766	0.637	0.542	0.470	0.413	0.368	0.331	0.300	0.274	0.252	0.234	0.217	0.203	0.190	0.179	32.4
75.1-77.0	90.9- 93.5	1.685	1.156	0.896	0.727	0.606	0.517	0.449	0.395	0.352	0.316	0.287	0.263	0.242	0.224	0.208	0.194	0.182	0.171	32.5
77.1-79.0	93.6- 96.2	1.567	1.086	0.848	0.690	0.578	0.493	0.429	0.378	0.336	0.303	0.275	0.251	0.231	0.214	0.199	0.186	0.175	0.164	32.6
79.1-81.0	96.3- 99.0	1.459	1.021	0.802	0.656	0.551	0.471	0.410	0.361	0.322	0.290	0.264	0.241	0.222	0.205	0.191	0.179	0.167	0.158	32.7

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 60. Trees/m^3 of merchantable volume at 0.30 m stump height and 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	8.0- 10.1	472.935	282.024	205.320	163.176	136.224	117.357	103.334	92.458	83.750	76.604	70.625	65.540	61.160	57.343	53.985	51.007	48.346	45.954	8.2
9.1-11.0	10.2- 12.2	139.548	77.787	53.259	40.277	32.299	26.921	23.058	20.154	17.893	16.084	14.605	13.373	12.331	11.439	10.666	9.991	9.396	8.867	10.1
11.1-13.0	12.4- 14.4	83.881	47.010	32.302	24.491	19.678	16.426	14.085	12.323	10.949	9.848	8.947	8.196	7.560	7.015	6.544	6.131	5.767	5.443	11.8
13.1-15.0	14.5- 16.6	59.232	33.263	22.878	17.353	13.944	11.640	9.981	8.731	7.757	6.976	6.337	5.805	5.354	4.968	4.633	4.341	4.083	3.854	13.5
15.1-17.0	16.8- 18.9	45.013	25.292	17.394	13.189	10.593	8.838	7.575	6.624	5.883	5.289	4.804	4.399	4.056	3.763	3.509	3.287	3.091	2.917	15.1
17.1-19.0	19.0- 21.1	35.728	20.082	13.808	10.464	8.400	7.004	6.000	5.244	4.655	4.184	3.798	3.477	3.206	2.973	2.772	2.596	2.441	2.303	16.6
19.1-21.0	21.2- 23.4	29.202	16.427	11.295	8.556	6.864	5.720	4.898	4.278	3.796	3.411	3.095	2.833	2.611	2.421	2.256	2.112	1.986	1.873	18.0
21.1-23.0	23.5- 25.6	24.384	13.735	9.447	7.155	5.737	4.779	4.090	3.571	3.167	2.844	2.580	2.361	2.175	2.016	1.879	1.759	1.653	1.559	19.3
23.1-25.0	25.8- 27.9	20.696	11.681	8.041	6.089	4.882	4.064	3.477	3.034	2.690	2.415	2.190	2.003	1.845	1.710	1.593	1.491	1.401	1.321	20.5
25.1-27.0	28.0- 30.2	17.793	10.070	6.940	5.257	4.214	3.507	2.999	2.617	2.319	2.081	1.887	1.725	1.589	1.472	1.371	1.283	1.205	1.136	21.6
27.1-29.0	30.4- 32.6	15.458	8.779	6.059	4.592	3.681	3.064	2.619	2.284	2.024	1.816	1.646	1.504	1.385	1.283	1.194	1.117	1.050	0.989	22.6
29.1-31.0	32.7- 34.9	13.546	7.724	5.342	4.052	3.249	2.703	2.311	2.015	1.785	1.601	1.450	1.325	1.220	1.130	1.052	0.984	0.924	0.871	23.6
31.1-33.0	35.0- 37.3	11.957	6.849	4.748	3.605	2.892	2.407	2.057	1.793	1.588	1.424	1.290	1.178	1.084	1.004	0.935	0.874	0.821	0.773	24.4
33.1-35.0	37.4- 39.6	10.620	6.115	4.251	3.232	2.593	2.159	1.845	1.608	1.424	1.276	1.156	1.056	0.972	0.899	0.837	0.783	0.735	0.692	25.2
35.1-37.0	39.8- 42.0	9.482	5.491	3.828	2.915	2.341	1.949	1.666	1.452	1.285	1.152	1.043	0.953	0.877	0.811	0.755	0.706	0.663	0.624	26.0
37.1-39.0	42.2- 44.4	8.505	4.955	3.467	2.644	2.125	1.770	1.513	1.319	1.168	1.046	0.947	0.865	0.796	0.736	0.685	0.640	0.601	0.566	26.6
39.1-41.0	44.6- 46.9	7.660	4.492	3.154	2.410	1.939	1.616	1.382	1.204	1.066	0.955	0.865	0.790	0.726	0.672	0.625	0.584	0.548	0.516	27.2
41.1-43.0	47.0- 49.3	6.923	4.088	2.882	2.207	1.777	1.482	1.267	1.105	0.978	0.877	0.794	0.725	0.666	0.616	0.573	0.536	0.503	0.473	27.8
43.1-45.0	49.4- 51.8	6.277	3.733	2.643	2.028	1.636	1.365	1.168	1.018	0.902	0.808	0.731	0.668	0.614	0.568	0.528	0.493	0.463	0.436	28.3
45.1-47.0	51.9- 54.3	5.707	3.420	2.432	1.871	1.511	1.262	1.080	0.942	0.834	0.747	0.677	0.618	0.568	0.525	0.488	0.456	0.428	0.403	28.8
47.1-49.0	54.4- 56.8	5.202	3.141	2.244	1.732	1.401	1.171	1.002	0.875	0.774	0.694	0.628	0.573	0.527	0.488	0.453	0.424	0.397	0.374	29.2
49.1-51.0	56.9- 59.3	4.753	2.893	2.077	1.607	1.302	1.089	0.933	0.814	0.721	0.647	0.585	0.534	0.491	0.454	0.422	0.395	0.370	0.348	29.6
51.1-53.0	59.4- 61.8	4.351	2.671	1.927	1.495	1.214	1.016	0.871	0.761	0.674	0.604	0.547	0.499	0.459	0.424	0.395	0.369	0.346	0.325	30.0
53.1-55.0	61.9- 64.3	3.991	2.471	1.792	1.395	1.134	0.951	0.816	0.713	0.631	0.566	0.513	0.468	0.430	0.398	0.370	0.345	0.324	0.305	30.3
55.1-57.0	64.5- 66.9	3.667	2.290	1.670	1.304	1.062	0.892	0.766	0.669	0.593	0.532	0.482	0.440	0.404	0.374	0.347	0.325	0.304	0.286	30.6
57.1-59.0	67.0- 69.5	3.375	2.126	1.559	1.222	0.997	0.838	0.720	0.630	0.558	0.501	0.453	0.414	0.381	0.352	0.327	0.306	0.287	0.270	30.9
59.1-61.0	69.6- 72.1	3.110	1.977	1.458	1.146	0.938	0.789	0.679	0.594	0.527	0.473	0.428	0.391	0.359	0.332	0.309	0.288	0.271	0.255	31.1
61.1-63.0	72.2- 74.7	2.870	1.841	1.366	1.078	0.884	0.745	0.641	0.561	0.498	0.447	0.405	0.370	0.340	0.314	0.292	0.273	0.256	0.241	31.4
63.1-65.0	74.8- 77.3	2.652	1.717	1.282	1.015	0.834	0.704	0.607	0.531	0.472	0.423	0.384	0.350	0.322	0.298	0.277	0.259	0.243	0.228	31.6
65.1-67.0	77.5- 80.0	2.453	1.604	1.204	0.957	0.788	0.666	0.575	0.504	0.448	0.402	0.364	0.333	0.306	0.283	0.263	0.246	0.230	0.217	31.8
67.1-69.0	80.1- 82.6	2.272	1.499	1.133	0.904	0.746	0.632	0.546	0.479	0.425	0.382	0.346	0.316	0.291	0.269	0.250	0.234	0.219	0.206	31.9
69.1-71.0	82.8- 85.3	2.106	1.403	1.067	0.855	0.707	0.600	0.519	0.455	0.405	0.364	0.330	0.301	0.277	0.256	0.238	0.223	0.209	0.197	32.1
71.1-73.0	85.4- 88.0	1.954	1.315	1.006	0.809	0.671	0.570	0.494	0.434	0.386	0.347	0.315	0.287	0.264	0.245	0.227	0.212	0.199	0.188	32.3
73.1-75.0	88.1- 90.7	1.815	1.233	0.950	0.767	0.638	0.543	0.471	0.414	0.368	0.331	0.300	0.275	0.253	0.234	0.217	0.203	0.190	0.179	32.4
75.1-77.0	90.9- 93.5	1.686	1.157	0.897	0.728	0.607	0.518	0.449	0.395	0.352	0.317	0.287	0.263	0.242	0.224	0.208	0.194	0.182	0.172	32.5
77.1-79.0	93.6- 96.2	1.569	1.087	0.848	0.691	0.578	0.494	0.429	0.378	0.337	0.303	0.275	0.252	0.232	0.214	0.199	0.186	0.175	0.164	32.6
79.1-81.0	96.3- 99.0	1.460	1.022	0.803	0.657	0.551	0.472	0.410	0.362	0.323	0.290	0.264	0.241	0.222	0.206	0.191	0.179	0.168	0.158	32.7

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 61. Trees/m^3 of merchantable volume at 0.30 m stump height and 10.0 cm top dib .

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.4- 14.4	157.057	90.733	63.832	49.156	39.905	33.543	28.903	25.373	22.599	20.363	18.524	16.985	15.679	14.557	13.582	12.729	11.975	11.305	11.8
13.1-15.0	14.5- 16.6	79.860	44.420	30.286	22.788	18.186	15.091	12.877	11.218	9.931	8.905	8.068	7.373	6.787	6.287	5.854	5.477	5.145	4.850	13.5
15.1-17.0	16.8- 18.9	53.770	29.872	20.364	15.332	12.246	10.172	8.688	7.574	6.710	6.021	5.458	4.991	4.596	4.259	3.967	3.713	3.489	3.290	15.1
17.1-19.0	19.0- 21.1	40.223	22.398	15.293	11.526	9.213	7.657	6.542	5.705	5.056	4.537	4.114	3.762	3.464	3.210	2.991	2.799	2.630	2.480	16.6
19.1-21.0	21.2- 23.4	31.784	17.748	12.136	9.154	7.320	6.084	5.199	4.534	4.017	3.605	3.268	2.988	2.752	2.550	2.376	2.223	2.089	1.970	18.0
21.1-23.0	23.5- 25.6	25.983	14.552	9.965	7.521	6.016	5.000	4.272	3.725	3.300	2.961	2.684	2.454	2.259	2.093	1.950	1.824	1.714	1.616	19.3
23.1-25.0	25.8- 27.9	21.741	12.216	8.380	6.329	5.063	4.208	3.594	3.134	2.776	2.490	2.256	2.063	1.899	1.759	1.638	1.532	1.440	1.357	20.5
25.1-27.0	28.0- 30.2	18.505	10.437	7.172	5.421	4.337	3.605	3.079	2.684	2.377	2.131	1.931	1.765	1.625	1.505	1.401	1.310	1.231	1.160	21.6
27.1-29.0	30.4- 32.6	15.959	9.039	6.224	4.709	3.769	3.133	2.675	2.331	2.064	1.851	1.677	1.532	1.410	1.305	1.215	1.137	1.067	1.006	22.6
29.1-31.0	32.7- 34.9	13.907	7.914	5.463	4.137	3.313	2.754	2.352	2.049	1.814	1.626	1.473	1.345	1.238	1.146	1.067	0.998	0.937	0.883	23.6
31.1-33.0	35.0- 37.3	12.223	6.991	4.839	3.669	2.940	2.444	2.087	1.819	1.610	1.443	1.306	1.193	1.098	1.016	0.946	0.884	0.830	0.782	24.4
33.1-35.0	37.4- 39.6	10.819	6.222	4.320	3.281	2.630	2.187	1.868	1.628	1.440	1.291	1.169	1.067	0.982	0.909	0.845	0.790	0.742	0.699	25.2
35.1-37.0	39.8- 42.0	9.634	5.574	3.882	2.953	2.370	1.972	1.684	1.467	1.298	1.163	1.053	0.962	0.884	0.818	0.761	0.712	0.668	0.629	26.0
37.1-39.0	42.2- 44.4	8.622	5.020	3.509	2.674	2.148	1.788	1.527	1.331	1.178	1.055	0.955	0.872	0.802	0.742	0.690	0.645	0.605	0.570	26.6
39.1-41.0	44.6- 46.9	7.751	4.543	3.188	2.435	1.958	1.630	1.393	1.214	1.074	0.963	0.871	0.795	0.731	0.677	0.629	0.588	0.552	0.520	27.2
41.1-43.0	47.0- 49.3	6.995	4.129	2.909	2.227	1.793	1.494	1.277	1.113	0.985	0.882	0.799	0.729	0.670	0.620	0.577	0.539	0.505	0.476	27.8
43.1-45.0	49.4- 51.8	6.334	3.767	2.666	2.045	1.648	1.375	1.176	1.025	0.907	0.813	0.735	0.671	0.617	0.571	0.531	0.496	0.465	0.438	28.3
45.1-47.0	51.9- 54.3	5.753	3.447	2.451	1.885	1.522	1.270	1.087	0.948	0.839	0.751	0.680	0.621	0.571	0.528	0.491	0.458	0.430	0.405	28.8
47.1-49.0	54.4- 56.8	5.239	3.164	2.260	1.743	1.409	1.177	1.008	0.879	0.778	0.697	0.631	0.576	0.529	0.490	0.455	0.425	0.399	0.376	29.2
49.1-51.0	56.9- 59.3	4.783	2.912	2.090	1.617	1.309	1.095	0.938	0.818	0.725	0.649	0.588	0.536	0.493	0.456	0.424	0.396	0.371	0.350	29.6
51.1-53.0	59.4- 61.8	4.376	2.686	1.938	1.504	1.220	1.021	0.875	0.764	0.677	0.607	0.549	0.501	0.461	0.426	0.396	0.370	0.347	0.327	30.0
53.1-55.0	61.9- 64.3	4.011	2.484	1.802	1.402	1.140	0.955	0.819	0.716	0.634	0.568	0.514	0.469	0.432	0.399	0.371	0.346	0.325	0.306	30.3
55.1-57.0	64.5- 66.9	3.684	2.301	1.678	1.310	1.067	0.896	0.769	0.672	0.595	0.534	0.483	0.441	0.405	0.375	0.348	0.325	0.305	0.287	30.6
57.1-59.0	67.0- 69.5	3.388	2.135	1.566	1.227	1.001	0.841	0.723	0.632	0.560	0.502	0.455	0.415	0.382	0.353	0.328	0.306	0.287	0.270	30.9
59.1-61.0	69.6- 72.1	3.122	1.985	1.464	1.151	0.941	0.792	0.681	0.596	0.528	0.474	0.429	0.392	0.360	0.333	0.310	0.289	0.271	0.255	31.1
61.1-63.0	72.2- 74.7	2.880	1.848	1.371	1.082	0.887	0.747	0.643	0.563	0.499	0.448	0.406	0.371	0.341	0.315	0.293	0.274	0.256	0.241	31.4
63.1-65.0	74.8- 77.3	2.660	1.723	1.286	1.018	0.837	0.706	0.608	0.533	0.473	0.425	0.385	0.351	0.323	0.299	0.278	0.259	0.243	0.229	31.6
65.1-67.0	77.5- 80.0	2.460	1.609	1.208	0.960	0.791	0.668	0.577	0.505	0.449	0.403	0.365	0.333	0.307	0.284	0.264	0.246	0.231	0.217	31.8
67.1-69.0	80.1- 82.6	2.277	1.504	1.136	0.907	0.749	0.634	0.547	0.480	0.426	0.383	0.347	0.317	0.292	0.270	0.251	0.234	0.220	0.207	31.9
69.1-71.0	82.8- 85.3	2.111	1.407	1.070	0.857	0.709	0.602	0.520	0.456	0.406	0.365	0.331	0.302	0.278	0.257	0.239	0.223	0.209	0.197	32.1
71.1-73.0	85.4- 88.0	1.958	1.318	1.009	0.811	0.673	0.572	0.495	0.435	0.387	0.348	0.315	0.288	0.265	0.245	0.228	0.213	0.200	0.188	32.3
73.1-75.0	88.1- 90.7	1.818	1.236	0.952	0.769	0.640	0.544	0.472	0.415	0.369	0.332	0.301	0.275	0.253	0.234	0.218	0.203	0.191	0.180	32.4
75.1-77.0	90.9- 93.5	1.689	1.160	0.899	0.729	0.608	0.519	0.450	0.396	0.353	0.317	0.288	0.263	0.242	0.224	0.208	0.195	0.183	0.172	32.5
77.1-79.0	93.6- 96.2	1.571	1.089	0.850	0.693	0.579	0.495	0.430	0.379	0.337	0.304	0.276	0.252	0.232	0.215	0.200	0.187	0.175	0.165	32.6
79.1-81.0	96.3- 99.0	1.462	1.024	0.805	0.658	0.552	0.473	0.411	0.362	0.323	0.291	0.264	0.242	0.222	0.206	0.192	0.179	0.168	0.158	32.7

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 62. Trees/m^3 of merchantable volume at 0.30 m stump height and 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.4- 14.4	268.386	176.818	142.256	123.565	111.227	101.970	94.454	88.063	82.483	77.536	73.108	69.119	65.509	62.227	59.234	56.495	53.982	51.669	11.8
13.1-15.0	14.5- 16.6	96.871	54.814	37.815	28.651	22.954	19.088	16.303	14.208	12.578	11.275	10.212	9.328	8.583	7.945	7.395	6.915	6.492	6.118	13.5
15.1-17.0	16.8- 18.9	59.544	33.140	22.587	16.983	13.543	11.231	9.577	8.338	7.378	6.613	5.989	5.472	5.035	4.662	4.341	4.060	3.813	3.594	15.1
17.1-19.0	19.0- 21.1	42.865	23.846	16.255	12.229	9.759	8.099	6.911	6.020	5.330	4.779	4.330	3.957	3.643	3.374	3.142	2.940	2.761	2.603	16.6
19.1-21.0	21.2- 23.4	33.200	18.513	12.639	9.518	7.600	6.310	5.386	4.694	4.156	3.727	3.378	3.087	2.842	2.632	2.451	2.293	2.154	2.031	18.0
21.1-23.0	23.5- 25.6	26.820	15.002	10.259	7.733	6.178	5.131	4.380	3.817	3.380	3.031	2.746	2.510	2.310	2.140	1.993	1.864	1.751	1.651	19.3
23.1-25.0	25.8- 27.9	22.270	12.501	8.565	6.462	5.164	4.289	3.662	3.191	2.825	2.533	2.295	2.097	1.930	1.788	1.664	1.557	1.462	1.378	20.5
25.1-27.0	28.0- 30.2	18.856	10.627	7.296	5.509	4.405	3.659	3.123	2.721	2.409	2.160	1.956	1.787	1.645	1.523	1.418	1.326	1.246	1.174	21.6
27.1-29.0	30.4- 32.6	16.201	9.170	6.310	4.770	3.816	3.170	2.706	2.357	2.086	1.870	1.694	1.547	1.424	1.318	1.227	1.147	1.077	1.015	22.6
29.1-31.0	32.7- 34.9	14.079	8.008	5.525	4.181	3.346	2.780	2.373	2.068	1.830	1.640	1.485	1.356	1.248	1.155	1.075	1.005	0.944	0.889	23.6
31.1-33.0	35.0- 37.3	12.348	7.060	4.885	3.702	2.965	2.464	2.103	1.832	1.621	1.453	1.315	1.201	1.105	1.023	0.952	0.890	0.835	0.787	24.4
33.1-35.0	37.4- 39.6	10.912	6.274	4.354	3.305	2.649	2.202	1.880	1.638	1.449	1.298	1.175	1.073	0.987	0.913	0.850	0.794	0.746	0.702	25.2
35.1-37.0	39.8- 42.0	9.704	5.614	3.909	2.972	2.384	1.983	1.693	1.475	1.305	1.169	1.058	0.966	0.889	0.822	0.765	0.715	0.671	0.632	26.0
37.1-39.0	42.2- 44.4	8.676	5.051	3.530	2.690	2.160	1.797	1.535	1.337	1.183	1.060	0.959	0.876	0.805	0.745	0.693	0.647	0.608	0.572	26.6
39.1-41.0	44.6- 46.9	7.793	4.568	3.205	2.447	1.967	1.638	1.399	1.219	1.079	0.966	0.874	0.798	0.734	0.679	0.631	0.590	0.554	0.521	27.2
41.1-43.0	47.0- 49.3	7.027	4.149	2.923	2.236	1.800	1.500	1.282	1.117	0.988	0.885	0.801	0.731	0.672	0.622	0.578	0.540	0.507	0.477	27.8
43.1-45.0	49.4- 51.8	6.360	3.782	2.676	2.053	1.654	1.380	1.180	1.028	0.910	0.815	0.738	0.673	0.619	0.572	0.532	0.497	0.466	0.439	28.3
45.1-47.0	51.9- 54.3	5.773	3.460	2.459	1.891	1.527	1.274	1.090	0.950	0.841	0.753	0.682	0.622	0.572	0.529	0.492	0.459	0.431	0.406	28.8
47.1-49.0	54.4- 56.8	5.256	3.175	2.267	1.749	1.414	1.181	1.011	0.881	0.780	0.699	0.633	0.577	0.531	0.491	0.456	0.426	0.400	0.376	29.2
49.1-51.0	56.9- 59.3	4.796	2.921	2.097	1.621	1.313	1.098	0.940	0.820	0.726	0.651	0.589	0.538	0.494	0.457	0.425	0.397	0.372	0.350	29.6
51.1-53.0	59.4- 61.8	4.386	2.694	1.944	1.508	1.223	1.024	0.877	0.766	0.678	0.608	0.550	0.502	0.461	0.427	0.397	0.370	0.347	0.327	30.0
53.1-55.0	61.9- 64.3	4.020	2.490	1.806	1.405	1.142	0.957	0.821	0.717	0.635	0.569	0.515	0.470	0.432	0.400	0.372	0.347	0.325	0.306	30.3
55.1-57.0	64.5- 66.9	3.691	2.306	1.682	1.313	1.069	0.897	0.770	0.673	0.596	0.535	0.484	0.442	0.406	0.375	0.349	0.326	0.306	0.288	30.6
57.1-59.0	67.0- 69.5	3.394	2.140	1.569	1.229	1.003	0.843	0.724	0.633	0.561	0.503	0.456	0.416	0.382	0.353	0.329	0.307	0.288	0.271	30.9
59.1-61.0	69.6- 72.1	3.126	1.989	1.467	1.153	0.943	0.794	0.682	0.597	0.529	0.475	0.430	0.392	0.361	0.334	0.310	0.290	0.272	0.256	31.1
61.1-63.0	72.2- 74.7	2.884	1.851	1.374	1.084	0.888	0.749	0.644	0.564	0.500	0.449	0.406	0.371	0.341	0.315	0.293	0.274	0.257	0.242	31.4
63.1-65.0	74.8- 77.3	2.663	1.726	1.288	1.020	0.838	0.707	0.609	0.534	0.474	0.425	0.385	0.352	0.323	0.299	0.278	0.260	0.243	0.229	31.6
65.1-67.0	77.5- 80.0	2.463	1.611	1.210	0.962	0.792	0.669	0.577	0.506	0.449	0.403	0.365	0.334	0.307	0.284	0.264	0.246	0.231	0.217	31.8
67.1-69.0	80.1- 82.6	2.280	1.505	1.138	0.908	0.750	0.635	0.548	0.480	0.427	0.383	0.347	0.317	0.292	0.270	0.251	0.234	0.220	0.207	31.9
69.1-71.0	82.8- 85.3	2.113	1.409	1.071	0.858	0.710	0.602	0.521	0.457	0.406	0.365	0.331	0.302	0.278	0.257	0.239	0.223	0.209	0.197	32.1
71.1-73.0	85.4- 88.0	1.960	1.319	1.010	0.812	0.674	0.573	0.495	0.435	0.387	0.348	0.316	0.288	0.265	0.245	0.228	0.213	0.200	0.188	32.3
73.1-75.0	88.1- 90.7	1.819	1.237	0.953	0.770	0.640	0.545	0.472	0.415	0.369	0.332	0.301	0.275	0.253	0.234	0.218	0.204	0.191	0.180	32.4
75.1-77.0	90.9- 93.5	1.691	1.161	0.900	0.730	0.609	0.519	0.450	0.396	0.353	0.318	0.288	0.263	0.242	0.224	0.209	0.195	0.183	0.172	32.5
77.1-79.0	93.6- 96.2	1.572	1.090	0.851	0.693	0.580	0.495	0.430	0.379	0.338	0.304	0.276	0.252	0.232	0.215	0.200	0.187	0.175	0.165	32.6
79.1-81.0	96.3- 99.0	1.463	1.025	0.806	0.659	0.553	0.473	0.411	0.363	0.323	0.291	0.264	0.242	0.223	0.206	0.192	0.179	0.168	0.158	32.7

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 63. Trees/m^3 of merchantable volume at 0.30 m stump height and 13.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
13.1-15.0	14.5- 16.6	199.132	134.972	111.922	100.034	92.321	86.407	81.380	76.878	72.758	68.957	65.442	62.194	59.191	56.417	53.851	51.478	49.280	47.242	13.5
15.1-17.0	16.8- 18.9	81.760	47.341	33.270	25.555	20.680	17.327	14.883	13.027	11.571	10.400	9.438	8.636	7.956	7.373	6.869	6.427	6.038	5.693	15.1
17.1-19.0	19.0- 21.1	51.440	28.930	19.825	14.936	11.912	9.871	8.407	7.311	6.461	5.783	5.232	4.774	4.389	4.060	3.777	3.530	3.313	3.120	16.6
19.1-21.0	21.2- 23.4	37.404	20.924	14.285	10.740	8.558	7.089	6.038	5.252	4.643	4.157	3.762	3.434	3.158	2.923	2.720	2.542	2.387	2.249	18.0
21.1-23.0	23.5- 25.6	29.174	16.331	11.155	8.392	6.690	5.544	4.725	4.111	3.635	3.256	2.947	2.691	2.475	2.291	2.132	1.993	1.871	1.763	19.3
23.1-25.0	25.8- 27.9	23.706	13.307	9.105	6.856	5.469	4.535	3.866	3.364	2.975	2.665	2.413	2.203	2.026	1.876	1.746	1.632	1.532	1.444	20.5
25.1-27.0	28.0- 30.2	19.786	11.148	7.645	5.763	4.601	3.816	3.254	2.832	2.505	2.244	2.031	1.855	1.706	1.579	1.469	1.374	1.289	1.215	21.6
27.1-29.0	30.4- 32.6	16.830	9.525	6.547	4.943	3.948	3.276	2.794	2.432	2.151	1.926	1.744	1.592	1.464	1.355	1.261	1.179	1.107	1.043	22.6
29.1-31.0	32.7- 34.9	14.519	8.258	5.692	4.303	3.440	2.855	2.435	2.120	1.875	1.679	1.520	1.388	1.276	1.181	1.099	1.027	0.964	0.908	23.6
31.1-33.0	35.0- 37.3	12.665	7.242	5.007	3.791	3.033	2.518	2.148	1.870	1.654	1.481	1.341	1.224	1.125	1.041	0.969	0.905	0.850	0.800	24.4
33.1-35.0	37.4- 39.6	11.144	6.409	4.446	3.372	2.700	2.243	1.914	1.666	1.473	1.320	1.194	1.090	1.002	0.927	0.862	0.806	0.756	0.712	25.2
35.1-37.0	39.8- 42.0	9.878	5.716	3.979	3.023	2.423	2.014	1.719	1.497	1.324	1.185	1.073	0.979	0.900	0.833	0.774	0.724	0.679	0.639	26.0
37.1-39.0	42.2- 44.4	8.808	5.130	3.584	2.729	2.190	1.821	1.555	1.354	1.197	1.072	0.970	0.886	0.814	0.753	0.700	0.654	0.614	0.578	26.6
39.1-41.0	44.6- 46.9	7.894	4.629	3.248	2.478	1.991	1.657	1.415	1.232	1.090	0.976	0.883	0.806	0.741	0.685	0.637	0.595	0.558	0.526	27.2
41.1-43.0	47.0- 49.3	7.107	4.197	2.957	2.262	1.820	1.515	1.295	1.128	0.998	0.893	0.808	0.738	0.678	0.627	0.583	0.545	0.511	0.481	27.8
43.1-45.0	49.4- 51.8	6.422	3.821	2.704	2.073	1.670	1.392	1.190	1.037	0.917	0.822	0.743	0.678	0.623	0.576	0.536	0.501	0.470	0.442	28.3
45.1-47.0	51.9- 54.3	5.823	3.491	2.482	1.908	1.540	1.285	1.099	0.958	0.847	0.759	0.687	0.626	0.576	0.532	0.495	0.462	0.434	0.408	28.8
47.1-49.0	54.4- 56.8	5.295	3.200	2.286	1.763	1.424	1.190	1.018	0.888	0.785	0.704	0.637	0.581	0.534	0.494	0.459	0.429	0.402	0.378	29.2
49.1-51.0	56.9- 59.3	4.828	2.942	2.112	1.633	1.322	1.105	0.946	0.825	0.731	0.655	0.592	0.540	0.497	0.459	0.427	0.399	0.374	0.352	29.6
51.1-53.0	59.4- 61.8	4.412	2.711	1.956	1.517	1.231	1.030	0.883	0.770	0.682	0.611	0.553	0.505	0.464	0.429	0.399	0.372	0.349	0.328	30.0
53.1-55.0	61.9- 64.3	4.041	2.504	1.817	1.414	1.149	0.963	0.825	0.721	0.638	0.572	0.518	0.472	0.434	0.401	0.373	0.348	0.327	0.307	30.3
55.1-57.0	64.5- 66.9	3.708	2.318	1.691	1.320	1.075	0.902	0.774	0.676	0.599	0.537	0.486	0.444	0.408	0.377	0.350	0.327	0.307	0.289	30.6
57.1-59.0	67.0- 69.5	3.408	2.150	1.577	1.235	1.008	0.847	0.727	0.636	0.564	0.505	0.457	0.417	0.384	0.355	0.330	0.308	0.289	0.272	30.9
59.1-61.0	69.6- 72.1	3.138	1.997	1.474	1.159	0.947	0.797	0.685	0.599	0.531	0.477	0.431	0.394	0.362	0.335	0.311	0.290	0.272	0.256	31.1
61.1-63.0	72.2- 74.7	2.893	1.858	1.380	1.088	0.892	0.752	0.647	0.566	0.502	0.450	0.408	0.372	0.342	0.316	0.294	0.275	0.258	0.242	31.4
63.1-65.0	74.8- 77.3	2.671	1.732	1.293	1.024	0.841	0.710	0.612	0.536	0.475	0.426	0.386	0.353	0.324	0.300	0.279	0.260	0.244	0.230	31.6
65.1-67.0	77.5- 80.0	2.469	1.616	1.214	0.965	0.795	0.672	0.579	0.508	0.451	0.405	0.367	0.335	0.308	0.285	0.265	0.247	0.232	0.218	31.8
67.1-69.0	80.1- 82.6	2.285	1.510	1.142	0.911	0.752	0.637	0.550	0.482	0.428	0.384	0.348	0.318	0.293	0.271	0.252	0.235	0.220	0.207	31.9
69.1-71.0	82.8- 85.3	2.117	1.412	1.075	0.861	0.713	0.604	0.522	0.458	0.407	0.366	0.332	0.303	0.279	0.258	0.240	0.224	0.210	0.197	32.1
71.1-73.0	85.4- 88.0	1.964	1.323	1.013	0.815	0.676	0.574	0.497	0.436	0.388	0.349	0.316	0.289	0.266	0.246	0.229	0.214	0.200	0.188	32.3
73.1-75.0	88.1- 90.7	1.823	1.240	0.956	0.772	0.642	0.546	0.473	0.416	0.370	0.333	0.302	0.276	0.254	0.235	0.218	0.204	0.191	0.180	32.4
75.1-77.0	90.9- 93.5	1.693	1.163	0.902	0.732	0.611	0.521	0.452	0.397	0.354	0.318	0.289	0.264	0.243	0.225	0.209	0.195	0.183	0.172	32.5
77.1-79.0	93.6- 96.2	1.575	1.092	0.853	0.695	0.581	0.497	0.431	0.380	0.339	0.305	0.276	0.253	0.233	0.215	0.200	0.187	0.175	0.165	32.6
79.1-81.0	96.3- 99.0	1.465	1.027	0.807	0.660	0.554	0.474	0.412	0.364	0.324	0.292	0.265	0.242	0.223	0.206	0.192	0.179	0.168	0.158	32.7

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 64. Trees/m^3 of merchantable volume at 0.30 m stump height and 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 9, 11, 14

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.8- 18.9	149.396	103.140	87.303	79.693	75.030	71.473	68.328	65.349	62.472	59.695	57.032	54.498	52.100	49.843	47.724	45.740	43.883	42.146	15.1
17.1-19.0	19.0- 21.1	69.017	40.958	29.422	23.016	18.912	16.050	13.938	12.315	11.028	9.982	9.117	8.388	7.766	7.229	6.761	6.350	5.985	5.659	16.6
19.1-21.0	21.2- 23.4	44.671	25.521	17.677	13.403	10.729	8.908	7.595	6.606	5.838	5.224	4.724	4.309	3.959	3.661	3.403	3.179	2.982	2.807	18.0
21.1-23.0	23.5- 25.6	32.877	18.587	12.763	9.618	7.667	6.349	5.403	4.695	4.146	3.708	3.353	3.058	2.810	2.598	2.415	2.256	2.117	1.993	19.3
23.1-25.0	25.8- 27.9	25.833	14.580	9.996	7.527	5.998	4.966	4.227	3.674	3.245	2.903	2.625	2.395	2.201	2.036	1.893	1.769	1.660	1.563	20.5
25.1-27.0	28.0- 30.2	21.108	11.933	8.189	6.170	4.920	4.075	3.470	3.016	2.665	2.385	2.157	1.968	1.809	1.673	1.556	1.454	1.364	1.285	21.6
27.1-29.0	30.4- 32.6	17.698	10.040	6.904	5.208	4.155	3.444	2.933	2.550	2.253	2.017	1.824	1.665	1.530	1.415	1.316	1.230	1.154	1.087	22.6
29.1-31.0	32.7- 34.9	15.114	8.611	5.937	4.485	3.581	2.970	2.530	2.200	1.944	1.740	1.574	1.436	1.320	1.221	1.136	1.061	0.996	0.938	23.6
31.1-33.0	35.0- 37.3	13.084	7.493	5.181	3.920	3.134	2.600	2.216	1.927	1.703	1.525	1.379	1.258	1.156	1.070	0.995	0.929	0.872	0.821	24.4
33.1-35.0	37.4- 39.6	11.449	6.593	4.574	3.467	2.774	2.303	1.963	1.708	1.510	1.351	1.222	1.115	1.025	0.948	0.881	0.824	0.773	0.728	25.2
35.1-37.0	39.8- 42.0	10.103	5.853	4.075	3.095	2.479	2.059	1.756	1.528	1.351	1.209	1.094	0.998	0.917	0.848	0.789	0.737	0.691	0.651	26.0
37.1-39.0	42.2- 44.4	8.977	5.235	3.658	2.785	2.233	1.856	1.584	1.378	1.218	1.091	0.986	0.900	0.827	0.765	0.711	0.664	0.623	0.587	26.6
39.1-41.0	44.6- 46.9	8.024	4.711	3.305	2.522	2.025	1.684	1.438	1.251	1.106	0.990	0.896	0.817	0.751	0.694	0.646	0.603	0.566	0.533	27.2
41.1-43.0	47.0- 49.3	7.207	4.261	3.003	2.296	1.846	1.537	1.313	1.143	1.011	0.905	0.818	0.747	0.686	0.634	0.590	0.551	0.517	0.486	27.8
43.1-45.0	49.4- 51.8	6.500	3.872	2.741	2.101	1.692	1.410	1.205	1.049	0.928	0.831	0.751	0.686	0.630	0.582	0.541	0.506	0.474	0.446	28.3
45.1-47.0	51.9- 54.3	5.884	3.532	2.512	1.931	1.558	1.299	1.111	0.968	0.856	0.766	0.693	0.632	0.581	0.537	0.499	0.466	0.437	0.412	28.8
47.1-49.0	54.4- 56.8	5.344	3.233	2.310	1.781	1.439	1.202	1.028	0.896	0.793	0.710	0.642	0.586	0.538	0.498	0.462	0.432	0.405	0.381	29.2
49.1-51.0	56.9- 59.3	4.867	2.969	2.132	1.649	1.334	1.115	0.955	0.832	0.737	0.660	0.597	0.545	0.500	0.463	0.430	0.401	0.376	0.354	29.6
51.1-53.0	59.4- 61.8	4.444	2.733	1.973	1.531	1.241	1.039	0.890	0.776	0.687	0.615	0.557	0.508	0.467	0.432	0.401	0.375	0.351	0.330	30.0
53.1-55.0	61.9- 64.3	4.067	2.523	1.831	1.425	1.158	0.970	0.831	0.726	0.643	0.576	0.521	0.475	0.437	0.404	0.375	0.350	0.329	0.309	30.3
55.1-57.0	64.5- 66.9	3.729	2.333	1.703	1.330	1.082	0.908	0.779	0.680	0.603	0.540	0.489	0.446	0.410	0.379	0.352	0.329	0.308	0.290	30.6
57.1-59.0	67.0- 69.5	3.426	2.163	1.587	1.243	1.015	0.852	0.732	0.640	0.567	0.508	0.460	0.420	0.386	0.357	0.331	0.309	0.290	0.273	30.9
59.1-61.0	69.6- 72.1	3.152	2.008	1.482	1.165	0.953	0.802	0.689	0.602	0.534	0.479	0.434	0.396	0.364	0.336	0.312	0.292	0.274	0.257	31.1
61.1-63.0	72.2- 74.7	2.905	1.867	1.387	1.094	0.897	0.756	0.650	0.569	0.504	0.452	0.410	0.374	0.344	0.318	0.295	0.276	0.259	0.243	31.4
63.1-65.0	74.8- 77.3	2.681	1.740	1.300	1.029	0.846	0.713	0.614	0.538	0.477	0.428	0.388	0.354	0.326	0.301	0.280	0.261	0.245	0.230	31.6
65.1-67.0	77.5- 80.0	2.478	1.623	1.220	0.970	0.799	0.675	0.582	0.510	0.453	0.406	0.368	0.336	0.309	0.286	0.266	0.248	0.232	0.219	31.8
67.1-69.0	80.1- 82.6	2.292	1.516	1.146	0.915	0.755	0.639	0.552	0.484	0.430	0.386	0.350	0.319	0.294	0.272	0.252	0.236	0.221	0.208	31.9
69.1-71.0	82.8- 85.3	2.123	1.417	1.079	0.864	0.715	0.607	0.524	0.460	0.409	0.367	0.333	0.304	0.280	0.259	0.240	0.224	0.210	0.198	32.1
71.1-73.0	85.4- 88.0	1.968	1.327	1.016	0.818	0.679	0.576	0.499	0.438	0.390	0.350	0.317	0.290	0.267	0.247	0.229	0.214	0.201	0.189	32.3
73.1-75.0	88.1- 90.7	1.827	1.243	0.959	0.775	0.644	0.548	0.475	0.418	0.372	0.334	0.303	0.277	0.255	0.236	0.219	0.205	0.192	0.180	32.4
75.1-77.0	90.9- 93.5	1.697	1.166	0.905	0.734	0.613	0.522	0.453	0.399	0.355	0.319	0.290	0.265	0.244	0.225	0.210	0.196	0.183	0.173	32.5
77.1-79.0	93.6- 96.2	1.577	1.095	0.856	0.697	0.583	0.498	0.433	0.381	0.340	0.306	0.277	0.254	0.233	0.216	0.201	0.187	0.176	0.165	32.6
79.1-81.0	96.3- 99.0	1.468	1.029	0.809	0.662	0.556	0.476	0.414	0.365	0.325	0.293	0.266	0.243	0.224	0.207	0.193	0.180	0.169	0.159	32.7

14.0 NUMBER OF TREES PER CUBIC METRE OF MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 7, 8, 10

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 65. Trees/m^3 of merchantable volume at 0.30 m stump height and 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m)																		
		3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	5.1- 7.2	590.680	335.560	233.382	178.531	144.386	121.117	104.256	91.487	81.484	73.440	66.832	61.309	56.623	52.600	49.107	46.047	43.344	40.939	6.5
7.1- 9.0	7.3- 9.5	171.485	99.615	69.894	53.742	43.617	36.685	31.644	27.815	24.809	22.386	20.393	18.724	17.307	16.088	15.029	14.100	13.279	12.548	8.2
9.1-11.0	9.6- 11.8	100.753	58.664	41.199	31.693	25.728	21.642	18.670	16.411	14.638	13.209	12.033	11.048	10.212	9.493	8.868	8.320	7.835	7.404	9.9
11.1-13.0	11.9- 14.0	69.202	40.159	28.150	21.627	17.540	14.744	12.712	11.169	9.958	8.983	8.181	7.510	6.940	6.450	6.024	5.651	5.321	5.028	11.4
13.1-15.0	14.2- 16.3	51.366	29.677	20.751	15.916	12.893	10.827	9.328	8.191	7.300	6.582	5.992	5.499	5.080	4.721	4.408	4.134	3.892	3.677	12.9
15.1-17.0	16.4- 18.6	40.032	23.029	16.063	12.300	9.951	8.349	7.187	6.308	5.618	5.064	4.608	4.227	3.904	3.627	3.386	3.175	2.989	2.823	14.2
17.1-19.0	18.7- 20.9	32.284	18.500	12.876	9.844	7.955	6.668	5.736	5.031	4.479	4.035	3.671	3.366	3.108	2.887	2.694	2.526	2.377	2.245	15.5
19.1-21.0	21.0- 23.2	26.706	15.256	10.598	8.091	6.531	5.470	4.702	4.122	3.667	3.303	3.003	2.753	2.542	2.360	2.202	2.064	1.942	1.834	16.7
21.1-23.0	23.3- 25.5	22.533	12.840	8.906	6.791	5.477	4.583	3.937	3.449	3.068	2.762	2.510	2.301	2.123	1.971	1.839	1.723	1.621	1.531	17.7
23.1-25.0	25.6- 27.8	19.315	10.986	7.611	5.798	4.672	3.907	3.354	2.937	2.611	2.350	2.135	1.956	1.805	1.675	1.562	1.464	1.377	1.300	18.7
25.1-27.0	28.0- 30.2	16.771	9.528	6.596	5.021	4.043	3.378	2.899	2.537	2.255	2.028	1.842	1.688	1.557	1.444	1.347	1.262	1.187	1.120	19.6
27.1-29.0	30.3- 32.5	14.718	8.358	5.783	4.399	3.540	2.957	2.536	2.219	1.971	1.772	1.609	1.474	1.359	1.261	1.176	1.101	1.035	0.977	20.5
29.1-31.0	32.6- 34.8	13.034	7.402	5.121	3.894	3.132	2.615	2.242	1.960	1.741	1.565	1.421	1.301	1.199	1.112	1.037	0.971	0.913	0.861	21.3
31.1-33.0	34.9- 37.1	11.632	6.610	4.573	3.477	2.795	2.333	1.999	1.748	1.552	1.394	1.266	1.158	1.068	0.990	0.923	0.864	0.812	0.766	22.0
33.1-35.0	37.2- 39.5	10.450	5.945	4.115	3.128	2.514	2.098	1.797	1.571	1.394	1.252	1.136	1.040	0.958	0.888	0.828	0.775	0.729	0.687	22.6
35.1-37.0	39.6- 41.8	9.442	5.380	3.726	2.833	2.277	1.899	1.627	1.421	1.261	1.133	1.028	0.940	0.866	0.803	0.748	0.700	0.658	0.621	23.2
37.1-39.0	41.9- 44.2	8.575	4.896	3.394	2.581	2.075	1.730	1.482	1.294	1.148	1.031	0.935	0.855	0.788	0.730	0.680	0.637	0.598	0.564	23.8
39.1-41.0	44.3- 46.5	7.822	4.477	3.107	2.364	1.900	1.585	1.357	1.185	1.051	0.943	0.856	0.783	0.721	0.668	0.622	0.582	0.547	0.516	24.3
41.1-43.0	46.6- 48.9	7.164	4.111	2.858	2.175	1.749	1.458	1.249	1.090	0.967	0.868	0.787	0.720	0.663	0.614	0.572	0.535	0.503	0.474	24.7
43.1-45.0	49.0- 51.2	6.584	3.790	2.639	2.010	1.617	1.348	1.154	1.008	0.893	0.802	0.727	0.665	0.612	0.567	0.528	0.494	0.464	0.437	25.2
45.1-47.0	51.3- 53.6	6.070	3.507	2.446	1.865	1.500	1.251	1.071	0.935	0.829	0.744	0.674	0.616	0.568	0.526	0.490	0.458	0.430	0.405	25.6
47.1-49.0	53.7- 55.9	5.613	3.254	2.275	1.736	1.397	1.166	0.998	0.871	0.772	0.693	0.628	0.574	0.528	0.489	0.456	0.426	0.400	0.377	25.9
49.1-51.0	56.1- 58.3	5.203	3.029	2.122	1.621	1.306	1.089	0.933	0.814	0.722	0.647	0.587	0.536	0.494	0.457	0.426	0.398	0.374	0.352	26.2
51.1-53.0	58.4- 60.7	4.835	2.827	1.985	1.518	1.223	1.021	0.874	0.763	0.676	0.607	0.550	0.503	0.463	0.428	0.399	0.373	0.350	0.330	26.5
53.1-55.0	60.8- 63.1	4.502	2.644	1.861	1.426	1.150	0.960	0.822	0.718	0.636	0.571	0.517	0.472	0.435	0.403	0.375	0.350	0.329	0.310	26.8
55.1-57.0	63.2- 65.5	4.201	2.479	1.749	1.342	1.083	0.905	0.775	0.677	0.600	0.538	0.487	0.445	0.410	0.379	0.353	0.330	0.310	0.292	27.1
57.1-59.0	65.6- 67.9	3.927	2.328	1.648	1.266	1.023	0.855	0.732	0.639	0.567	0.508	0.461	0.421	0.387	0.359	0.334	0.312	0.293	0.276	27.3
59.1-61.0	68.0- 70.2	3.676	2.191	1.556	1.197	0.968	0.809	0.693	0.606	0.537	0.482	0.436	0.399	0.367	0.340	0.316	0.295	0.277	0.261	27.5
61.1-63.0	70.4- 72.6	3.447	2.065	1.471	1.134	0.918	0.768	0.658	0.575	0.510	0.457	0.414	0.378	0.348	0.322	0.300	0.280	0.263	0.248	27.7
63.1-65.0	72.8- 75.1	3.237	1.950	1.393	1.076	0.872	0.730	0.626	0.547	0.485	0.435	0.394	0.360	0.331	0.307	0.285	0.267	0.250	0.236	27.9
65.1-67.0	75.2- 77.5	3.044	1.844	1.322	1.023	0.830	0.695	0.596	0.521	0.462	0.414	0.376	0.343	0.316	0.292	0.272	0.254	0.238	0.225	28.0
67.1-69.0	77.6- 79.9	2.866	1.746	1.256	0.974	0.791	0.663	0.569	0.497	0.441	0.396	0.359	0.328	0.301	0.279	0.260	0.243	0.228	0.214	28.2
69.1-71.0	80.0- 82.3	2.701	1.655	1.195	0.929	0.755	0.633	0.544	0.475	0.422	0.378	0.343	0.313	0.288	0.267	0.248	0.232	0.218	0.205	28.3
71.1-73.0	82.4- 84.7	2.549	1.571	1.139	0.887	0.722	0.606	0.521	0.455	0.404	0.362	0.328	0.300	0.276	0.256	0.238	0.222	0.208	0.196	28.4
73.1-75.0	84.8- 87.1	2.407	1.493	1.086	0.848	0.691	0.581	0.499	0.437	0.387	0.348	0.315	0.288	0.265	0.245	0.228	0.213	0.200	0.188	28.5
75.1-77.0	87.3- 89.6	2.276	1.420	1.037	0.811	0.662	0.557	0.479	0.419	0.372	0.334	0.303	0.277	0.254	0.236	0.219	0.205	0.192	0.181	28.6
77.1-79.0	89.7- 92.0	2.154	1.353	0.992	0.778	0.636	0.535	0.460	0.403	0.358	0.321	0.291	0.266	0.245	0.227	0.211	0.197	0.185	0.174	28.7
79.1-81.0	92.1- 94.5	2.040	1.289	0.949	0.746	0.611	0.514	0.443	0.388	0.344	0.309	0.280	0.256	0.236	0.218	0.203	0.190	0.178	0.168	28.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 66. Trees/m^3 of merchantable volume at 0.30 m stump height and 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	7.3- 9.5	474.633	276.524	197.334	154.153	126.781	107.805	93.841	83.118	74.617	67.705	61.973	57.141	53.011	49.439	46.320	43.571	41.131	38.950	8.2
9.1-11.0	9.6- 11.8	131.474	74.613	51.699	39.433	31.825	26.655	22.919	20.095	17.886	16.112	14.656	13.441	12.410	11.525	10.758	10.086	9.493	8.965	9.9
11.1-13.0	11.9- 14.0	78.633	44.922	31.235	23.876	19.299	16.182	13.925	12.217	10.880	9.805	8.923	8.185	7.559	7.022	6.556	6.147	5.787	5.466	11.4
13.1-15.0	14.2- 16.3	55.415	31.679	22.030	16.840	13.610	11.410	9.818	8.613	7.669	6.911	6.288	5.768	5.327	4.948	4.619	4.331	4.077	3.850	12.9
15.1-17.0	16.4- 18.6	42.106	24.036	16.698	12.754	10.301	8.632	7.424	6.511	5.796	5.221	4.750	4.356	4.022	3.735	3.486	3.268	3.076	2.905	14.2
17.1-19.0	18.7- 20.9	33.471	19.069	13.231	10.095	8.147	6.823	5.865	5.141	4.574	4.120	3.746	3.435	3.171	2.944	2.748	2.576	2.424	2.289	15.5
19.1-21.0	21.0- 23.2	27.442	15.604	10.813	8.242	6.646	5.562	4.778	4.186	3.724	3.352	3.048	2.793	2.578	2.393	2.233	2.093	1.969	1.859	16.7
21.1-23.0	23.3- 25.5	23.016	13.066	9.045	6.888	5.550	4.641	3.985	3.490	3.103	2.793	2.538	2.326	2.146	1.992	1.858	1.741	1.638	1.546	17.7
23.1-25.0	25.6- 27.8	19.647	11.141	7.705	5.863	4.721	3.946	3.386	2.964	2.634	2.370	2.153	1.973	1.820	1.689	1.575	1.475	1.388	1.310	18.7
25.1-27.0	28.0- 30.2	17.007	9.638	6.662	5.066	4.077	3.405	2.921	2.556	2.271	2.042	1.855	1.699	1.567	1.453	1.355	1.270	1.194	1.127	19.6
27.1-29.0	30.3- 32.5	14.892	8.439	5.831	4.432	3.565	2.976	2.552	2.232	1.982	1.782	1.618	1.482	1.366	1.267	1.182	1.107	1.040	0.982	20.5
29.1-31.0	32.6- 34.8	13.165	7.463	5.157	3.919	3.150	2.629	2.253	1.970	1.749	1.572	1.427	1.306	1.204	1.117	1.041	0.975	0.917	0.865	21.3
31.1-33.0	34.9- 37.1	11.732	6.657	4.601	3.496	2.810	2.344	2.008	1.755	1.558	1.400	1.270	1.163	1.072	0.994	0.926	0.867	0.815	0.769	22.0
33.1-35.0	37.2- 39.5	10.528	5.981	4.136	3.143	2.525	2.106	1.804	1.576	1.399	1.257	1.140	1.043	0.961	0.891	0.830	0.777	0.731	0.689	22.6
35.1-37.0	39.6- 41.8	9.504	5.409	3.744	2.845	2.286	1.906	1.632	1.426	1.265	1.136	1.031	0.943	0.869	0.805	0.750	0.702	0.660	0.622	23.2
37.1-39.0	41.9- 44.2	8.624	4.919	3.408	2.591	2.082	1.736	1.486	1.298	1.151	1.033	0.937	0.857	0.790	0.732	0.682	0.638	0.600	0.565	23.8
39.1-41.0	44.3- 46.5	7.862	4.496	3.119	2.372	1.906	1.589	1.360	1.188	1.053	0.946	0.858	0.784	0.722	0.669	0.623	0.583	0.548	0.517	24.3
41.1-43.0	46.6- 48.9	7.196	4.127	2.867	2.182	1.754	1.462	1.252	1.093	0.969	0.870	0.788	0.721	0.664	0.615	0.573	0.536	0.503	0.475	24.7
43.1-45.0	49.0- 51.2	6.611	3.804	2.647	2.016	1.621	1.351	1.157	1.010	0.895	0.803	0.728	0.666	0.613	0.568	0.529	0.495	0.465	0.438	25.2
45.1-47.0	51.3- 53.6	6.093	3.518	2.453	1.870	1.504	1.254	1.073	0.937	0.830	0.745	0.675	0.617	0.568	0.526	0.490	0.459	0.431	0.406	25.6
47.1-49.0	53.7- 55.9	5.632	3.264	2.280	1.740	1.400	1.168	1.000	0.872	0.773	0.694	0.629	0.575	0.529	0.490	0.456	0.427	0.401	0.378	25.9
49.1-51.0	56.1- 58.3	5.219	3.037	2.127	1.625	1.308	1.091	0.934	0.815	0.723	0.648	0.588	0.537	0.494	0.458	0.426	0.398	0.374	0.353	26.2
51.1-53.0	58.4- 60.7	4.848	2.834	1.989	1.521	1.226	1.023	0.876	0.764	0.677	0.608	0.551	0.503	0.463	0.429	0.399	0.373	0.351	0.330	26.5
53.1-55.0	60.8- 63.1	4.514	2.650	1.865	1.428	1.152	0.961	0.823	0.719	0.637	0.571	0.518	0.473	0.435	0.403	0.375	0.351	0.329	0.310	26.8
55.1-57.0	63.2- 65.5	4.211	2.484	1.753	1.345	1.085	0.906	0.776	0.677	0.600	0.539	0.488	0.446	0.410	0.380	0.353	0.331	0.310	0.292	27.1
57.1-59.0	65.6- 67.9	3.935	2.333	1.651	1.268	1.024	0.856	0.733	0.640	0.567	0.509	0.461	0.421	0.388	0.359	0.334	0.312	0.293	0.276	27.3
59.1-61.0	68.0- 70.2	3.684	2.195	1.558	1.199	0.969	0.810	0.694	0.606	0.537	0.482	0.437	0.399	0.367	0.340	0.316	0.296	0.278	0.261	27.5
61.1-63.0	70.4- 72.6	3.454	2.069	1.473	1.136	0.919	0.769	0.659	0.575	0.510	0.458	0.415	0.379	0.349	0.323	0.300	0.281	0.263	0.248	27.7
63.1-65.0	72.8- 75.1	3.243	1.953	1.396	1.078	0.873	0.731	0.627	0.547	0.485	0.435	0.394	0.360	0.331	0.307	0.285	0.267	0.250	0.236	27.9
65.1-67.0	75.2- 77.5	3.049	1.847	1.324	1.024	0.831	0.696	0.597	0.521	0.462	0.415	0.376	0.343	0.316	0.292	0.272	0.254	0.239	0.225	28.0
67.1-69.0	77.6- 79.9	2.870	1.749	1.258	0.975	0.792	0.664	0.570	0.498	0.441	0.396	0.359	0.328	0.302	0.279	0.260	0.243	0.228	0.215	28.2
69.1-71.0	80.0- 82.3	2.705	1.658	1.197	0.930	0.756	0.634	0.544	0.476	0.422	0.379	0.343	0.314	0.288	0.267	0.248	0.232	0.218	0.205	28.3
71.1-73.0	82.4- 84.7	2.552	1.573	1.140	0.888	0.723	0.607	0.521	0.456	0.404	0.363	0.329	0.300	0.276	0.256	0.238	0.222	0.209	0.196	28.4
73.1-75.0	84.8- 87.1	2.410	1.495	1.087	0.849	0.692	0.581	0.499	0.437	0.388	0.348	0.315	0.288	0.265	0.245	0.228	0.213	0.200	0.188	28.5
75.1-77.0	87.3- 89.6	2.279	1.422	1.038	0.812	0.663	0.557	0.479	0.420	0.372	0.334	0.303	0.277	0.255	0.236	0.219	0.205	0.192	0.181	28.6
77.1-79.0	89.7- 92.0	2.156	1.354	0.993	0.778	0.636	0.535	0.461	0.403	0.358	0.321	0.291	0.266	0.245	0.227	0.211	0.197	0.185	0.174	28.7
79.1-81.0	92.1- 94.5	2.042	1.290	0.950	0.747	0.611	0.515	0.443	0.388	0.345	0.310	0.281	0.256	0.236	0.218	0.203	0.190	0.178	0.168	28.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 67. Trees/m^3 of merchantable volume at 0.30 m stump height and 10.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	11.9- 14.0	151.818	86.618	60.430	46.294	37.459	31.422	27.041	23.719	21.116	19.023	17.303	15.866	14.647	13.600	12.692	11.897	11.195	10.570	11.4
13.1-15.0	14.2- 16.3	74.846	41.929	28.805	21.831	17.531	14.626	12.536	10.962	9.736	8.754	7.950	7.281	6.714	6.229	5.809	5.442	5.118	4.830	12.9
15.1-17.0	16.4- 18.6	50.227	28.202	19.403	14.723	11.835	9.882	8.476	7.416	6.590	5.928	5.386	4.934	4.551	4.223	3.939	3.691	3.472	3.277	14.2
17.1-19.0	18.7- 20.9	37.629	21.166	14.577	11.068	8.900	7.433	6.377	5.580	4.959	4.461	4.053	3.713	3.425	3.179	2.965	2.778	2.613	2.466	15.5
19.1-21.0	21.0- 23.2	29.840	16.799	11.574	8.788	7.067	5.901	5.062	4.429	3.935	3.540	3.216	2.946	2.717	2.521	2.352	2.203	2.072	1.956	16.7
21.1-23.0	23.3- 25.5	24.514	13.807	9.513	7.222	5.806	4.847	4.157	3.636	3.230	2.905	2.639	2.417	2.229	2.068	1.928	1.807	1.699	1.603	17.7
23.1-25.0	25.6- 27.8	20.638	11.629	8.012	6.081	4.887	4.079	3.496	3.058	2.716	2.442	2.217	2.030	1.872	1.737	1.620	1.517	1.426	1.346	18.7
25.1-27.0	28.0- 30.2	17.693	9.974	6.873	5.215	4.190	3.496	2.996	2.619	2.325	2.090	1.898	1.737	1.602	1.486	1.385	1.297	1.220	1.151	19.6
27.1-29.0	30.3- 32.5	15.383	8.679	5.981	4.538	3.645	3.040	2.604	2.276	2.020	1.816	1.648	1.509	1.391	1.290	1.202	1.126	1.058	0.998	20.5
29.1-31.0	32.6- 34.8	13.526	7.640	5.267	3.996	3.209	2.676	2.291	2.002	1.777	1.596	1.449	1.326	1.222	1.133	1.056	0.989	0.929	0.877	21.3
31.1-33.0	34.9- 37.1	12.005	6.791	4.684	3.554	2.853	2.379	2.037	1.779	1.578	1.418	1.286	1.177	1.085	1.005	0.937	0.877	0.824	0.778	22.0
33.1-35.0	37.2- 39.5	10.737	6.085	4.201	3.188	2.559	2.133	1.826	1.595	1.414	1.270	1.152	1.054	0.971	0.900	0.839	0.785	0.738	0.696	22.6
35.1-37.0	39.6- 41.8	9.668	5.490	3.794	2.880	2.312	1.927	1.649	1.440	1.277	1.147	1.040	0.951	0.876	0.812	0.756	0.708	0.665	0.627	23.2
37.1-39.0	41.9- 44.2	8.754	4.984	3.449	2.619	2.103	1.752	1.499	1.309	1.161	1.042	0.945	0.864	0.796	0.737	0.687	0.643	0.604	0.569	23.8
39.1-41.0	44.3- 46.5	7.966	4.548	3.152	2.395	1.923	1.603	1.371	1.197	1.061	0.952	0.863	0.790	0.727	0.674	0.627	0.587	0.551	0.520	24.3
41.1-43.0	46.6- 48.9	7.281	4.170	2.894	2.201	1.768	1.473	1.260	1.100	0.975	0.875	0.793	0.725	0.668	0.619	0.576	0.539	0.506	0.477	24.7
43.1-45.0	49.0- 51.2	6.680	3.839	2.669	2.031	1.632	1.360	1.164	1.016	0.900	0.808	0.732	0.669	0.616	0.571	0.531	0.497	0.467	0.440	25.2
45.1-47.0	51.3- 53.6	6.150	3.547	2.471	1.883	1.514	1.262	1.079	0.942	0.835	0.749	0.679	0.620	0.571	0.529	0.492	0.461	0.433	0.408	25.6
47.1-49.0	53.7- 55.9	5.679	3.289	2.296	1.751	1.409	1.174	1.005	0.877	0.777	0.697	0.632	0.577	0.531	0.492	0.458	0.428	0.402	0.379	25.9
49.1-51.0	56.1- 58.3	5.259	3.058	2.140	1.634	1.315	1.097	0.939	0.819	0.726	0.651	0.590	0.539	0.496	0.459	0.428	0.400	0.376	0.354	26.2
51.1-53.0	58.4- 60.7	4.882	2.852	2.001	1.530	1.232	1.028	0.880	0.768	0.680	0.610	0.553	0.505	0.465	0.430	0.401	0.375	0.352	0.331	26.5
53.1-55.0	60.8- 63.1	4.542	2.666	1.875	1.436	1.157	0.966	0.827	0.721	0.639	0.573	0.519	0.475	0.437	0.404	0.376	0.352	0.330	0.311	26.8
55.1-57.0	63.2- 65.5	4.235	2.497	1.762	1.351	1.090	0.910	0.779	0.680	0.602	0.540	0.490	0.447	0.412	0.381	0.355	0.331	0.311	0.293	27.1
57.1-59.0	65.6- 67.9	3.956	2.344	1.659	1.274	1.028	0.859	0.736	0.642	0.569	0.511	0.463	0.423	0.389	0.360	0.335	0.313	0.294	0.277	27.3
59.1-61.0	68.0- 70.2	3.702	2.205	1.565	1.204	0.973	0.813	0.697	0.608	0.539	0.483	0.438	0.400	0.368	0.341	0.317	0.296	0.278	0.262	27.5
61.1-63.0	70.4- 72.6	3.469	2.078	1.479	1.140	0.922	0.771	0.661	0.577	0.512	0.459	0.416	0.380	0.349	0.323	0.301	0.281	0.264	0.249	27.7
63.1-65.0	72.8- 75.1	3.256	1.961	1.401	1.082	0.876	0.733	0.628	0.549	0.487	0.436	0.395	0.361	0.332	0.308	0.286	0.267	0.251	0.236	27.9
65.1-67.0	75.2- 77.5	3.061	1.854	1.329	1.028	0.833	0.698	0.599	0.523	0.464	0.416	0.377	0.344	0.317	0.293	0.273	0.255	0.239	0.225	28.0
67.1-69.0	77.6- 79.9	2.880	1.755	1.262	0.978	0.794	0.666	0.571	0.499	0.442	0.397	0.360	0.329	0.302	0.280	0.260	0.243	0.228	0.215	28.2
69.1-71.0	80.0- 82.3	2.714	1.663	1.201.	0.933	0.758	0.636	0.546	0.477	0.423	0.380	0.344	0.314	0.289	0.267	0.249	0.233	0.218	0.206	28.3
71.1-73.0	82.4- 84.7	2.560	1.578	1.144	0.890	0.725	0.608	0.522	0.457	0.405	0.364	0.329	0.301	0.277	0.256	0.238	0.223	0.209	0.197	28.4
73.1-75.0	84.8- 87.1	2.417	1.499	1.091	0.851	0.693	0.583	0.501	0.438	0.388	0.349	0.316	0.289	0.266	0.246	0.229	0.214	0.200	0.189	28.5
75.1-77.0	87.3- 89.6	2.285	1.426	1.041	0.814	0.665	0.559	0.480	0.420	0.373	0.335	0.303	0.277	0.255	0.236	0.220	0.205	0.193	0.181	28.6
77.1-79.0	89.7- 92.0	2.161	1.358	0.995	0.780	0.638	0.537	0.462	0.404	0.359	0.322	0.292	0.267	0.245	0.227	0.211	0.197	0.185	0.174	28.7
79.1-81.0	92.1- 94.5	2.046	1.294	0.952	0.748	0.613	0.516	0.444	0.389	0.345	0.310	0.281	0.257	0.236	0.219	0.203	0.190	0.178	0.168	28.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 68. Trees/m^3 of merchantable volume at 0.30 m stump height and 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	11.9- 14.0	289.596	182.862	140.770	117.058	101.212	89.560	80.482	73.140	67.048	61.895	57.474	53.636	50.272	47.297	44.649	42.277	40.139	38.203	11.4
13.1-15.0	14.2- 16.3	92.205	51.897	35.769	27.146	21.808	18.192	15.587	13.624	12.094	10.868	9.866	9.031	8.325	7.720	7.196	6.739	6.335	5.977	12.9
15.1-17.0	16.4- 18.6	55.864	31.247	21.438	16.229	13.020	10.854	9.298	8.126	7.214	6.484	5.887	5.390	4.969	4.609	4.297	4.025	3.785	3.571	14.2
17.1-19.0	18.7- 20.9	40.175	22.505	15.456	11.710	9.402	7.842	6.721	5.876	5.219	4.692	4.261	3.902	3.598	3.338	3.112	2.915	2.742	2.587	15.5
19.1-21.0	21.0- 23.2	31.204	17.506	12.032	9.121	7.325	6.111	5.238	4.580	4.067	3.657	3.321	3.041	2.805	2.602	2.426	2.272	2.137	2.017	16.7
21.1-23.0	23.3- 25.5	25.326	14.223	9.781	7.415	5.955	4.968	4.258	3.723	3.306	2.972	2.699	2.471	2.278	2.114	1.971	1.846	1.736	1.638	17.7
23.1-25.0	25.6- 27.8	21.157	11.893	8.181	6.203	4.981	4.154	3.559	3.111	2.762	2.483	2.254	2.064	1.903	1.765	1.645	1.541	1.449	1.367	18.7
25.1-27.0	28.0- 30.2	18.042	10.152	6.986	5.296	4.252	3.545	3.037	2.654	2.356	2.117	1.922	1.759	1.622	1.504	1.402	1.313	1.234	1.165	19.6
27.1-29.0	30.3- 32.5	15.628	8.804	6.060	4.594	3.688	3.074	2.633	2.301	2.042	1.834	1.665	1.524	1.404	1.302	1.214	1.136	1.068	1.008	20.5
29.1-31.0	32.6- 34.8	13.704	7.730	5.325	4.037	3.240	2.700	2.312	2.020	1.792	1.610	1.461	1.336	1.232	1.142	1.064	0.996	0.936	0.883	21.3
31.1-33.0	34.9- 37.1	12.137	6.858	4.727	3.584	2.876	2.397	2.052	1.792	1.589	1.428	1.295	1.185	1.092	1.012	0.943	0.883	0.829	0.782	22.0
33.1-35.0	37.2- 39.5	10.838	6.136	4.233	3.211	2.577	2.147	1.837	1.604	1.423	1.278	1.159	1.060	0.976	0.905	0.843	0.789	0.742	0.699	22.6
35.1-37.0	39.6- 41.8	9.745	5.530	3.820	2.898	2.326	1.938	1.658	1.448	1.283	1.152	1.045	0.956	0.880	0.816	0.760	0.711	0.668	0.630	23.2
37.1-39.0	41.9- 44.2	8.815	5.016	3.469	2.633	2.114	1.761	1.506	1.315	1.166	1.046	0.949	0.868	0.799	0.740	0.689	0.645	0.606	0.571	23.8
39.1-41.0	44.3- 46.5	8.015	4.574	3.168	2.406	1.932	1.609	1.377	1.202	1.065	0.956	0.867	0.792	0.730	0.676	0.629	0.589	0.553	0.522	24.3
41.1-43.0	46.6- 48.9	7.320	4.191	2.907	2.210	1.775	1.479	1.265	1.104	0.978	0.878	0.796	0.727	0.670	0.620	0.578	0.540	0.508	0.479	24.7
43.1-45.0	49.0- 51.2	6.712	3.856	2.680	2.039	1.638	1.365	1.168	1.019	0.903	0.810	0.734	0.671	0.618	0.572	0.533	0.498	0.468	0.441	25.2
45.1-47.0	51.3- 53.6	6.176	3.561	2.481	1.889	1.518	1.265	1.083	0.945	0.837	0.751	0.681	0.622	0.572	0.530	0.494	0.462	0.434	0.409	25.6
47.1-49.0	53.7- 55.9	5.701	3.301	2.304	1.757	1.413	1.178	1.008	0.879	0.779	0.699	0.633	0.579	0.533	0.493	0.459	0.429	0.403	0.380	25.9
49.1-51.0	56.1- 58.3	5.277	3.068	2.147	1.639	1.319	1.100	0.941	0.821	0.727	0.652	0.591	0.540	0.497	0.460	0.428	0.401	0.376	0.354	26.2
51.1-53.0	58.4- 60.7	4.897	2.860	2.006	1.534	1.235	1.030	0.882	0.769	0.682	0.611	0.554	0.506	0.466	0.431	0.401	0.375	0.352	0.332	26.5
53.1-55.0	60.8- 63.1	4.555	2.673	1.880	1.439	1.160	0.968	0.828	0.723	0.640	0.574	0.520	0.475	0.437	0.405	0.377	0.352	0.331	0.312	26.8
55.1-57.0	63.2- 65.5	4.246	2.503	1.766	1.354	1.092	0.911	0.780	0.681	0.603	0.541	0.490	0.448	0.412	0.382	0.355	0.332	0.312	0.294	27.1
57.1-59.0	65.6- 67.9	3.965	2.350	1.662	1.277	1.030	0.861	0.737	0.643	0.570	0.511	0.463	0.423	0.389	0.360	0.335	0.313	0.294	0.277	27.3
59.1-61.0	68.0- 70.2	3.709	2.210	1.568	1.206	0.975	0.815	0.698	0.609	0.540	0.484	0.439	0.401	0.369	0.341	0.317	0.297	0.279	0.262	27.5
61.1-63.0	70.4- 72.6	3.476	2.082	1.482	1.142	0.924	0.773	0.662	0.578	0.512	0.460	0.416	0.380	0.350	0.324	0.301	0.282	0.264	0.249	27.7
63.1-65.0	72.8- 75.1	3.262	1.965	1.403	1.083	0.877	0.734	0.629	0.550	0.487	0.437	0.396	0.362	0.333	0.308	0.286	0.268	0.251	0.237	27.9
65.1-67.0	75.2- 77.5	3.066	1.857	1.331	1.030	0.835	0.699	0.599	0.524	0.464	0.416	0.377	0.345	0.317	0.293	0.273	0.255	0.239	0.225	28.0
67.1-69.0	77.6- 79.9	2.885	1.757	1.264	0.980	0.795	0.666	0.572	0.500	0.443	0.397	0.360	0.329	0.303	0.280	0.260	0.243	0.228	0.215	28.2
69.1-71.0	80.0- 82.3	2.718	1.666	1.202	0.934	0.759	0.636	0.546	0.478	0.424	0.380	0.344	0.314	0.289	0.268	0.249	0.233	0.218	0.206	28.3
71.1-73.0	82.4- 84.7	2.563	1.580	1.145	0.892	0.725	0.609	0.523	0.457	0.406	0.364	0.330	0.301	0.277	0.256	0.239	0.223	0.209	0.197	28.4
73.1-75.0	84.8- 87.1	2.420	1.501	1.092	0.852	0.694	0.583	0.501	0.438	0.389	0.349	0.316	0.289	0.266	0.246	0.229	0.214	0.201	0.189	28.5
75.1-77.0	87.3- 89.6	2.287	1.428	1.043	0.815	0.665	0.559	0.481	0.421	0.373	0.335	0.304	0.278	0.255	0.236	0.220	0.205	0.193	0.181	28.6
77.1-79.0	89.7- 92.0	2.163	1.359	0.996	0.781	0.638	0.537	0.462	0.405	0.359	0.322	0.292	0.267	0.246	0.227	0.211	0.198	0.185	0.175	28.7
79.1-81.0	92.1- 94.5	2.048	1.295	0.953	0.749	0.613	0.517	0.445	0.389	0.346	0.310	0.281	0.257	0.237	0.219	0.204	0.190	0.179	0.168	28.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 69. Trees/m^3 of merchantable volume at 0.30 m stump height and 13.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
13.1-15.0	14.2- 16.3	222.446	144.965	115.004	98.056	86.465	77.671	70.600	64.720	59.726	55.421	51.671	48.374	45.455	42.853	40.521	38.420	36.518	34.788	12.9
15.1-17.0	16.4- 18.6	79.574	45.356	31.563	24.109	19.452	16.275	13.973	12.232	10.870	9.776	8.880	8.132	7.498	6.956	6.485	6.074	5.711	5.388	14.2
17.1-19.0	18.7- 20.9	48.914	27.374	18.769	14.187	11.363	9.457	8.089	7.060	6.260	5.620	5.098	4.663	4.296	3.982	3.710	3.473	3.264	3.079	15.5
19.1-21.0	21.0- 23.2	35.429	19.790	13.554	10.241	8.203	6.828	5.841	5.100	4.523	4.062	3.685	3.372	3.107	2.881	2.685	2.513	2.362	2.228	16.7
21.1-23.0	23.3- 25.5	27.692	15.482	10.609	8.020	6.426	5.351	4.579	3.998	3.547	3.186	2.891	2.645	2.437	2.260	2.106	1.972	1.854	1.749	17.7
23.1-25.0	25.6- 27.8	22.610	12.659	8.681	6.566	5.262	4.382	3.750	3.275	2.905	2.609	2.367	2.166	1.996	1.851	1.725	1.615	1.518	1.432	18.7
25.1-27.0	28.0- 30.2	18.995	10.651	7.310	5.530	4.433	3.692	3.159	2.758	2.447	2.198	1.994	1.824	1.681	1.558	1.452	1.360	1.278	1.205	19.6
27.1-29.0	30.3- 32.5	16.282	9.146	6.282	4.754	3.811	3.173	2.715	2.371	2.103	1.888	1.713	1.567	1.444	1.338	1.247	1.167	1.097	1.035	20.5
29.1-31.0	32.6- 34.8	14.170	7.974	5.482	4.150	3.327	2.770	2.370	2.069	1.835	1.647	1.494	1.367	1.259	1.167	1.087	1.018	0.956	0.902	21.3
31.1-33.0	34.9- 37.1	12.479	7.037	4.843	3.667	2.940	2.448	2.094	1.828	1.621	1.455	1.319	1.207	1.112	1.030	0.960	0.898	0.844	0.796	22.0
33.1-35.0	37.2- 39.5	11.095	6.271	4.321	3.273	2.625	2.185	1.869	1.631	1.446	1.298	1.177	1.076	0.991	0.918	0.856	0.801	0.752	0.709	22.6
35.1-37.0	39.6- 41.8	9.943	5.634	3.887	2.946	2.363	1.967	1.682	1.468	1.301	1.168	1.059	0.968	0.891	0.826	0.769	0.720	0.676	0.638	23.2
37.1-39.0	41.9- 44.2	8.969	5.097	3.522	2.671	2.142	1.784	1.525	1.331	1.180	1.058	0.960	0.877	0.808	0.748	0.697	0.652	0.612	0.577	23.8
39.1-41.0	44.3- 46.5	8.137	4.639	3.210	2.437	1.955	1.628	1.392	1.214	1.076	0.966	0.875	0.800	0.736	0.682	0.635	0.594	0.558	0.526	24.3
41.1-43.0	46.6- 48.9	7.417	4.243	2.942	2.235	1.794	1.494	1.277	1.114	0.987	0.886	0.803	0.734	0.675	0.625	0.582	0.545	0.512	0.482	24.7
43.1-45.0	49.0- 51.2	6.791	3.899	2.708	2.059	1.654	1.377	1.178	1.027	0.910	0.817	0.740	0.676	0.622	0.576	0.537	0.502	0.471	0.444	25.2
45.1-47.0	51.3- 53.6	6.241	3.597	2.504	1.906	1.531	1.276	1.091	0.952	0.843	0.756	0.685	0.626	0.576	0.534	0.497	0.465	0.436	0.411	25.6
47.1-49.0	53.7- 55.9	5.754	3.330	2.324	1.771	1.423	1.186	1.015	0.885	0.784	0.703	0.637	0.582	0.536	0.496	0.462	0.432	0.405	0.382	25.9
49.1-51.0	56.1- 58.3	5.321	3.093	2.163	1.651	1.328	1.107	0.947	0.826	0.732	0.656	0.594	0.543	0.500	0.463	0.431	0.403	0.378	0.356	26.2
51.1-53.0	58.4- 60.7	4.934	2.881	2.020	1.544	1.243	1.036	0.887	0.773	0.685	0.614	0.557	0.509	0.468	0.433	0.403	0.377	0.354	0.333	26.5
53.1-55.0	60.8- 63.1	4.586	2.691	1.892	1.448	1.166	0.973	0.833	0.727	0.644	0.577	0.523	0.478	0.439	0.407	0.378	0.354	0.332	0.313	26.8
55.1-57.0	63.2- 65.5	4.272	2.519	1.776	1.361	1.098	0.916	0.784	0.684	0.606	0.544	0.492	0.450	0.414	0.383	0.356	0.333	0.313	0.295	27.1
57.1-59.0	65.6- 67.9	3.987	2.363	1.671	1.283	1.036	0.865	0.740	0.646	0.572	0.513	0.465	0.425	0.391	0.362	0.337	0.315	0.295	0.278	27.3
59.1-61.0	68.0- 70.2	3.729	2.221	1.576	1.212	0.979	0.818	0.701	0.612	0.542	0.486	0.440	0.402	0.370	0.342	0.319	0.298	0.279	0.263	27.5
61.1-63.0	70.4- 72.6	3.492	2.092	1.489	1.147	0.928	0.776	0.665	0.580	0.514	0.461	0.418	0.382	0.351	0.325	0.302	0.282	0.265	0.250	27.7
63.1-65.0	72.8- 75.1	3.276	1.973	1.409	1.088	0.881	0.737	0.632	0.552	0.489	0.438	0.397	0.363	0.334	0.309	0.287	0.268	0.252	0.237	27.9
65.1-67.0	75.2- 77.5	3.078	1.865	1.336	1.034	0.838	0.701	0.601	0.525	0.466	0.418	0.378	0.346	0.318	0.294	0.274	0.256	0.240	0.226	28.0
67.1-69.0	77.6- 79.9	2.895	1.764	1.269	0.984	0.798	0.669	0.574	0.501	0.444	0.399	0.361	0.330	0.303	0.281	0.261	0.244	0.229	0.216	28.2
69.1-71.0	80.0- 82.3	2.727	1.671	1.207	0.937	0.762	0.639	0.548	0.479	0.425	0.381	0.345	0.315	0.290	0.268	0.250	0.233	0.219	0.206	28.3
71.1-73.0	82.4- 84.7	2.571	1.586	1.149	0.894	0.728	0.611	0.524	0.458	0.407	0.365	0.331	0.302	0.278	0.257	0.239	0.223	0.210	0.197	28.4
73.1-75.0	84.8- 87.1	2.427	1.506	1.095	0.855	0.696	0.585	0.503	0.440	0.390	0.350	0.317	0.290	0.266	0.246	0.229	0.214	0.201	0.189	28.5
75.1-77.0	87.3- 89.6	2.293	1.432	1.046	0.818	0.667	0.561	0.482	0.422	0.374	0.336	0.304	0.278	0.256	0.237	0.220	0.206	0.193	0.182	28.6
77.1-79.0	89.7- 92.0	2.169	1.363	0.999	0.783	0.640	0.539	0.463	0.406	0.360	0.323	0.293	0.267	0.246	0.228	0.212	0.198	0.186	0.175	28.7
79.1-81.0	92.1- 94.5	2.053	1.298	0.956	0.751	0.615	0.518	0.446	0.390	0.346	0.311	0.282	0.258	0.237	0.219	0.204	0.191	0.179	0.168	28.8

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 70. Trees/m^3 of merchantable volume at 0.30 m stump height and 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 7, 8, 10

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.4- 18.6	171.857	114.814	93.372	81.360	73.022	66.509	61.102	56.475	52.448	48.909	45.777	42.989	40.494	38.253	36.230	34.398	32.731	31.210	14.2
17.1-19.0	18.7- 20.9	69.025	40.057	28.303	21.876	17.814	15.013	12.966	11.404	10.175	9.182	8.364	7.678	7.095	6.594	6.158	5.775	5.437	5.136	15.5
19.1-21.0	21.0- 23.2	43.313	24.405	16.800	12.721	10.194	8.484	7.253	6.327	5.607	5.031	4.561	4.170	3.839	3.557	3.313	3.100	2.912	2.746	16.7
21.1-23.0	23.3- 25.5	31.636	17.710	12.132	9.159	7.327	6.091	5.204	4.538	4.020	3.607	3.270	2.989	2.753	2.551	2.376	2.223	2.089	1.969	17.7
23.1-25.0	25.6- 27.8	24.871	13.911	9.525	7.189	5.751	4.781	4.086	3.564	3.158	2.834	2.569	2.349	2.163	2.005	1.867	1.747	1.642	1.548	18.7
25.1-27.0	28.0- 30.2	20.408	11.425	7.827	5.910	4.729	3.932	3.361	2.932	2.598	2.332	2.114	1.933	1.780	1.650	1.537	1.438	1.351	1.274	19.6
27.1-29.0	30.3- 32.5	17.222	9.657	6.621	5.002	4.004	3.330	2.846	2.483	2.200	1.974	1.790	1.637	1.508	1.397	1.301	1.218	1.144	1.079	20.5
29.1-31.0	32.6- 34.8	14.823	8.329	5.717	4.321	3.459	2.877	2.459	2.145	1.901	1.706	1.547	1.414	1.302	1.207	1.124	1.052	0.988	0.932	21.3
31.1-33.0	34.9- 37.1	12.949	7.292	5.011	3.790	3.035	2.524	2.158	1.882	1.668	1.496	1.357	1.240	1.142	1.058	0.985	0.922	0.866	0.817	22.0
33.1-35.0	37.2- 39.5	11.443	6.461	4.446	3.364	2.695	2.242	1.916	1.671	1.481	1.328	1.204	1.101	1.013	0.939	0.874	0.818	0.769	0.725	22.6
35.1-37.0	39.6- 41.8	10.206	5.778	3.982	3.015	2.416	2.010	1.718	1.498	1.327	1.191	1.079	0.986	0.908	0.841	0.783	0.733	0.688	0.649	23.2
37.1-39.0	41.9- 44.2	9.172	5.209	3.595	2.725	2.184	1.817	1.553	1.354	1.200	1.076	0.975	0.891	0.821	0.760	0.708	0.662	0.622	0.586	23.8
39.1-41.0	44.3- 46.5	8.296	4.727	3.268	2.479	1.988	1.654	1.414	1.233	1.092	0.979	0.887	0.811	0.747	0.691	0.644	0.602	0.565	0.533	24.3
41.1-43.0	46.6- 48.9	7.544	4.314	2.989	2.269	1.820	1.515	1.295	1.129	1.000	0.897	0.813	0.742	0.683	0.633	0.589	0.551	0.517	0.488	24.7
43.1-45.0	49.0- 51.2	6.892	3.956	2.747	2.087	1.675	1.394	1.192	1.039	0.921	0.826	0.748	0.683	0.629	0.582	0.542	0.507	0.476	0.449	25.2
45.1-47.0	51.3- 53.6	6.323	3.644	2.535	1.929	1.549	1.290	1.103	0.962	0.852	0.764	0.692	0.632	0.582	0.538	0.501	0.469	0.440	0.415	25.6
47.1-49.0	53.7- 55.9	5.822	3.369	2.350	1.790	1.438	1.198	1.024	0.893	0.791	0.709	0.643	0.587	0.540	0.500	0.465	0.435	0.408	0.385	25.9
49.1-51.0	56.1- 58.3	5.377	3.125	2.185	1.667	1.340	1.117	0.955	0.833	0.738	0.661	0.599	0.547	0.503	0.466	0.434	0.406	0.381	0.359	26.2
51.1-53.0	58.4- 60.7	4.980	2.908	2.039	1.558	1.253	1.045	0.894	0.779	0.690	0.619	0.561	0.512	0.471	0.436	0.406	0.379	0.356	0.335	26.5
53.1-55.0	60.8- 63.1	4.625	2.714	1.908	1.460	1.175	0.980	0.839	0.732	0.648	0.581	0.526	0.481	0.442	0.409	0.381	0.356	0.334	0.315	26.8
55.1-57.0	63.2- 65.5	4.305	2.539	1.790	1.372	1.105	0.922	0.789	0.689	0.610	0.547	0.495	0.452	0.416	0.385	0.358	0.335	0.314	0.296	27.1
57.1-59.0	65.6- 67.9	4.015	2.380	1.683	1.292	1.042	0.870	0.745	0.650	0.576	0.516	0.468	0.427	0.393	0.363	0.338	0.316	0.297	0.279	27.3
59.1-61.0	68.0- 70.2	3.752	2.236	1.586	1.220	0.985	0.823	0.705	0.615	0.545	0.489	0.442	0.404	0.372	0.344	0.320	0.299	0.281	0.264	27.5
61.1-63.0	70.4- 72.6	3.513	2.105	1.498	1.154	0.933	0.780	0.668	0.583	0.517	0.463	0.420	0.383	0.352	0.326	0.303	0.284	0.266	0.251	27.7
63.1-65.0	72.8- 75.1	3.294	1.984	1.417	1.094	0.885	0.741	0.635	0.554	0.491	0.440	0.399	0.364	0.335	0.310	0.288	0.270	0.253	0.238	27.9
65.1-67.0	75.2- 77.5	3.093	1.874	1.343	1.039	0.842	0.705	0.604	0.528	0.468	0.419	0.380	0.347	0.319	0.295	0.275	0.257	0.241	0.227	28.0
67.1-69.0	77.6- 79.9	2.908	1.773	1.275	0.988	0.802	0.672	0.576	0.503	0.446	0.400	0.362	0.331	0.304	0.282	0.262	0.245	0.230	0.216	28.2
69.1-71.0	80.0- 82.3	2.738	1.679	1.212	0.941	0.765	0.641	0.550	0.481	0.426	0.382	0.346	0.316	0.291	0.269	0.250	0.234	0.220	0.207	28.3
71.1-73.0	82.4- 84.7	2.581	1.592	1.154	0.898	0.731	0.613	0.526	0.460	0.408	0.366	0.332	0.303	0.279	0.258	0.240	0.224	0.210	0.198	28.4
73.1-75.0	84.8- 87.1	2.436	1.512	1.100	0.858	0.699	0.587	0.504	0.441	0.391	0.351	0.318	0.290	0.267	0.247	0.230	0.215	0.202	0.190	28.5
75.1-77.0	87.3- 89.6	2.301	1.437	1.050	0.821	0.670	0.563	0.484	0.423	0.376	0.337	0.305	0.279	0.257	0.237	0.221	0.206	0.194	0.182	28.6
77.1-79.0	89.7- 92.0	2.175	1.368	1.003	0.786	0.642	0.540	0.465	0.407	0.361	0.324	0.294	0.268	0.247	0.228	0.212	0.198	0.186	0.175	28.7
79.1-81.0	92.1- 94.5	2.059	1.303	0.959	0.754	0.617	0.519	0.447	0.391	0.347	0.312	0.283	0.258	0.238	0.220	0.204	0.191	0.179	0.169	28.8

15.0 NUMBER OF TREES PER CUBIC METRE OF MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 1, 3, 4, 5, 6, 12, 13

ALBERTA LAND AND FOREST SERVICES — INDIVIDUAL TREE VOLUME TABLE (1994)

Table 71. Trees/m^3 of merchantable volume at 0.30 m stump height and 5.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
5.1- 7.0	5.5- 7.6	577.486	330.584	231.023	177.342	143.805	120.881	104.229	91.588	81.669	73.678	67.105	61.603	56.932	52.916	49.426	46.367	43.663	41.255	6.5
7.1- 9.0	7.7- 9.9	177.207	105.612	75.070	58.179	47.470	40.077	34.670	30.543	27.291	24.662	22.493	20.674	19.126	17.793	16.633	15.614	14.713	13.909	8.4
9.1-11.0	10.0- 12.1	103.349	61.830	44.027	34.156	27.887	23.556	20.385	17.963	16.054	14.510	13.236	12.167	11.257	10.474	9.791	9.192	8.662	8.189	10.2
11.1-13.0	12.2- 14.4	70.559	42.139	29.980	23.247	18.975	16.024	13.864	12.216	10.916	9.866	8.999	8.271	7.652	7.119	6.655	6.248	5.887	5.565	11.9
13.1-15.0	14.5- 16.6	52.109	31.017	22.033	17.069	13.923	11.753	10.165	8.954	8.000	7.229	6.593	6.059	5.605	5.214	4.874	4.575	4.310	4.075	13.5
15.1-17.0	16.8- 18.9	40.432	23.975	17.000	13.156	10.724	9.047	7.822	6.888	6.153	5.558	5.068	4.657	4.308	4.007	3.745	3.515	3.312	3.130	15.0
17.1-19.0	19.0- 21.2	32.479	19.186	13.579	10.497	8.550	7.209	6.231	5.485	4.898	4.424	4.033	3.705	3.427	3.187	2.978	2.795	2.633	2.489	16.4
19.1-21.0	21.3- 23.4	26.777	15.759	11.134	8.597	6.997	5.897	5.094	4.483	4.002	3.614	3.294	3.026	2.798	2.602	2.431	2.282	2.149	2.031	17.7
21.1-23.0	23.6- 25.7	22.529	13.213	9.319	7.188	5.846	4.924	4.252	3.741	3.339	3.014	2.747	2.523	2.333	2.169	2.027	1.902	1.791	1.693	18.9
23.1-25.0	25.8- 28.0	19.267	11.263	7.931	6.111	4.967	4.182	3.609	3.174	2.832	2.557	2.329	2.139	1.978	1.839	1.718	1.612	1.518	1.434	20.1
25.1-27.0	28.1- 30.3	16.701	9.733	6.843	5.268	4.279	3.601	3.107	2.732	2.437	2.199	2.003	1.839	1.700	1.580	1.476	1.385	1.304	1.232	21.1
27.1-29.0	30.4- 32.6	14.640	8.509	5.974	4.595	3.730	3.137	2.706	2.378	2.121	1.914	1.743	1.600	1.479	1.375	1.284	1.204	1.134	1.072	22.1
29.1-31.0	32.7- 34.8	12.957	7.512	5.268	4.048	3.284	2.761	2.381	2.092	1.865	1.682	1.532	1.406	1.300	1.208	1.128	1.058	0.996	0.941	23.0
31.1-33.0	35.0- 37.1	11.562	6.688	4.685	3.598	2.917	2.451	2.113	1.856	1.654	1.492	1.359	1.247	1.152	1.071	1.000	0.938	0.883	0.834	23.8
33.1-35.0	37.2- 39.4	10.391	5.999	4.198	3.221	2.611	2.193	1.890	1.659	1.479	1.334	1.214	1.114	1.029	0.956	0.893	0.838	0.789	0.745	24.6
35.1-37.0	39.5- 41.7	9.397	5.416	3.786	2.904	2.352	1.975	1.701	1.494	1.331	1.200	1.092	1.002	0.926	0.860	0.803	0.753	0.709	0.670	25.3
37.1-39.0	41.8- 44.0	8.546	4.917	3.435	2.633	2.132	1.789	1.541	1.353	1.205	1.086	0.989	0.907	0.838	0.778	0.727	0.681	0.641	0.606	25.9
39.1-41.0	44.1- 46.3	7.809	4.488	3.133	2.400	1.943	1.630	1.403	1.232	1.097	0.989	0.900	0.825	0.762	0.708	0.661	0.620	0.583	0.551	26.5
41.1-43.0	46.4- 48.6	7.168	4.115	2.871	2.198	1.779	1.492	1.284	1.127	1.003	0.904	0.823	0.755	0.697	0.647	0.604	0.566	0.533	0.503	27.1
43.1-45.0	48.7- 50.9	6.605	3.788	2.642	2.022	1.636	1.372	1.180	1.035	0.922	0.831	0.756	0.693	0.640	0.594	0.555	0.520	0.489	0.462	27.6
45.1-47.0	51.0- 53.2	6.108	3.501	2.440	1.867	1.510	1.266	1.089	0.955	0.850	0.766	0.697	0.639	0.590	0.548	0.511	0.479	0.451	0.426	28.0
47.1-49.0	53.4- 55.5	5.666	3.246	2.262	1.731	1.399	1.173	1.009	0.885	0.787	0.709	0.645	0.591	0.546	0.507	0.473	0.443	0.417	0.394	28.5
49.1-51.0	55.7- 57.9	5.272	3.019	2.104	1.609	1.300	1.090	0.937	0.822	0.731	0.659	0.599	0.549	0.507	0.471	0.439	0.412	0.387	0.366	28.9
51.1-53.0	58.0- 60.2	4.919	2.817	1.962	1.501	1.213	1.016	0.874	0.766	0.682	0.614	0.558	0.512	0.472	0.438	0.409	0.383	0.361	0.341	29.2
53.1-55.0	60.3- 62.5	4.600	2.634	1.835	1.403	1.134	0.950	0.817	0.716	0.637	0.573	0.521	0.478	0.441	0.409	0.382	0.358	0.337	0.318	29.6
55.1-57.0	62.6- 64.8	4.312	2.469	1.721	1.316	1.063	0.890	0.765	0.671	0.597	0.537	0.488	0.448	0.413	0.383	0.358	0.335	0.315	0.298	29.9
57.1-59.0	65.0- 67.2	4.050	2.320	1.617	1.236	0.999	0.836	0.719	0.630	0.560	0.504	0.459	0.420	0.388	0.360	0.336	0.315	0.296	0.279	30.1
59.1-61.0	67.3- 69.5	3.811	2.185	1.523	1.164	0.940	0.788	0.677	0.593	0.528	0.475	0.432	0.396	0.365	0.339	0.316	0.296	0.279	0.263	30.4
61.1-63.0	69.6- 71.8	3.593	2.061	1.437	1.099	0.888	0.743	0.639	0.560	0.498	0.448	0.407	0.373	0.344	0.319	0.298	0.279	0.263	0.248	30.6
63.1-65.0	71.9- 74.2	3.393	1.947	1.358	1.039	0.839	0.703	0.604	0.529	0.470	0.423	0.385	0.353	0.325	0.302	0.282	0.264	0.248	0.234	30.8
65.1-67.0	74.3- 76.5	3.209	1.843	1.287	0.984	0.795	0.666	0.572	0.501	0.445	0.401	0.364	0.334	0.308	0.286	0.266	0.250	0.235	0.222	31.0
67.1-69.0	76.6- 78.9	3.039	1.748	1.220	0.934	0.754	0.632	0.543	0.475	0.423	0.380	0.346	0.317	0.292	0.271	0.253	0.237	0.223	0.210	31.2
69.1-71.0	79.0- 81.2	2.882	1.659	1.159	0.887	0.717	0.600	0.516	0.452	0.402	0.361	0.328	0.301	0.277	0.257	0.240	0.225	0.211	0.200	31.4
71.1-73.0	81.3- 83.6	2.737	1.578	1.103	0.844	0.682	0.571	0.491	0.430	0.382	0.344	0.312	0.286	0.264	0.245	0.228	0.214	0.201	0.190	31.5
73.1-75.0	83.7- 85.9	2.602	1.502	1.051	0.805	0.650	0.545	0.468	0.410	0.364	0.328	0.298	0.273	0.252	0.233	0.218	0.204	0.192	0.181	31.7
75.1-77.0	86.0- 88.3	2.477	1.431	1.002	0.768	0.621	0.520	0.447	0.391	0.348	0.313	0.284	0.260	0.240	0.223	0.208	0.194	0.183	0.173	31.8
77.1-79.0	88.4- 90.6	2.359	1.366	0.957	0.734	0.593	0.497	0.427	0.374	0.332	0.299	0.272	0.249	0.229	0.213	0.198	0.186	0.175	0.165	31.9
79.1-81.0	90.7- 93.0	2.250	1.305	0.915	0.702	0.567	0.475	0.408	0.358	0.318	0.286	0.260	0.238	0.219	0.204	0.190	0.178	0.167	0.158	32.0

Table 72. Trees/m^3 of merchantable volume at 0.30 m stump height and 7.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
7.1- 9.0	7.7- 9.9	498.550	278.385	193.253	147.975	119.852	100.684	86.782	76.238	67.969	61.310	55.834	51.251	47.360	44.016	41.110	38.563	36.311	34.307	8.4
9.1-11.0	10.0- 12.1	137.480	80.305	56.557	43.597	35.446	29.851	25.775	22.674	20.236	18.270	16.650	15.293	14.140	13.148	12.285	11.529	10.859	10.263	10.2
11.1-13.0	12.2- 14.4	80.946	47.692	33.718	26.049	21.210	17.881	15.452	13.601	12.145	10.969	10.000	9.187	8.497	7.902	7.385	6.931	6.530	6.172	11.9
13.1-15.0	14.5- 16.6	56.502	33.331	23.577	18.220	14.838	12.511	10.812	9.517	8.499	7.676	6.998	6.430	5.947	5.531	5.169	4.851	4.570	4.320	13.5
15.1-17.0	16.8- 18.9	42.644	25.122	17.759	13.718	11.169	9.415	8.135	7.160	6.393	5.774	5.264	4.836	4.472	4.159	3.887	3.648	3.436	3.248	15.0
17.1-19.0	19.0- 21.2	33.725	19.822	13.996	10.804	8.792	7.408	6.400	5.632	5.027	4.540	4.138	3.801	3.515	3.269	3.054	2.866	2.700	2.552	16.4
19.1-21.0	21.3- 23.4	27.537	16.141	11.382	8.779	7.140	6.014	5.193	4.569	4.078	3.682	3.355	3.082	2.849	2.650	2.476	2.323	2.188	2.068	17.7
21.1-23.0	23.6- 25.7	23.022	13.457	9.476	7.302	5.935	4.997	4.314	3.794	3.386	3.056	2.785	2.558	2.364	2.198	2.054	1.927	1.815	1.715	18.9
23.1-25.0	25.8- 28.0	19.602	11.426	8.035	6.187	5.026	4.229	3.650	3.209	2.863	2.584	2.354	2.162	1.998	1.858	1.735	1.628	1.533	1.449	20.1
25.1-27.0	28.1- 30.3	16.937	9.847	6.916	5.320	4.319	3.633	3.134	2.755	2.457	2.217	2.020	1.854	1.714	1.593	1.488	1.396	1.315	1.242	21.1
27.1-29.0	30.4- 32.6	14.812	8.591	6.026	4.632	3.758	3.160	2.725	2.395	2.136	1.927	1.755	1.611	1.489	1.384	1.292	1.212	1.142	1.079	22.1
29.1-31.0	32.7- 34.8	13.085	7.572	5.305	4.075	3.305	2.778	2.395	2.104	1.876	1.692	1.541	1.414	1.307	1.214	1.134	1.064	1.002	0.946	23.0
31.1-33.0	35.0- 37.1	11.660	6.734	4.713	3.618	2.932	2.464	2.123	1.865	1.662	1.499	1.365	1.253	1.157	1.075	1.004	0.942	0.887	0.838	23.8
33.1-35.0	37.2- 39.4	10.467	6.034	4.219	3.237	2.622	2.202	1.897	1.666	1.485	1.339	1.219	1.118	1.033	0.960	0.896	0.841	0.791	0.748	24.6
35.1-37.0	39.5- 41.7	9.458	5.444	3.803	2.916	2.361	1.982	1.707	1.499	1.335	1.204	1.096	1.005	0.929	0.863	0.806	0.755	0.711	0.672	25.3
37.1-39.0	41.8- 44.0	8.594	4.940	3.449	2.643	2.139	1.795	1.546	1.357	1.209	1.089	0.991	0.910	0.840	0.780	0.729	0.683	0.643	0.607	25.9
39.1-41.0	44.1- 46.3	7.849	4.506	3.144	2.408	1.948	1.635	1.407	1.235	1.100	0.991	0.902	0.827	0.764	0.710	0.662	0.621	0.585	0.552	26.5
41.1-43.0	46.4- 48.6	7.200	4.130	2.880	2.205	1.783	1.496	1.287	1.129	1.006	0.906	0.825	0.756	0.698	0.649	0.605	0.568	0.534	0.504	27.1
43.1-45.0	48.7- 50.9	6.632	3.801	2.649	2.027	1.639	1.375	1.183	1.038	0.924	0.832	0.757	0.694	0.641	0.595	0.556	0.521	0.490	0.463	27.6
45.1-47.0	51.0- 53.2	6.130	3.511	2.446	1.872	1.513	1.269	1.091	0.957	0.852	0.767	0.698	0.640	0.591	0.549	0.512	0.480	0.452	0.427	28.0
47.1-49.0	53.4- 55.5	5.685	3.255	2.267	1.734	1.402	1.175	1.010	0.886	0.789	0.710	0.646	0.592	0.547	0.508	0.474	0.444	0.418	0.395	28.5
49.1-51.0	55.7- 57.9	5.288	3.027	2.108	1.612	1.303	1.092	0.939	0.823	0.732	0.660	0.600	0.550	0.508	0.471	0.440	0.412	0.388	0.366	28.9
51.1-53.0	58.0- 60.2	4.933	2.823	1.966	1.503	1.215	1.018	0.875	0.767	0.682	0.615	0.559	0.512	0.473	0.439	0.410	0.384	0.361	0.341	29.2
53.1-55.0	60.3- 62.5	4.612	2.640	1.838	1.406	1.135	0.951	0.818	0.717	0.638	0.574	0.522	0.478	0.442	0.410	0.382	0.358	0.337	0.318	29.6
55.1-57.0	62.6- 64.8	4.322	2.474	1.723	1.318	1.064	0.891	0.766	0.671	0.597	0.538	0.489	0.448	0.414	0.384	0.358	0.336	0.316	0.298	29.9
57.1-59.0	65.0- 67.2	4.059	2.324	1.619	1.238	1.000	0.837	0.720	0.631	0.561	0.505	0.459	0.421	0.388	0.360	0.336	0.315	0.296	0.280	30.1
59.1-61.0	67.3- 69.5	3.819	2.188	1.525	1.166	0.942	0.789	0.678	0.594	0.528	0.475	0.432	0.396	0.365	0.339	0.316	0.296	0.279	0.263	30.4
61.1-63.0	69.6- 71.8	3.600	2.064	1.439	1.100	0.889	0.744	0.639	0.560	0.498	0.448	0.407	0.373	0.344	0.320	0.298	0.279	0.263	0.248	30.6
63.1-65.0	71.9- 74.2	3.399	1.950	1.360	1.040	0.840	0.703	0.604	0.529	0.471	0.424	0.385	0.353	0.325	0.302	0.282	0.264	0.248	0.234	30.8
65.1-67.0	74.3- 76.5	3.214	1.846	1.288	0.985	0.796	0.666	0.572	0.501	0.446	0.401	0.365	0.334	0.308	0.286	0.267	0.250	0.235	0.222	31.0
67.1-69.0	76.6- 78.9	3.044	1.750	1.222	0.935	0.755	0.632	0.543	0.476	0.423	0.381	0.346	0.317	0.292	0.271	0.253	0.237	0.223	0.210	31.2
69.1-71.0	79.0- 81.2	2.887	1.661	1.161	0.888	0.717	0.601	0.516	0.452	0.402	0.362	0.329	0.301	0.278	0.258	0.240	0.225	0.212	0.200	31.4
71.1-73.0	81.3- 83.6	2.741	1.579	1.104	0.845	0.683	0.572	0.491	0.430	0.382	0.344	0.313	0.286	0.264	0.245	0.229	0.214	0.201	0.190	31.5
73.1-75.0	83.7- 85.9	2.606	1.503	1.052	0.805	0.651	0.545	0.468	0.410	0.364	0.328	0.298	0.273	0.252	0.233	0.218	0.204	0.192	0.181	31.7
75.1-77.0	86.0- 88.3	2.480	1.433	1.003	0.769	0.621	0.520	0.447	0.391	0.348	0.313	0.284	0.260	0.240	0.223	0.208	0.195	0.183	0.173	31.8
77.1-79.0	88.4- 90.6	2.362	1.367	0.958	0.734	0.594	0.497	0.427	0.374	0.332	0.299	0.272	0.249	0.229	0.213	0.198	0.186	0.175	0.165	31.9
79.1-81.0	90.7- 93.0	2.253	1.306	0.916	0.702	0.568	0.476	0.409	0.358	0.318	0.286	0.260	0.238	0.219	0.204	0.190	0.178	0.167	0.158	32.0

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 73. Trees/m^3 of merchantable volume at 0.30 m stump height and 10.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.2- 14.4	172.902	98.248	68.600	52.672	42.730	35.934	30.995	27.245	24.301	21.929	19.976	18.342	16.953	15.760	14.722	13.812	13.008	12.292	11.9
13.1-15.0	14.5- 16.6	79.244	45.586	31.874	24.463	19.831	16.665	14.366	12.622	11.253	10.151	9.244	8.486	7.842	7.288	6.808	6.386	6.013	5.682	13.5
15.1-17.0	16.8- 18.9	51.861	30.019	21.042	16.173	13.123	11.036	9.518	8.366	7.461	6.733	6.133	5.631	5.204	4.838	4.519	4.240	3.993	3.773	15.0
17.1-19.0	19.0- 21.2	38.346	22.246	15.609	12.003	9.743	8.195	7.070	6.215	5.543	5.002	4.557	4.184	3.868	3.595	3.359	3.151	2.968	2.804	16.4
19.1-21.0	21.3- 23.4	30.160	17.500	12.279	9.443	7.665	6.447	5.561	4.889	4.360	3.935	3.584	3.291	3.042	2.828	2.642	2.478	2.334	2.205	17.7
21.1-23.0	23.6- 25.7	24.638	14.285	10.019	7.702	6.250	5.256	4.534	3.985	3.554	3.207	2.921	2.682	2.479	2.304	2.152	2.019	1.901	1.797	18.9
23.1-25.0	25.8- 28.0	20.660	11.963	8.384	6.443	5.227	4.394	3.789	3.330	2.969	2.679	2.440	2.240	2.070	1.924	1.797	1.686	1.588	1.500	20.1
25.1-27.0	28.1- 30.3	17.663	10.211	7.151	5.492	4.454	3.743	3.227	2.835	2.528	2.280	2.077	1.906	1.762	1.637	1.529	1.434	1.351	1.276	21.1
27.1-29.0	30.4- 32.6	15.328	8.847	6.191	4.752	3.852	3.236	2.790	2.450	2.184	1.970	1.794	1.647	1.521	1.414	1.320	1.238	1.166	1.102	22.1
29.1-31.0	32.7- 34.8	13.464	7.759	5.425	4.162	3.372	2.832	2.440	2.143	1.910	1.723	1.568	1.439	1.330	1.236	1.154	1.082	1.019	0.963	23.0
31.1-33.0	35.0- 37.1	11.944	6.873	4.802	3.682	2.982	2.504	2.157	1.894	1.688	1.522	1.385	1.271	1.174	1.091	1.019	0.955	0.899	0.850	23.8
33.1-35.0	37.2- 39.4	10.686	6.140	4.287	3.285	2.659	2.232	1.923	1.688	1.504	1.356	1.234	1.132	1.046	0.972	0.907	0.851	0.801	0.756	24.6
35.1-37.0	39.5- 41.7	9.628	5.526	3.855	2.953	2.390	2.005	1.727	1.515	1.350	1.217	1.107	1.016	0.938	0.872	0.814	0.763	0.718	0.678	25.3
37.1-39.0	41.8- 44.0	8.730	5.005	3.489	2.672	2.161	1.813	1.561	1.370	1.220	1.099	1.000	0.918	0.847	0.787	0.735	0.689	0.649	0.613	25.9
39.1-41.0	44.1- 46.3	7.958	4.558	3.176	2.431	1.966	1.649	1.419	1.245	1.109	0.999	0.909	0.834	0.770	0.715	0.667	0.626	0.589	0.556	26.5
41.1-43.0	46.4- 48.6	7.289	4.172	2.906	2.223	1.798	1.507	1.297	1.138	1.013	0.912	0.830	0.761	0.703	0.653	0.609	0.571	0.538	0.508	27.1
43.1-45.0	48.7- 50.9	6.705	3.835	2.671	2.043	1.651	1.384	1.191	1.044	0.930	0.837	0.762	0.698	0.645	0.599	0.559	0.524	0.493	0.466	27.6
45.1-47.0	51.0- 53.2	6.191	3.540	2.464	1.884	1.523	1.276	1.098	0.962	0.857	0.772	0.702	0.643	0.594	0.552	0.515	0.483	0.454	0.429	28.0
47.1-49.0	53.4- 55.5	5.737	3.279	2.282	1.745	1.410	1.181	1.016	0.891	0.793	0.714	0.649	0.595	0.549	0.510	0.476	0.446	0.420	0.396	28.5
49.1-51.0	55.7- 57.9	5.332	3.047	2.121	1.621	1.309	1.097	0.943	0.827	0.736	0.663	0.602	0.552	0.510	0.473	0.442	0.414	0.389	0.368	28.9
51.1-53.0	58.0- 60.2	4.969	2.840	1.977	1.511	1.220	1.022	0.879	0.770	0.685	0.617	0.561	0.514	0.475	0.441	0.411	0.385	0.362	0.342	29.2
53.1-55.0	60.3- 62.5	4.643	2.654	1.848	1.412	1.140	0.955	0.821	0.719	0.640	0.576	0.524	0.480	0.443	0.411	0.384	0.360	0.338	0.319	29.6
55.1-57.0	62.6- 64.8	4.349	2.487	1.731	1.323	1.068	0.895	0.769	0.674	0.599	0.540	0.490	0.450	0.415	0.385	0.359	0.337	0.317	0.299	29.9
57.1-59.0	65.0- 67.2	4.082	2.336	1.626	1.243	1.004	0.840	0.722	0.633	0.563	0.507	0.460	0.422	0.389	0.361	0.337	0.316	0.297	0.280	30.1
59.1-61.0	67.3- 69.5	3.840	2.198	1.531	1.170	0.945	0.791	0.680	0.595	0.530	0.477	0.433	0.397	0.366	0.340	0.317	0.297	0.279	0.264	30.4
61.1-63.0	69.6- 71.8	3.618	2.073	1.444	1.104	0.891	0.746	0.641	0.562	0.499	0.449	0.408	0.374	0.345	0.320	0.299	0.280	0.263	0.249	30.6
63.1-65.0	71.9- 74.2	3.415	1.958	1.365	1.043	0.842	0.705	0.606	0.531	0.472	0.425	0.386	0.354	0.326	0.303	0.282	0.265	0.249	0.235	30.8
65.1-67.0	74.3- 76.5	3.228	1.853	1.292	0.988	0.798	0.668	0.574	0.503	0.447	0.402	0.365	0.335	0.309	0.287	0.267	0.250	0.235	0.222	31.0
67.1-69.0	76.6- 78.9	3.056	1.756	1.225	0.937	0.757	0.634	0.544	0.477	0.424	0.381	0.346	0.317	0.293	0.272	0.253	0.237	0.223	0.211	31.2
69.1-71.0	79.0- 81.2	2.898	1.667	1.164	0.890	0.719	0.602	0.517	0.453	0.403	0.362	0.329	0.302	0.278	0.258	0.241	0.225	0.212	0.200	31.4
71.1-73.0	81.3- 83.6	2.751	1.584	1.107	0.847	0.684	0.573	0.492	0.431	0.383	0.345	0.313	0.287	0.265	0.245	0.229	0.214	0.202	0.190	31.5
73.1-75.0	83.7- 85.9	2.614	1.508	1.054	0.807	0.652	0.546	0.469	0.411	0.365	0.328	0.298	0.273	0.252	0.234	0.218	0.204	0.192	0.181	31.7
75.1-77.0	86.0- 88.3	2.487	1.437	1.006	0.770	0.622	0.521	0.448	0.392	0.348	0.313	0.285	0.261	0.240	0.223	0.208	0.195	0.183	0.173	31.8
77.1-79.0	88.4- 90.6	2.369	1.371	0.960	0.736	0.595	0.498	0.428	0.375	0.333	0.299	0.272	0.249	0.230	0.213	0.199	0.186	0.175	0.165	31.9
79.1-81.0	90.7- 93.0	2.259	1.309	0.918	0.704	0.569	0.476	0.409	0.358	0.319	0.287	0.260	0.238	0.220	0.204	0.190	0.178	0.167	0.158	32.0

Table 74. Trees/m^3 of merchantable volume at 0.30 m stump height and 11.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
11.1-13.0	12.2- 14.4	412.239	227.651	159.698	123.557	100.906	85.311	73.897	65.172	58.283	52.705	48.095	44.222	40.923	38.078	35.600	33.423	31.494	29.775	11.9
13.1-15.0	14.5- 16.6	101.919	58.126	40.540	31.079	25.178	21.149	18.225	16.007	14.268	12.868	11.717	10.754	9.937	9.234	8.624	8.089	7.616	7.196	13.5
15.1-17.0	16.8- 18.9	58.710	33.727	23.559	18.070	14.641	12.299	10.600	9.310	8.299	7.485	6.816	6.256	5.781	5.372	5.018	4.707	4.432	4.187	15.0
17.1-19.0	19.0- 21.2	41.331	23.838	16.679	12.805	10.381	8.725	7.522	6.609	5.892	5.315	4.841	4.444	4.107	3.817	3.565	3.344	3.149	2.975	16.4
19.1-21.0	21.3- 23.4	31.722	18.324	12.829	9.852	7.990	6.716	5.790	5.088	4.537	4.093	3.727	3.422	3.162	2.939	2.745	2.575	2.425	2.291	17.7
21.1-23.0	23.6- 25.7	25.552	14.762	10.335	7.936	6.436	5.409	4.664	4.098	3.654	3.296	3.002	2.756	2.547	2.367	2.211	2.074	1.953	1.845	18.9
23.1-25.0	25.8- 28.0	21.237	12.261	8.581	6.588	5.341	4.488	3.869	3.399	3.031	2.734	2.489	2.285	2.112	1.963	1.833	1.719	1.619	1.530	20.1
25.1-27.0	28.1- 30.3	18.048	10.409	7.280	5.587	4.528	3.805	3.279	2.880	2.568	2.316	2.109	1.936	1.788	1.662	1.552	1.456	1.371	1.295	21.1
27.1-29.0	30.4- 32.6	15.597	8.984	6.280	4.817	3.903	3.278	2.825	2.481	2.211	1.994	1.816	1.666	1.539	1.431	1.336	1.253	1.180	1.115	22.1
29.1-31.0	32.7- 34.8	13.657	7.857	5.488	4.208	3.408	2.862	2.465	2.165	1.929	1.739	1.584	1.453	1.343	1.247	1.165	1.092	1.029	0.972	23.0
31.1-33.0	35.0- 37.1	12.088	6.945	4.848	3.715	3.008	2.525	2.175	1.909	1.701	1.534	1.396	1.281	1.183	1.099	1.027	0.963	0.906	0.856	23.8
33.1-35.0	37.2- 39.4	10.795	6.195	4.321	3.310	2.679	2.248	1.936	1.699	1.514	1.365	1.242	1.139	1.052	0.978	0.913	0.856	0.806	0.761	24.6
35.1-37.0	39.5- 41.7	9.713	5.568	3.882	2.972	2.405	2.018	1.737	1.524	1.358	1.224	1.114	1.021	0.943	0.876	0.818	0.767	0.722	0.682	25.3
37.1-39.0	41.8- 44.0	8.796	5.038	3.510	2.687	2.173	1.823	1.569	1.376	1.226	1.105	1.005	0.922	0.851	0.791	0.738	0.692	0.651	0.615	25.9
39.1-41.0	44.1- 46.3	8.011	4.584	3.193	2.443	1.975	1.656	1.425	1.250	1.113	1.003	0.913	0.837	0.773	0.718	0.670	0.628	0.591	0.558	26.5
41.1-43.0	46.4- 48.6	7.332	4.193	2.919	2.233	1.805	1.513	1.302	1.142	1.016	0.916	0.833	0.764	0.705	0.655	0.611	0.573	0.539	0.509	27.1
43.1-45.0	48.7- 50.9	6.740	3.853	2.682	2.050	1.657	1.389	1.195	1.048	0.932	0.840	0.764	0.701	0.647	0.601	0.561	0.525	0.495	0.467	27.6
45.1-47.0	51.0- 53.2	6.220	3.554	2.473	1.891	1.528	1.280	1.101	0.965	0.859	0.774	0.704	0.645	0.596	0.553	0.516	0.484	0.455	0.430	28.0
47.1-49.0	53.4- 55.5	5.761	3.291	2.290	1.750	1.414	1.184	1.018	0.893	0.795	0.716	0.651	0.597	0.551	0.511	0.477	0.447	0.421	0.397	28.5
49.1-51.0	55.7- 57.9	5.352	3.057	2.127	1.626	1.313	1.100	0.945	0.829	0.737	0.664	0.604	0.553	0.511	0.474	0.443	0.415	0.390	0.368	28.9
51.1-53.0	58.0- 60.2	4.987	2.849	1.982	1.515	1.223	1.024	0.881	0.772	0.687	0.618	0.562	0.515	0.475	0.441	0.412	0.386	0.363	0.343	29.2
53.1-55.0	60.3- 62.5	4.658	2.662	1.852	1.415	1.143	0.957	0.822	0.721	0.641	0.577	0.525	0.481	0.444	0.412	0.384	0.360	0.339	0.320	29.6
55.1-57.0	62.6- 64.8	4.362	2.493	1.735	1.326	1.070	0.896	0.770	0.675	0.600	0.540	0.491	0.450	0.415	0.386	0.360	0.337	0.317	0.299	29.9
57.1-59.0	65.0- 67.2	4.093	2.341	1.630	1.245	1.005	0.842	0.723	0.634	0.564	0.507	0.461	0.423	0.390	0.362	0.338	0.316	0.298	0.281	30.1
59.1-61.0	67.3- 69.5	3.849	2.203	1.534	1.172	0.946	0.792	0.681	0.596	0.530	0.477	0.434	0.397	0.367	0.340	0.317	0.297	0.280	0.264	30.4
61.1-63.0	69.6- 71.8	3.626	2.077	1.447	1.106	0.893	0.747	0.642	0.562	0.500	0.450	0.409	0.375	0.346	0.321	0.299	0.280	0.264	0.249	30.6
63.1-65.0	71.9- 74.2	3.422	1.961	1.367	1.045	0.844	0.706	0.607	0.531	0.473	0.425	0.386	0.354	0.327	0.303	0.283	0.265	0.249	0.235	30.8
65.1-67.0	74.3- 76.5	3.235	1.856	1.294	0.989	0.799	0.669	0.575	0.503	0.447	0.403	0.366	0.335	0.309	0.287	0.267	0.251	0.236	0.222	31.0
67.1-69.0	76.6- 78.9	3.062	1.759	1.227	0.938	0.758	0.634	0.545	0.477	0.424	0.382	0.347	0.318	0.293	0.272	0.254	0.238	0.223	0.211	31.2
69.1-71.0	79.0- 81.2	2.903	1.669	1.165	0.892	0.720	0.603	0.518	0.453	0.403	0.363	0.329	0.302	0.278	0.258	0.241	0.226	0.212	0.200	31.4
71.1-73.0	81.3- 83.6	2.755	1.586	1.108	0.848	0.685	0.574	0.493	0.431	0.383	0.345	0.313	0.287	0.265	0.246	0.229	0.215	0.202	0.190	31.5
73.1-75.0	83.7- 85.9	2.618	1.510	1.056	0.808	0.653	0.547	0.469	0.411	0.365	0.329	0.299	0.274	0.252	0.234	0.218	0.204	0.192	0.181	31.7
75.1-77.0	86.0- 88.3	2.491	1.438	1.007	0.771	0.623	0.522	0.448	0.392	0.349	0.314	0.285	0.261	0.241	0.223	0.208	0.195	0.183	0.173	31.8
77.1-79.0	88.4- 90.6	2.372	1.372	0.961	0.736	0.595	0.498	0.428	0.375	0.333	0.300	0.272	0.249	0.230	0.213	0.199	0.186	0.175	0.165	31.9
79.1-81.0	90.7- 93.0	2.262	1.310	0.919	0.704	0.569	0.477	0.410	0.359	0.319	0.287	0.260	0.239	0.220	0.204	0.190	0.178	0.167	0.158	32.0

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 75. Trees/m^3 of merchantable volume at 0.30 m stump height and 13.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m)																		Predicted HT (m)
		3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	
13.1-15.0	14.5- 16.6	368.135	205.002	145.389	113.357	93.058	78.954	68.557	60.567	54.231	49.084	44.820	41.230	38.167	35.522	33.217	31.189	29.392	27.788	13.5
15.1-17.0	16.8- 18.9	91.947	52.386	36.610	28.119	22.814	19.187	16.550	14.547	12.975	11.708	10.665	9.792	9.051	8.413	7.859	7.373	6.944	6.561	15.0
17.1-19.0	19.0- 21.2	52.451	29.915	20.830	15.944	12.901	10.826	9.322	8.183	7.290	6.572	5.982	5.489	5.070	4.710	4.398	4.125	3.883	3.668	16.4
19.1-21.0	21.3- 23.4	36.855	21.083	14.691	11.249	9.104	7.641	6.580	5.776	5.147	4.640	4.224	3.876	3.580	3.327	3.106	2.913	2.743	2.591	17.7
21.1-23.0	23.6- 25.7	28.348	16.246	11.328	8.677	7.024	5.896	5.079	4.459	3.973	3.582	3.261	2.993	2.765	2.569	2.399	2.250	2.118	2.001	18.9
23.1-25.0	25.8- 28.0	22.923	13.147	9.170	7.025	5.687	4.774	4.112	3.610	3.217	2.901	2.641	2.423	2.239	2.080	1.942	1.822	1.715	1.620	20.1
25.1-27.0	28.1- 30.3	19.138	10.976	7.655	5.864	4.747	3.985	3.432	3.013	2.685	2.421	2.204	2.022	1.868	1.736	1.621	1.520	1.431	1.352	21.1
27.1-29.0	30.4- 32.6	16.339	9.367	6.532	5.003	4.049	3.398	2.926	2.569	2.289	2.063	1.878	1.723	1.592	1.479	1.381	1.295	1.219	1.152	22.1
29.1-31.0	32.7- 34.8	14.183	8.126	5.664	4.337	3.509	2.945	2.536	2.226	1.983	1.787	1.627	1.493	1.379	1.281	1.196	1.121	1.056	0.997	23.0
31.1-33.0	35.0- 37.1	12.473	7.141	4.976	3.809	3.081	2.585	2.225	1.953	1.740	1.568	1.427	1.309	1.209	1.123	1.049	0.983	0.926	0.874	23.8
33.1-35.0	37.2- 39.4	11.083	6.341	4.416	3.379	2.733	2.292	1.973	1.731	1.542	1.390	1.265	1.160	1.071	0.995	0.929	0.871	0.820	0.774	24.6
35.1-37.0	39.5- 41.7	9.934	5.679	3.954	3.025	2.445	2.051	1.765	1.548	1.379	1.242	1.130	1.037	0.958	0.889	0.830	0.778	0.733	0.692	25.3
37.1-39.0	41.8- 44.0	8.969	5.124	3.566	2.727	2.204	1.848	1.590	1.395	1.242	1.119	1.018	0.934	0.862	0.801	0.747	0.701	0.660	0.623	25.9
39.1-41.0	44.1- 46.3	8.148	4.653	3.237	2.475	2.000	1.676	1.442	1.265	1.126	1.014	0.923	0.846	0.781	0.726	0.677	0.635	0.598	0.564	26.5
41.1-43.0	46.4- 48.6	7.443	4.248	2.955	2.258	1.825	1.529	1.315	1.153	1.026	0.925	0.841	0.771	0.712	0.661	0.617	0.578	0.544	0.514	27.1
43.1-45.0	48.7- 50.9	6.830	3.897	2.710	2.071	1.673	1.402	1.205	1.057	0.941	0.847	0.770	0.706	0.652	0.606	0.565	0.530	0.498	0.471	27.6
45.1-47.0	51.0- 53.2	6.294	3.591	2.497	1.908	1.541	1.291	1.110	0.973	0.866	0.780	0.709	0.650	0.600	0.557	0.520	0.487	0.458	0.433	28.0
47.1-49.0	53.4- 55.5	5.822	3.321	2.309	1.764	1.424	1.193	1.026	0.899	0.800	0.720	0.655	0.600	0.554	0.514	0.480	0.450	0.423	0.400	28.5
49.1-51.0	55.7- 57.9	5.404	3.083	2.143	1.637	1.322	1.107	0.951	0.834	0.742	0.668	0.607	0.557	0.514	0.477	0.445	0.417	0.392	0.370	28.9
51.1-53.0	58.0- 60.2	5.030	2.870	1.996	1.524	1.231	1.030	0.886	0.776	0.690	0.621	0.565	0.518	0.478	0.444	0.414	0.388	0.365	0.344	29.2
53.1-55.0	60.3- 62.5	4.695	2.680	1.864	1.423	1.149	0.962	0.827	0.724	0.644	0.580	0.527	0.483	0.446	0.414	0.386	0.362	0.340	0.321	29.6
55.1-57.0	62.6- 64.8	4.394	2.509	1.745	1.333	1.076	0.901	0.774	0.678	0.603	0.543	0.493	0.452	0.417	0.387	0.361	0.338	0.318	0.301	29.9
57.1-59.0	65.0- 67.2	4.121	2.354	1.638	1.251	1.010	0.845	0.726	0.636	0.566	0.509	0.463	0.424	0.391	0.363	0.339	0.317	0.299	0.282	30.1
59.1-61.0	67.3- 69.5	3.873	2.214	1.541	1.177	0.950	0.795	0.683	0.599	0.532	0.479	0.435	0.399	0.368	0.342	0.319	0.298	0.281	0.265	30.4
61.1-63.0	69.6- 71.8	3.647	2.087	1.453	1.110	0.896	0.750	0.644	0.564	0.502	0.452	0.410	0.376	0.347	0.322	0.300	0.281	0.264	0.250	30.6
63.1-65.0	71.9- 74.2	3.440	1.970	1.373	1.049	0.847	0.709	0.609	0.533	0.474	0.427	0.388	0.355	0.328	0.304	0.283	0.266	0.250	0.236	30.8
65.1-67.0	74.3- 76.5	3.250	1.864	1.299	0.993	0.802	0.671	0.576	0.505	0.449	0.404	0.367	0.336	0.310	0.288	0.268	0.251	0.236	0.223	31.0
67.1-69.0	76.6- 78.9	3.076	1.766	1.232	0.942	0.760	0.636	0.547	0.479	0.425	0.383	0.348	0.319	0.294	0.273	0.254	0.238	0.224	0.211	31.2
69.1-71.0	79.0- 81.2	2.915	1.675	1.169	0.894	0.722	0.604	0.519	0.455	0.404	0.364	0.330	0.302	0.279	0.259	0.241	0.226	0.213	0.201	31.4
71.1-73.0	81.3- 83.6	2.766	1.592	1.112	0.851	0.687	0.575	0.494	0.432	0.384	0.346	0.314	0.288	0.265	0.246	0.230	0.215	0.202	0.191	31.5
73.1-75.0	83.7- 85.9	2.628	1.515	1.059	0.810	0.655	0.548	0.471	0.412	0.366	0.329	0.299	0.274	0.253	0.234	0.219	0.205	0.193	0.182	31.7
75.1-77.0	86.0- 88.3	2.499	1.443	1.010	0.773	0.624	0.523	0.449	0.393	0.349	0.314	0.286	0.261	0.241	0.224	0.209	0.195	0.184	0.173	31.8
77.1-79.0	88.4- 90.6	2.380	1.376	0.964	0.738	0.597	0.499	0.429	0.376	0.334	0.300	0.273	0.250	0.230	0.214	0.199	0.187	0.175	0.165	31.9
79.1-81.0	90.7- 93.0	2.269	1.314	0.921	0.706	0.571	0.478	0.410	0.359	0.319	0.287	0.261	0.239	0.220	0.204	0.191	0.178	0.168	0.158	32.0

ALBERTA LAND AND FOREST SERVICES —— INDIVIDUAL TREE VOLUME TABLE (1994)

Table 76. Trees/m^3 of merchantable volume at 0.30 m stump height and 15.0 cm top dib

SPECIES: SOFTWOOD
NATURAL REGIONS: 1, 3, 4, 5, 6, 12, 13

DBHOB (cm)	STUMP DOB (cm)	TOTAL TREE HEIGHT (m) 3.1-5.0	5.1-7.0	7.1-9.0	9.1-11.0	11.1-13.0	13.1-15.0	15.1-17.0	17.1-19.0	19.1-21.0	21.1-23.0	23.1-25.0	25.1-27.0	27.1-29.0	29.1-31.0	31.1-33.0	33.1-35.0	35.1-37.0	37.1-39.0	Predicted HT (m)
15.1-17.0	16.8- 18.9	321.911	182.331	131.163	103.210	85.225	72.581	63.179	55.908	50.115	45.392	41.470	38.161	35.333	32.888	30.755	28.878	27.213	25.727	15.0
17.1-19.0	19.0- 21.2	83.853	48.022	33.778	26.082	21.250	17.930	15.507	13.661	12.206	11.031	10.062	9.249	8.557	7.962	7.443	6.988	6.585	6.225	16.4
19.1-21.0	21.3- 23.4	47.667	27.109	18.865	14.436	11.678	9.798	8.435	7.403	6.594	5.944	5.409	4.963	4.584	4.258	3.976	3.728	3.509	3.315	17.7
21.1-23.0	23.6- 25.7	33.432	19.022	13.220	10.105	8.168	6.848	5.893	5.170	4.604	4.149	3.775	3.463	3.198	2.971	2.773	2.600	2.448	2.312	18.9
23.1-25.0	25.8- 28.0	25.734	14.660	10.191	7.790	6.297	5.280	4.543	3.986	3.550	3.199	2.911	2.670	2.466	2.291	2.138	2.005	1.887	1.783	20.1
25.1-27.0	28.1- 30.3	20.856	11.891	8.268	6.321	5.110	4.285	3.687	3.235	2.881	2.596	2.363	2.167	2.001	1.859	1.736	1.628	1.532	1.447	21.1
27.1-29.0	30.4- 32.6	17.463	9.960	6.926	5.296	4.281	3.589	3.089	2.710	2.413	2.175	1.979	1.815	1.677	1.557	1.454	1.363	1.283	1.212	22.1
29.1-31.0	32.7- 34.8	14.956	8.531	5.932	4.535	3.666	3.074	2.645	2.320	2.066	1.862	1.694	1.554	1.435	1.333	1.244	1.167	1.098	1.037	23.0
31.1-33.0	35.0- 37.1	13.025	7.429	5.165	3.948	3.191	2.675	2.302	2.019	1.798	1.620	1.474	1.352	1.248	1.160	1.082	1.015	0.955	0.902	23.8
33.1-35.0	37.2- 39.4	11.491	6.552	4.555	3.481	2.813	2.358	2.028	1.779	1.584	1.427	1.298	1.191	1.100	1.021	0.953	0.894	0.841	0.794	24.6
35.1-37.0	39.5- 41.7	10.242	5.838	4.058	3.101	2.505	2.099	1.806	1.584	1.410	1.270	1.156	1.060	0.978	0.909	0.848	0.795	0.748	0.707	25.3
37.1-39.0	41.8- 44.0	9.207	5.246	3.646	2.785	2.250	1.885	1.621	1.422	1.266	1.140	1.037	0.951	0.878	0.815	0.761	0.713	0.671	0.634	25.9
39.1-41.0	44.1- 46.3	8.335	4.748	3.299	2.520	2.035	1.705	1.466	1.286	1.144	1.031	0.937	0.859	0.793	0.737	0.688	0.645	0.607	0.573	26.5
41.1-43.0	46.4- 48.6	7.591	4.324	3.004	2.294	1.852	1.552	1.334	1.170	1.041	0.937	0.853	0.782	0.722	0.670	0.625	0.586	0.551	0.521	27.1
43.1-45.0	48.7- 50.9	6.950	3.958	2.750	2.100	1.695	1.420	1.221	1.070	0.952	0.857	0.780	0.715	0.660	0.613	0.572	0.536	0.504	0.476	27.6
45.1-47.0	51.0- 53.2	6.393	3.641	2.529	1.931	1.559	1.305	1.122	0.983	0.875	0.788	0.716	0.657	0.606	0.563	0.525	0.492	0.463	0.437	28.0
47.1-49.0	53.4- 55.5	5.904	3.363	2.336	1.783	1.439	1.205	1.036	0.908	0.807	0.727	0.661	0.606	0.559	0.519	0.484	0.454	0.427	0.403	28.5
49.1-51.0	55.7- 57.9	5.471	3.117	2.165	1.653	1.334	1.117	0.960	0.841	0.748	0.673	0.612	0.561	0.518	0.481	0.448	0.420	0.395	0.373	28.9
51.1-53.0	58.0- 60.2	5.087	2.899	2.014	1.538	1.241	1.039	0.893	0.782	0.695	0.626	0.569	0.522	0.481	0.447	0.417	0.391	0.367	0.347	29.2
53.1-55.0	60.3- 62.5	4.743	2.704	1.879	1.435	1.158	0.969	0.833	0.729	0.649	0.584	0.531	0.486	0.449	0.416	0.389	0.364	0.342	0.323	29.6
55.1-57.0	62.6- 64.8	4.435	2.530	1.759	1.343	1.083	0.907	0.779	0.682	0.607	0.546	0.496	0.455	0.420	0.389	0.363	0.340	0.320	0.302	29.9
57.1-59.0	65.0- 67.2	4.156	2.372	1.650	1.260	1.016	0.851	0.731	0.640	0.569	0.512	0.465	0.426	0.393	0.365	0.341	0.319	0.300	0.283	30.1
59.1-61.0	67.3- 69.5	3.903	2.230	1.551	1.185	0.956	0.800	0.687	0.602	0.535	0.481	0.437	0.401	0.370	0.343	0.320	0.300	0.282	0.266	30.4
61.1-63.0	69.6- 71.8	3.673	2.100	1.462	1.116	0.901	0.754	0.648	0.567	0.504	0.454	0.412	0.378	0.348	0.323	0.301	0.282	0.266	0.251	30.6
63.1-65.0	71.9- 74.2	3.463	1.982	1.380	1.054	0.851	0.712	0.612	0.536	0.476	0.428	0.389	0.357	0.329	0.305	0.285	0.267	0.251	0.237	30.8
65.1-67.0	74.3- 76.5	3.270	1.874	1.306	0.998	0.805	0.674	0.579	0.507	0.450	0.405	0.368	0.337	0.311	0.289	0.269	0.252	0.237	0.224	31.0
67.1-69.0	76.6- 78.9	3.093	1.775	1.237	0.946	0.763	0.639	0.549	0.480	0.427	0.384	0.349	0.320	0.295	0.274	0.255	0.239	0.225	0.212	31.2
69.1-71.0	79.0- 81.2	2.930	1.683	1.175	0.898	0.725	0.607	0.521	0.456	0.405	0.365	0.331	0.303	0.280	0.260	0.242	0.227	0.213	0.201	31.4
71.1-73.0	81.3- 83.6	2.780	1.599	1.117	0.854	0.689	0.577	0.496	0.434	0.386	0.347	0.315	0.289	0.266	0.247	0.230	0.216	0.203	0.191	31.5
73.1-75.0	83.7- 85.9	2.640	1.521	1.063	0.813	0.657	0.550	0.472	0.413	0.367	0.330	0.300	0.275	0.253	0.235	0.219	0.205	0.193	0.182	31.7
75.1-77.0	86.0- 88.3	2.510	1.448	1.013	0.776	0.626	0.524	0.450	0.394	0.350	0.315	0.286	0.262	0.242	0.224	0.209	0.196	0.184	0.174	31.8
77.1-79.0	88.4- 90.6	2.390	1.381	0.967	0.741	0.598	0.501	0.430	0.377	0.335	0.301	0.273	0.250	0.231	0.214	0.200	0.187	0.176	0.166	31.9
79.1-81.0	90.7- 93.0	2.277	1.319	0.924	0.708	0.572	0.479	0.411	0.360	0.320	0.288	0.262	0.239	0.221	0.205	0.191	0.179	0.168	0.159	32.0

Appendix 1.

List of Natural Regions of Alberta

Natural region 1 — Central mixedwood

Natural region 2 — Dry mixedwood

Natural region 3 — Wetland mixedwood

Natural region 4 — Sub-Arctic

Natural region 5 — Peace River Lowlands

Natural region 6 — Boreal Highlands

Natural region 7 — Alpine

Natural region 8 — Sub-Alpine

Natural region 9 — Montane

Natural region 10 — Upper Foothills

Natural region 11 — Lower Foothills

Natural region 12 — Athabasca Plain

Natural region 13 — Kazan Upland

Natural region 14 — Foothills Parkland

Natural region 15 — Peace River Parkland

Natural region 16 — Central Parkland

Natural region 17 — Dry mixedgrass

Natural region 18 — Foothills Fescue

Natural region 19 — Northern Fescue

Natural region 20 — Mixedgrass

Appendix 2.

List of Major Alberta Tree Species and Their Species Code

SPECIES	SPECIES CODE	SCIENTIFIC NAME
White spruce	Sw	*Picea glauca* (Moench) Voss
Tamarack	Lt	*Larix laricina* (Du Roi) K. Koch
Engelmann spruce	Se	*Picea engelmannii* Parry ex Engelm.
Lodgepole pine	Pl	*Pinus contorta* var. *latifolia* Engelm.
Jack pine	Pj	*Pinus banksiana* Lamb.
Aspen	Aw	*Populus tremuloides* Michx.
White birch	Bw	*Betula papyrifera* Marsh.
Balsam poplar	Pb	*Populus balsamifera* L.
Black spruce	Sb	*Picea mariana* (Mill.) B.S.P.
Balsam fir	Fb	*Abies balsamea* (L.) Mill.
Alpine fir	Fa	*Abies lasiocarpa* (Hook.) Nutt.
Douglas-fir	Fd	*Pseudotsuga menziesii* (Mirb.) Franco

Appendix 3.

Metric Conversion Chart

1 cm	= 0.39370 in.
1 m	= 3.28083 ft.
1 ha	= 2.47105 acres
1 m^2	= 10.76385 sq. ft.
1 m^3	= 35.31435 cu. ft
1 km	= 0.62137 miles
1 m^2/ha	= 4.3560 sq. ft/acre
1 m^3/ha	= 14.2913 cu. ft/acre

1 in.	= 2.5400 cm
1 ft.	= 0.3048 m
1 acre	= 0.4047 ha
1 sq. ft.	= 0.09290 m^2
1 cu. ft.	= 0.02832 m^3
1 mile	= 1.6093 km
1 fbm	= 1 ft. × 1 ft. × 1 in.
1 Mfbm	= 1000 foot board measure (fbm)

1 m^3 log	≈233 board feet lumber (provincial average conversion factor)
1 Mfbm	≈4.3 m^3 log (provincial average conversion factor)