Ecologically Based Individual Tree Volume Estimation for Major Alberta Tree Species

Report # 12

Ecologically Based Individual Tree Volume Tables for Hardwood Groups

Shongming Huang, Stephen J. Titus, and Tom W. Lakusta

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For copies of this document, please contact:

Forest Resource Information Branch
Forest Management Division
Land and Forest Services
Alberta Environmental Protection
8th Floor, Bramalea Building
9920 - 108 Street
Edmonton, Alberta, Canada T5K 2M4

Telephone: (403) - 427 - 8401
Fax: (403) - 427 - 0084

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

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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 hardwood 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.

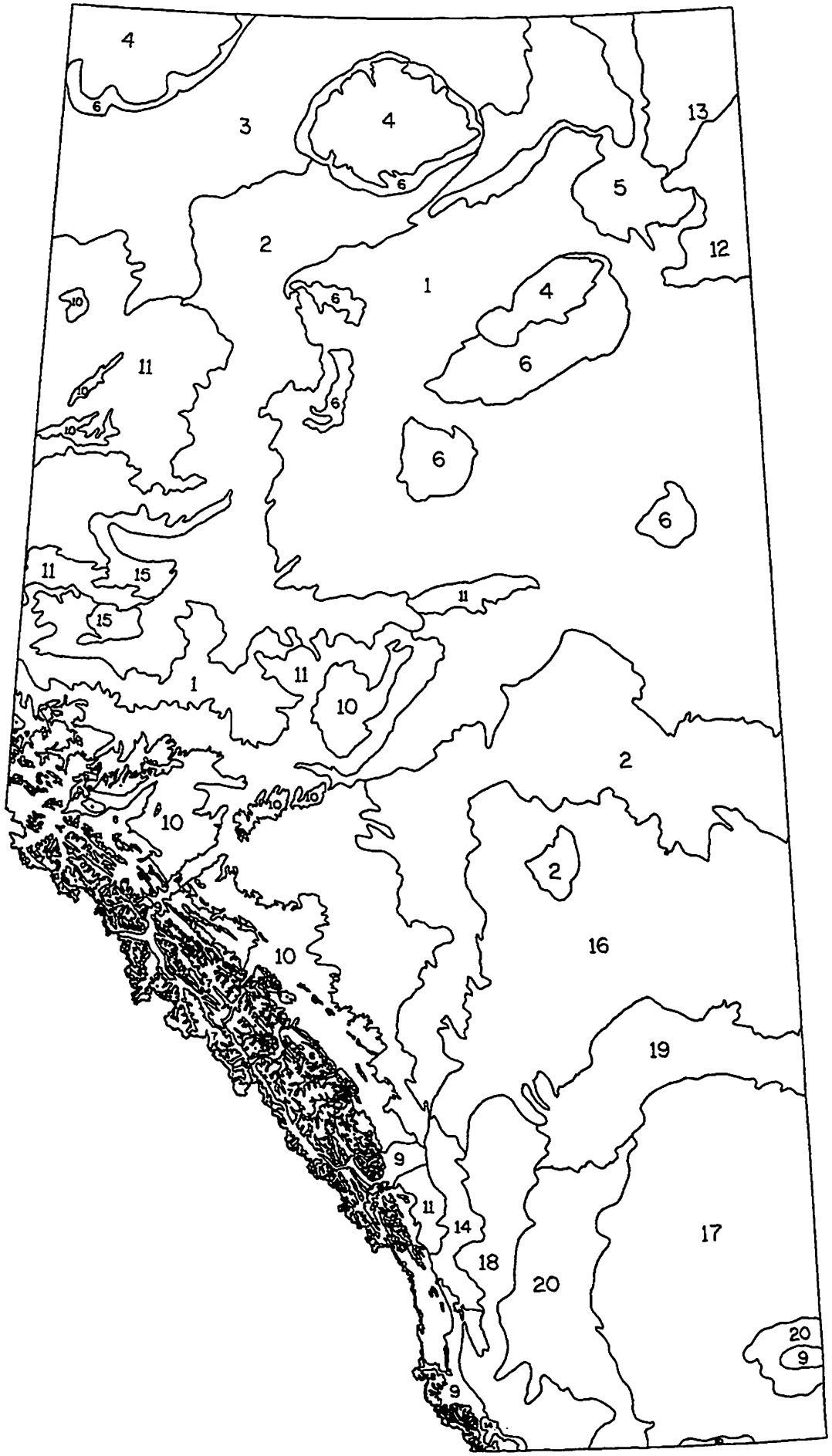
2. The relationships between tree height and tree diameter, diameter outside bark and inside bark,

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.



1 - Central Mixedwood
2 - Dry Mixedwood
3 - Wetland Mixedwood
4 - Sub-Arctic
5 - Peace River Lowlands
6 - Boreal Highlands
7 - Alpine
8 - Sub-Alpine
9 - Montane
10 - Upper Foothills
11 - Lower Foothills
12 - Athabasca Plain
13 - Kazan Upland
14 - Foothills Parkland
15 - Peace River Parkland
16 - Central Parkland
17 - Dry Mixedgrass
18 - Foothills Fescue
19 - Northern Fescue
20 - Mixedgrass

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 22.7 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 32.4 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 37.1 cm and 39.0 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 0.5499 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 22.7 m. The gross total cubic metre volume of the tree from Table 1 is 0.6081 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 0.2074 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 19.8 m, and the gross total volume of the tree from Table 1 is 0.3020 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 14.69 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 0.5836 m^3 is read from the corresponding merchantable volume table (Table 8). Therefore this log has 0.5836 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: HARDWOOD
NATURAL REGIONS: 2, 14, 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	1.6- 3.5	0.0005	0.0007	0.0010	0.0012	0.0015	0.0017	0.0020	0.0022	0.0025	0.0027	0.0029	0.0032	0.0034	0.0037	0.0039	0.0042	0.0044	0.0046	4.0
3.1- 5.0	3.6- 5.5	0.0024	0.0037	0.0049	0.0062	0.0075	0.0088	0.0101	0.0113	0.0126	0.0139	0.0152	0.0164	0.0177	0.0190	0.0203	0.0216	0.0228	0.0241	6.4
5.1- 7.0	5.6- 7.6	0.0050	0.0077	0.0104	0.0131	0.0158	0.0185	0.0212	0.0239	0.0267	0.0294	0.0321	0.0348	0.0375	0.0402	0.0430	0.0457	0.0484	0.0511	8.6
7.1- 9.0	7.7- 9.7	0.0083	0.0129	0.0176	0.0222	0.0268	0.0314	0.0361	0.0407	0.0453	0.0500	0.0546	0.0593	0.0639	0.0685	0.0732	0.0778	0.0825	0.0871	10.5
9.1-11.0	9.8- 11.8	0.0125	0.0194	0.0264	0.0334	0.0404	0.0474	0.0545	0.0615	0.0686	0.0756	0.0827	0.0897	0.0968	0.1038	0.1109	0.1179	0.1250	0.1320	12.3
11.1-13.0	11.9- 14.0	0.0173	0.0271	0.0369	0.0467	0.0566	0.0665	0.0764	0.0863	0.0963	0.1062	0.1161	0.1261	0.1360	0.1460	0.1559	0.1659	0.1758	0.1858	13.9
13.1-15.0	14.1- 16.2	0.0230	0.0359	0.0490	0.0622	0.0754	0.0886	0.1019	0.1152	0.1284	0.1417	0.1550	0.1684	0.1817	0.1950	0.2083	0.2216	0.2350	0.2483	15.3
15.1-17.0	16.3- 18.4	0.0293	0.0459	0.0627	0.0797	0.0967	0.1137	0.1308	0.1479	0.1651	0.1822	0.1994	0.2166	0.2337	0.2509	0.2681	0.2853	0.3025	0.3197	16.6
17.1-19.0	18.5- 20.6	0.0365	0.0572	0.0781	0.0993	0.1205	0.1419	0.1633	0.1847	0.2062	0.2277	0.2492	0.2707	0.2922	0.3138	0.3353	0.3569	0.3785	0.4000	17.8
19.1-21.0	20.7- 22.9	0.0445	0.0696	0.0952	0.1210	0.1470	0.1731	0.1993	0.2255	0.2518	0.2782	0.3045	0.3309	0.3573	0.3837	0.4101	0.4365	0.4630	0.4894	18.8
21.1-23.0	23.0- 25.2	0.0534	0.0833	0.1139	0.1448	0.1760	0.2074	0.2389	0.2704	0.3020	0.3337	0.3654	0.3971	0.4289	0.4607	0.4924	0.5242	0.5561	0.5879	19.8
23.1-25.0	25.3- 27.5	0.0631	0.0983	0.1344	0.1709	0.2078	0.2448	0.2821	0.3194	0.3569	0.3944	0.4319	0.4695	0.5072	0.5448	0.5825	0.6202	0.6579	0.6957	20.6
25.1-27.0	27.7- 29.9	0.0738	0.1147	0.1566	0.1991	0.2422	0.2855	0.3290	0.3726	0.4164	0.4603	0.5042	0.5482	0.5922	0.6363	0.6804	0.7245	0.7687	0.8129	21.4
27.1-29.0	30.0- 32.3	0.0856	0.1325	0.1806	0.2297	0.2793	0.3293	0.3796	0.4301	0.4807	0.5315	0.5823	0.6332	0.6842	0.7352	0.7863	0.8374	0.8885	0.9396	22.1
29.1-31.0	32.4- 34.7	0.0984	0.1517	0.2066	0.2626	0.3193	0.3765	0.4341	0.4919	0.5499	0.6081	0.6663	0.7247	0.7832	0.8417	0.9002	0.9588	1.0175	1.0762	22.7
31.1-33.0	34.8- 37.2	0.1124	0.1725	0.2344	0.2978	0.3621	0.4271	0.4924	0.5581	0.6240	0.6902	0.7564	0.8228	0.8893	0.9558	1.0225	1.0891	1.1559	1.2226	23.3
33.1-35.0	37.3- 39.7	0.1276	0.1948	0.2643	0.3356	0.4079	0.4811	0.5548	0.6288	0.7032	0.7778	0.8526	0.9276	1.0027	1.0778	1.1531	1.2284	1.3038	1.3792	23.8
35.1-37.0	39.8- 42.2	0.1441	0.2189	0.2963	0.3758	0.4568	0.5386	0.6211	0.7042	0.7876	0.8712	0.9552	1.0392	1.1235	1.2078	1.2923	1.3769	1.4615	1.5462	24.2
37.1-39.0	42.3- 44.7	0.1621	0.2447	0.3305	0.4188	0.5087	0.5998	0.6917	0.7842	0.8772	0.9705	1.0641	1.1579	1.2519	1.3460	1.4403	1.5347	1.6291	1.7237	24.6
39.1-41.0	44.8- 47.3	0.1815	0.2724	0.3669	0.4644	0.5639	0.6647	0.7665	0.8691	0.9722	1.0757	1.1796	1.2837	1.3880	1.4926	1.5972	1.7020	1.8070	1.9120	25.0
41.1-43.0	47.4- 49.9	0.2026	0.3020	0.4057	0.5128	0.6223	0.7334	0.8457	0.9589	1.0727	1.1870	1.3017	1.4168	1.5321	1.6476	1.7633	1.8792	1.9952	2.1113	25.3
43.1-45.0	50.0- 52.5	0.2254	0.3337	0.4469	0.5642	0.6842	0.8061	0.9294	1.0538	1.1789	1.3046	1.4308	1.5573	1.6842	1.8114	1.9387	2.0663	2.1940	2.3218	25.6
45.1-47.0	52.6- 55.2	0.2500	0.3676	0.4907	0.6185	0.7495	0.8828	1.0177	1.1538	1.2908	1.4285	1.5668	1.7055	1.8446	1.9840	2.1237	2.2636	2.4036	2.5439	25.9
47.1-49.0	55.3- 57.8	0.2766	0.4038	0.5372	0.6760	0.8185	0.9637	1.1108	1.2592	1.4087	1.5590	1.7100	1.8615	2.0135	2.1658	2.3184	2.4713	2.6244	2.7777	26.2
49.1-51.0	58.0- 60.6	0.3053	0.4424	0.5865	0.7367	0.8913	1.0489	1.2086	1.3700	1.5327	1.6962	1.8606	2.0255	2.1910	2.3569	2.5231	2.6897	2.8565	3.0235	26.4
51.1-53.0	60.7- 63.3	0.3363	0.4836	0.6387	0.8008	0.9679	1.1385	1.3115	1.4865	1.6628	1.8403	2.0187	2.1977	2.3774	2.5575	2.7381	2.9190	3.1001	3.2816	26.6
53.1-55.0	63.4- 66.1	0.3698	0.5275	0.6940	0.8684	1.0485	1.2326	1.4196	1.6087	1.7994	1.9914	2.1845	2.3783	2.5728	2.7679	2.9635	3.1594	3.3557	3.5523	26.8
55.1-57.0	66.2- 68.9	0.4058	0.5742	0.7524	0.9396	1.1333	1.3315	1.5329	1.7368	1.9426	2.1498	2.3582	2.5675	2.7776	2.9883	3.1996	3.4113	3.6234	3.8359	26.9
57.1-59.0	69.0- 71.7	0.4445	0.6240	0.8142	1.0147	1.2224	1.4352	1.6517	1.8710	2.0925	2.3156	2.5400	2.7654	2.9918	3.2189	3.4466	3.6749	3.9035	4.1326	27.1
59.1-61.0	71.9- 74.6	0.4863	0.6769	0.8795	1.0936	1.3159	1.5439	1.7761	2.0115	2.2493	2.4889	2.7301	2.9724	3.2158	3.4600	3.7049	3.9504	4.1964	4.4428	27.2
61.1-63.0	74.7- 77.5	0.5312	0.7332	0.9485	1.1766	1.4139	1.6578	1.9063	2.1584	2.4132	2.6701	2.9287	3.1887	3.4498	3.7118	3.9747	4.2382	4.5023	4.7669	27.3
63.1-65.0	77.6- 80.4	0.5795	0.7931	1.0213	1.2639	1.5168	1.7770	2.0425	2.3119	2.5844	2.8593	3.1360	3.4144	3.6940	3.9746	4.2562	4.5385	4.8215	5.1050	27.4
65.1-67.0	80.6- 83.4	0.6314	0.8567	1.0981	1.3556	1.6246	1.9017	2.1847	2.4722	2.7631	3.0567	3.3523	3.6498	3.9486	4.2487	4.5498	4.8517	5.1543	5.4576	27.5
67.1-69.0	83.5- 86.3	0.6872	0.9242	1.1791	1.4519	1.7375	2.0321	2.3334	2.6395	2.9495	3.2625	3.5779	3.8952	4.2141	4.5343	4.8557	5.1780	5.5012	5.8251	27.6
69.1-71.0	86.5- 89.3	0.7471	0.9960	1.2646	1.5531	1.8557	2.1684	2.4885	2.8141	3.1439	3.4770	3.8128	4.1508	4.4905	4.8317	5.1743	5.5178	5.8623	6.2076	27.7
71.1-73.0	89.5- 92.4	0.8115	1.0721	1.3546	1.6592	1.9794	2.3108	2.6503	2.9960	3.3463	3.7004	4.0574	4.4168	4.7782	5.1413	5.5058	5.8714	6.2381	6.6057	27.8
73.1-75.0	92.5- 95.5	0.8805	1.1529	1.4495	1.7705	2.1088	2.4595	2.8191	3.1856	3.5572	3.9329	4.3120	4.6936	5.0775	5.4633	5.8506	6.2392	6.6289	7.0197	27.8
75.1-77.0	95.6- 98.6	0.9546	1.2387	1.5494	1.8872	2.2441	2.6146	2.9951	3.3830	3.7767	4.1749	4.5767	4.9815	5.3887	5.7980	6.2090	6.6214	7.0351	7.4500	27.9
77.1-79.0	98.7-101.7	1.0340	1.3296	1.6547	2.0095	2.3855	2.7765	3.1784	3.5886	4.0050	4.4265	4.8519	5.2806	5.7120	6.1457	6.5813	7.0185	7.4571	7.8969	27.9
79.1-81.0	101.8-104.8	1.1192	1.4260	1.7655	2.1378	2.5333	2.9453	3.3694	3.8024	4.2425	4.6880	5.1379	5.5914	6.0479	6.5068	6.9679	7.4307	7.8951	8.3609	28.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	1.3- 3.3	0.0004	0.0007	0.0009	0.0011	0.0013	0.0016	0.0018	0.0020	0.0022	0.0024	0.0027	0.0029	0.0031	0.0033	0.0036	0.0038	0.0040	0.0042	3.5
3.1- 5.0	3.4- 5.5	0.0022	0.0034	0.0046	0.0058	0.0070	0.0081	0.0093	0.0105	0.0117	0.0129	0.0141	0.0152	0.0164	0.0176	0.0188	0.0200	0.0211	0.0223	5.9
5.1- 7.0	5.6- 7.6	0.0049	0.0075	0.0101	0.0127	0.0153	0.0179	0.0206	0.0232	0.0258	0.0284	0.0310	0.0336	0.0363	0.0389	0.0415	0.0441	0.0467	0.0493	8.2
7.1- 9.0	7.8- 9.8	0.0084	0.0130	0.0176	0.0221	0.0267	0.0313	0.0359	0.0405	0.0451	0.0496	0.0542	0.0588	0.0634	0.0680	0.0726	0.0772	0.0817	0.0863	10.4
9.1-11.0	9.9- 12.0	0.0128	0.0199	0.0269	0.0340	0.0411	0.0481	0.0552	0.0623	0.0694	0.0764	0.0835	0.0906	0.0977	0.1048	0.1119	0.1190	0.1260	0.1331	12.3
11.1-13.0	12.1- 14.2	0.0181	0.0281	0.0381	0.0482	0.0583	0.0683	0.0784	0.0885	0.0986	0.1087	0.1188	0.1289	0.1390	0.1491	0.1592	0.1693	0.1794	0.1896	14.1
13.1-15.0	14.3- 16.4	0.0241	0.0376	0.0511	0.0647	0.0783	0.0919	0.1055	0.1191	0.1327	0.1464	0.1600	0.1736	0.1873	0.2009	0.2145	0.2282	0.2418	0.2555	15.7
15.1-17.0	16.6- 18.7	0.0310	0.0484	0.0659	0.0835	0.1010	0.1187	0.1363	0.1539	0.1716	0.1893	0.2069	0.2246	0.2423	0.2600	0.2777	0.2954	0.3131	0.3308	17.1
17.1-19.0	18.8- 20.9	0.0386	0.0604	0.0824	0.1044	0.1265	0.1486	0.1708	0.1930	0.2152	0.2374	0.2596	0.2818	0.3040	0.3263	0.3485	0.3708	0.3930	0.4153	18.3
19.1-21.0	21.0- 23.2	0.0471	0.0737	0.1005	0.1275	0.1546	0.1817	0.2089	0.2361	0.2633	0.2906	0.3178	0.3451	0.3724	0.3997	0.4270	0.4543	0.4816	0.5089	19.4
21.1-23.0	23.3- 25.4	0.0563	0.0882	0.1204	0.1528	0.1853	0.2179	0.2506	0.2833	0.3161	0.3488	0.3816	0.4144	0.4473	0.4801	0.5129	0.5458	0.5787	0.6115	20.3
23.1-25.0	25.6- 27.7	0.0663	0.1038	0.1418	0.1801	0.2186	0.2572	0.2958	0.3345	0.3733	0.4121	0.4509	0.4897	0.5286	0.5675	0.6064	0.6453	0.6842	0.7231	21.2
25.1-27.0	27.8- 30.0	0.0771	0.1207	0.1649	0.2096	0.2544	0.2994	0.3445	0.3897	0.4349	0.4802	0.5256	0.5709	0.6163	0.6617	0.7071	0.7526	0.7980	0.8435	21.9
27.1-29.0	30.1- 32.3	0.0887	0.1388	0.1897	0.2410	0.2927	0.3446	0.3966	0.4488	0.5010	0.5532	0.6056	0.6579	0.7103	0.7627	0.8152	0.8676	0.9201	0.9726	22.6
29.1-31.0	32.4- 34.6	0.1011	0.1581	0.2160	0.2745	0.3335	0.3927	0.4521	0.5117	0.5713	0.6311	0.6909	0.7507	0.8106	0.8705	0.9304	0.9904	1.0504	1.1104	23.1
31.1-33.0	34.7- 36.9	0.1143	0.1785	0.2439	0.3101	0.3768	0.4438	0.5110	0.5785	0.6460	0.7136	0.7814	0.8492	0.9170	0.9849	1.0528	1.1208	1.1887	1.2568	23.6
33.1-35.0	37.1- 39.3	0.1284	0.2002	0.2734	0.3476	0.4225	0.4977	0.5732	0.6490	0.7249	0.8009	0.8771	0.9533	1.0296	1.1059	1.1823	1.2587	1.3351	1.4116	24.1
35.1-37.0	39.4- 41.6	0.1434	0.2231	0.3045	0.3872	0.4706	0.5545	0.6387	0.7233	0.8080	0.8929	0.9779	1.0630	1.1482	1.2334	1.3187	1.4041	1.4895	1.5749	24.5
37.1-39.0	41.7- 44.0	0.1593	0.2472	0.3372	0.4287	0.5211	0.6141	0.7075	0.8013	0.8953	0.9895	1.0838	1.1783	1.2728	1.3675	1.4622	1.5569	1.6517	1.7466	24.8
39.1-41.0	44.1- 46.4	0.1761	0.2726	0.3716	0.4722	0.5740	0.6765	0.7795	0.8830	0.9867	1.0907	1.1948	1.2990	1.4034	1.5079	1.6125	1.7171	1.8218	1.9265	25.1
41.1-43.0	46.5- 48.7	0.1938	0.2993	0.4075	0.5177	0.6293	0.7417	0.8548	0.9683	1.0822	1.1964	1.3107	1.4253	1.5399	1.6547	1.7696	1.8846	1.9996	2.1147	25.3
43.1-45.0	48.9- 51.1	0.2125	0.3272	0.4450	0.5652	0.6869	0.8097	0.9332	1.0573	1.1818	1.3066	1.4317	1.5569	1.6823	1.8079	1.9336	2.0593	2.1852	2.3111	25.6
45.1-47.0	51.3- 53.5	0.2323	0.3564	0.4842	0.6146	0.7469	0.8805	1.0149	1.1499	1.2854	1.4213	1.5575	1.6939	1.8305	1.9673	2.1042	2.2412	2.3784	2.5156	25.8
47.1-49.0	53.7- 56.0	0.2531	0.3870	0.5250	0.6661	0.8093	0.9540	1.0997	1.2461	1.3931	1.5405	1.6882	1.8363	1.9845	2.1330	2.2816	2.4303	2.5791	2.7281	25.9
49.1-51.0	56.1- 58.4	0.2750	0.4189	0.5674	0.7195	0.8740	1.0302	1.1876	1.3458	1.5047	1.6641	1.8238	1.9839	2.1442	2.3048	2.4655	2.6264	2.7875	2.9486	26.1
51.1-53.0	58.5- 60.8	0.2980	0.4522	0.6115	0.7750	0.9411	1.1092	1.2787	1.4491	1.6203	1.7920	1.9642	2.1368	2.3097	2.4828	2.6561	2.8296	3.0033	3.1771	26.2
53.1-55.0	61.0- 63.3	0.3221	0.4869	0.6573	0.8324	1.0106	1.1910	1.3729	1.5559	1.7398	1.9244	2.1094	2.2949	2.4808	2.6669	2.8532	3.0398	3.2266	3.4135	26.3
55.1-57.0	63.4- 65.7	0.3475	0.5230	0.7048	0.8919	1.0824	1.2755	1.4702	1.6663	1.8633	2.0611	2.2594	2.4583	2.6575	2.8570	3.0569	3.2569	3.4572	3.6577	26.4
57.1-59.0	65.9- 68.2	0.3741	0.5606	0.7541	0.9534	1.1566	1.3627	1.5707	1.7801	1.9907	2.2021	2.4141	2.6267	2.8398	3.0532	3.2670	3.4810	3.6952	3.9097	26.5
59.1-61.0	68.3- 70.7	0.4020	0.5998	0.8051	1.0169	1.2332	1.4526	1.6742	1.8974	2.1219	2.3474	2.5736	2.8004	3.0277	3.2554	3.4835	3.7119	3.9405	4.1694	26.6
61.1-63.0	70.8- 73.2	0.4313	0.6404	0.8579	1.0825	1.3121	1.5452	1.7808	2.0182	2.2571	2.4969	2.7377	2.9791	3.2211	3.4636	3.7064	3.9496	4.1931	4.4368	26.7
63.1-65.0	73.3- 75.7	0.4619	0.6827	0.9125	1.1502	1.3935	1.6406	1.8906	2.1425	2.3961	2.6508	2.9065	3.1629	3.4200	3.6776	3.9357	4.1941	4.4529	4.7119	26.7
65.1-67.0	75.9- 78.3	0.4940	0.7265	0.9689	1.2200	1.4772	1.7388	2.0034	2.2703	2.5389	2.8089	3.0799	3.3518	3.6244	3.8976	4.1713	4.4454	4.7199	4.9947	26.8
67.1-69.0	78.4- 80.8	0.5276	0.7721	1.0271	1.2919	1.5634	1.8396	2.1193	2.4015	2.6856	2.9712	3.2580	3.5457	3.8343	4.1235	4.4132	4.7034	4.9940	5.2850	26.8
69.1-71.0	80.9- 83.3	0.5628	0.8193	1.0873	1.3659	1.6520	1.9433	2.2383	2.5361	2.8361	3.1377	3.4407	3.7447	4.0495	4.3551	4.6613	4.9681	5.2752	5.5828	26.8
71.1-73.0	83.5- 85.9	0.5996	0.8683	1.1494	1.4421	1.7430	2.0496	2.3604	2.6743	2.9905	3.3085	3.6280	3.9486	4.2702	4.5926	4.9157	5.2394	5.5635	5.8881	26.9
73.1-75.0	86.0- 88.5	0.6380	0.9191	1.2135	1.5205	1.8365	2.1588	2.4856	2.8158	3.1486	3.4834	3.8198	4.1575	4.4963	4.8359	5.1763	5.5173	5.8589	6.2009	26.9
75.1-77.0	88.6- 91.0	0.6782	0.9717	1.2795	1.6011	1.9325	2.2707	2.6139	2.9608	3.3106	3.6625	4.0162	4.3714	4.7277	5.0849	5.4430	5.8018	6.1612	6.5211	26.9
77.1-79.0	91.2- 93.6	0.7202	1.0262	1.3476	1.6840	2.0309	2.3854	2.7453	3.1093	3.4763	3.8458	4.2172	4.5902	4.9644	5.3397	5.7159	6.0929	6.4705	6.8487	27.0
79.1-81.0	93.8- 96.2	0.7641	1.0827	1.4178	1.7691	2.1319	2.5029	2.8798	3.2612	3.6459	4.0333	4.4227	4.8139	5.2065	5.6002	5.9949	6.3905	6.7867	7.1836	27.0

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

SPECIES: HARDWOOD
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)
3.1- 5.0	3.4- 5.5	0.0015	0.0023	0.0031	0.0039	0.0047	0.0055	0.0063	0.0071	0.0078	0.0086	0.0094	0.0102	0.0110	0.0118	0.0126	0.0134	0.0142	0.0150	4.4
5.1- 7.0	5.6- 7.7	0.0037	0.0057	0.0078	0.0098	0.0118	0.0139	0.0159	0.0180	0.0200	0.0221	0.0241	0.0262	0.0282	0.0303	0.0323	0.0344	0.0364	0.0384	6.3
7.1- 9.0	7.8- 9.9	0.0069	0.0108	0.0147	0.0186	0.0225	0.0264	0.0303	0.0342	0.0381	0.0420	0.0459	0.0498	0.0537	0.0577	0.0616	0.0655	0.0694	0.0733	8.1
9.1-11.0	10.0- 12.1	0.0111	0.0174	0.0238	0.0301	0.0365	0.0429	0.0493	0.0557	0.0621	0.0685	0.0749	0.0814	0.0878	0.0942	0.1006	0.1071	0.1135	0.1199	9.8
11.1-13.0	12.3- 14.4	0.0163	0.0256	0.0350	0.0444	0.0539	0.0634	0.0729	0.0825	0.0920	0.1015	0.1111	0.1206	0.1302	0.1398	0.1493	0.1589	0.1684	0.1780	11.5
13.1-15.0	14.5- 16.6	0.0224	0.0353	0.0483	0.0614	0.0745	0.0877	0.1010	0.1142	0.1275	0.1408	0.1541	0.1673	0.1807	0.1940	0.2073	0.2206	0.2339	0.2472	13.0
15.1-17.0	16.7- 18.9	0.0295	0.0463	0.0634	0.0807	0.0982	0.1156	0.1331	0.1507	0.1683	0.1859	0.2035	0.2211	0.2387	0.2564	0.2740	0.2917	0.3094	0.3270	14.5
17.1-19.0	19.0- 21.1	0.0374	0.0587	0.0804	0.1024	0.1246	0.1469	0.1692	0.1916	0.2140	0.2365	0.2590	0.2815	0.3040	0.3265	0.3491	0.3717	0.3942	0.4168	15.8
19.1-21.0	21.3- 23.4	0.0461	0.0723	0.0991	0.1262	0.1536	0.1812	0.2088	0.2366	0.2644	0.2922	0.3201	0.3480	0.3759	0.4039	0.4319	0.4598	0.4878	0.5158	17.0
21.1-23.0	23.5- 25.7	0.0557	0.0871	0.1193	0.1520	0.1851	0.2183	0.2518	0.2853	0.3190	0.3526	0.3864	0.4202	0.4540	0.4878	0.5217	0.5556	0.5895	0.6234	18.2
23.1-25.0	25.8- 28.0	0.0661	0.1030	0.1409	0.1796	0.2187	0.2581	0.2977	0.3375	0.3774	0.4174	0.4574	0.4975	0.5377	0.5778	0.6181	0.6583	0.6986	0.7389	19.2
25.1-27.0	28.1- 30.3	0.0773	0.1200	0.1639	0.2088	0.2543	0.3002	0.3464	0.3927	0.4393	0.4859	0.5327	0.5795	0.6264	0.6733	0.7203	0.7673	0.8143	0.8614	20.1
27.1-29.0	30.4- 32.6	0.0893	0.1379	0.1881	0.2395	0.2917	0.3444	0.3974	0.4508	0.5043	0.5580	0.6118	0.6656	0.7196	0.7737	0.8278	0.8819	0.9361	0.9903	21.0
29.1-31.0	32.7- 34.9	0.1021	0.1568	0.2135	0.2716	0.3307	0.3904	0.4507	0.5112	0.5720	0.6330	0.6942	0.7555	0.8169	0.8784	0.9399	1.0015	1.0632	1.1249	21.7
31.1-33.0	35.0- 37.2	0.1157	0.1766	0.2398	0.3049	0.3711	0.4381	0.5058	0.5738	0.6422	0.7108	0.7796	0.8486	0.9176	0.9868	1.0561	1.1255	1.1949	1.2644	22.4
33.1-35.0	37.4- 39.6	0.1300	0.1972	0.2672	0.3392	0.4128	0.4873	0.5625	0.6383	0.7144	0.7908	0.8675	0.9444	1.0214	1.0986	1.1759	1.2532	1.3307	1.4082	23.1
35.1-37.0	39.7- 41.9	0.1452	0.2187	0.2954	0.3746	0.4555	0.5377	0.6206	0.7043	0.7883	0.8728	0.9576	1.0426	1.1277	1.2131	1.2986	1.3842	1.4699	1.5556	23.7
37.1-39.0	42.0- 44.3	0.1612	0.2409	0.3244	0.4108	0.4992	0.5891	0.6799	0.7716	0.8638	0.9564	1.0494	1.1427	1.2362	1.3299	1.4237	1.5177	1.6118	1.7060	24.2
39.1-41.0	44.4- 46.6	0.1779	0.2639	0.3541	0.4477	0.5437	0.6413	0.7402	0.8399	0.9403	1.0413	1.1426	1.2443	1.3462	1.4484	1.5508	1.6534	1.7560	1.8588	24.7
41.1-43.0	46.8- 49.0	0.1955	0.2877	0.3845	0.4853	0.5888	0.6943	0.8012	0.9091	1.0178	1.1271	1.2369	1.3471	1.4576	1.5684	1.6794	1.7906	1.9020	2.0135	25.1
43.1-45.0	49.1- 51.4	0.2138	0.3121	0.4155	0.5234	0.6345	0.7478	0.8627	0.9788	1.0959	1.2136	1.3319	1.4507	1.5698	1.6893	1.8090	1.9289	2.0491	2.1694	25.5
45.1-47.0	51.5- 53.8	0.2330	0.3372	0.4470	0.5620	0.6806	0.8017	0.9246	1.0490	1.1744	1.3006	1.4274	1.5548	1.6826	1.8108	1.9392	2.0680	2.1969	2.3261	25.8
47.1-49.0	53.9- 56.2	0.2531	0.3629	0.4791	0.6010	0.7270	0.8558	0.9868	1.1193	1.2530	1.3877	1.5230	1.6590	1.7955	1.9324	2.0697	2.2072	2.3450	2.4830	26.2
49.1-51.0	56.3- 58.6	0.2739	0.3893	0.5116	0.6403	0.7736	0.9101	1.0490	1.1896	1.3316	1.4747	1.6186	1.7632	1.9083	2.0539	2.2000	2.3463	2.4929	2.6398	26.4
51.1-53.0	58.7- 61.0	0.2956	0.4163	0.5445	0.6798	0.8203	0.9644	1.1111	1.2598	1.4100	1.5614	1.7138	1.8669	2.0207	2.1750	2.3297	2.4849	2.6403	2.7961	26.7
53.1-55.0	61.1- 63.4	0.3182	0.4439	0.5778	0.7196	0.8671	1.0186	1.1730	1.3297	1.4880	1.6477	1.8084	1.9701	2.1324	2.2953	2.4587	2.6226	2.7868	2.9513	26.9
55.1-57.0	63.6- 65.9	0.3417	0.4721	0.6114	0.7595	0.9138	1.0726	1.2346	1.3991	1.5654	1.7333	1.9023	2.0723	2.2431	2.4145	2.5866	2.7590	2.9319	3.1052	27.1
57.1-59.0	66.0- 68.3	0.3661	0.5009	0.6454	0.7994	0.9604	1.1262	1.2957	1.4679	1.6421	1.8180	1.9952	2.1735	2.3526	2.5325	2.7130	2.8940	3.0755	3.2574	27.3
59.1-61.0	68.4- 70.8	0.3913	0.5302	0.6796	0.8394	1.0068	1.1796	1.3563	1.5360	1.7179	1.9017	2.0870	2.2734	2.4607	2.6489	2.8378	3.0273	3.2172	3.4076	27.5
61.1-63.0	70.9- 73.2	0.4175	0.5601	0.7140	0.8794	1.0529	1.2324	1.4162	1.6032	1.7928	1.9843	2.1774	2.3718	2.5672	2.7636	2.9607	3.1585	3.3568	3.5556	27.7
63.1-65.0	73.3- 75.7	0.4447	0.5905	0.7487	0.9193	1.0988	1.2847	1.4754	1.6696	1.8665	2.0656	2.2664	2.4686	2.6720	2.8763	3.0815	3.2874	3.4939	3.7010	27.8
65.1-67.0	75.8- 78.2	0.4727	0.6215	0.7835	0.9591	1.1443	1.3365	1.5338	1.7349	1.9390	2.1454	2.3537	2.5636	2.7747	2.9869	3.2000	3.4139	3.6284	3.8436	27.9
67.1-69.0	78.3- 80.7	0.5018	0.6530	0.8185	0.9987	1.1894	1.3876	1.5912	1.7991	2.0102	2.2238	2.4394	2.6567	2.8754	3.0953	3.3161	3.5378	3.7601	3.9832	28.0
69.1-71.0	80.8- 83.2	0.5318	0.6850	0.8537	1.0382	1.2340	1.4379	1.6478	1.8621	2.0799	2.3005	2.5232	2.7478	2.9738	3.2011	3.4295	3.6588	3.8888	4.1196	28.1
71.1-73.0	83.3- 85.7	0.5629	0.7175	0.8890	1.0775	1.2782	1.4876	1.7033	1.9239	2.1482	2.3755	2.6051	2.8367	3.0699	3.3045	3.5401	3.7768	4.0143	4.2526	28.2
73.1-75.0	85.8- 88.2	0.5949	0.7506	0.9244	1.1166	1.3218	1.5364	1.7578	1.9844	2.2150	2.4487	2.6850	2.9234	3.1635	3.4051	3.6479	3.8917	4.1365	4.3820	28.3
75.1-77.0	88.3- 90.7	0.6280	0.7841	0.9599	1.1554	1.3649	1.5844	1.8112	2.0435	2.2801	2.5201	2.7628	3.0078	3.2546	3.5029	3.7526	4.0034	4.2552	4.5079	28.4
77.1-79.0	90.8- 93.2	0.6621	0.8182	0.9954	1.1939	1.4074	1.6315	1.8634	2.1012	2.3436	2.5896	2.8385	3.0897	3.3430	3.5979	3.8543	4.1118	4.3704	4.6299	28.5
79.1-81.0	93.4- 95.8	0.6973	0.8527	1.0310	1.2322	1.4493	1.6777	1.9145	2.1575	2.4054	2.6571	2.9119	3.1692	3.4287	3.6900	3.9527	4.2167	4.4819	4.7480	28.5

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

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

SPECIES: HARDWOOD
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	1.2- 3.3	0.0004	0.0007	0.0009	0.0011	0.0013	0.0016	0.0018	0.0020	0.0022	0.0025	0.0027	0.0029	0.0031	0.0034	0.0036	0.0038	0.0040	0.0043	3.7
3.1- 5.0	3.4- 5.5	0.0022	0.0033	0.0045	0.0056	0.0067	0.0079	0.0090	0.0101	0.0113	0.0124	0.0136	0.0147	0.0158	0.0170	0.0181	0.0193	0.0204	0.0215	6.4
5.1- 7.0	5.6- 7.6	0.0048	0.0074	0.0099	0.0124	0.0150	0.0175	0.0201	0.0226	0.0251	0.0277	0.0302	0.0328	0.0353	0.0379	0.0404	0.0430	0.0455	0.0480	8.9
7.1- 9.0	7.8- 9.8	0.0084	0.0129	0.0174	0.0218	0.0263	0.0308	0.0353	0.0397	0.0442	0.0487	0.0532	0.0576	0.0621	0.0666	0.0711	0.0756	0.0800	0.0845	11.1
9.1-11.0	10.0- 12.1	0.0129	0.0199	0.0268	0.0337	0.0406	0.0476	0.0545	0.0614	0.0683	0.0753	0.0822	0.0892	0.0961	0.1030	0.1100	0.1169	0.1239	0.1308	13.1
11.1-13.0	12.2- 14.3	0.0184	0.0282	0.0381	0.0480	0.0579	0.0678	0.0777	0.0876	0.0975	0.1074	0.1173	0.1272	0.1371	0.1470	0.1569	0.1668	0.1768	0.1867	14.9
13.1-15.0	14.4- 16.5	0.0246	0.0379	0.0513	0.0646	0.0780	0.0913	0.1047	0.1181	0.1314	0.1448	0.1582	0.1716	0.1850	0.1984	0.2117	0.2251	0.2385	0.2519	16.4
15.1-17.0	16.7- 18.8	0.0317	0.0490	0.0662	0.0835	0.1008	0.1182	0.1355	0.1528	0.1702	0.1875	0.2048	0.2222	0.2395	0.2569	0.2743	0.2916	0.3090	0.3264	17.7
17.1-19.0	18.9- 21.1	0.0396	0.0613	0.0830	0.1047	0.1264	0.1482	0.1699	0.1917	0.2135	0.2353	0.2571	0.2789	0.3007	0.3225	0.3443	0.3662	0.3880	0.4098	18.9
19.1-21.0	21.2- 23.4	0.0482	0.0748	0.1014	0.1280	0.1546	0.1813	0.2080	0.2347	0.2614	0.2881	0.3148	0.3416	0.3683	0.3951	0.4218	0.4486	0.4753	0.5021	19.9
21.1-23.0	23.5- 25.7	0.0577	0.0895	0.1214	0.1534	0.1854	0.2175	0.2495	0.2816	0.3137	0.3458	0.3779	0.4101	0.4422	0.4743	0.5065	0.5387	0.5708	0.6030	20.7
23.1-25.0	25.8- 28.0	0.0678	0.1054	0.1431	0.1809	0.2187	0.2566	0.2945	0.3324	0.3704	0.4083	0.4463	0.4843	0.5223	0.5603	0.5983	0.6363	0.6743	0.7124	21.5
25.1-27.0	28.1- 30.4	0.0787	0.1225	0.1664	0.2104	0.2545	0.2986	0.3428	0.3870	0.4313	0.4755	0.5198	0.5641	0.6084	0.6527	0.6970	0.7413	0.7857	0.8300	22.1
27.1-29.0	30.5- 32.7	0.0902	0.1406	0.1912	0.2419	0.2926	0.3435	0.3944	0.4453	0.4963	0.5473	0.5983	0.6493	0.7004	0.7514	0.8025	0.8536	0.9047	0.9558	22.7
29.1-31.0	32.8- 35.1	0.1025	0.1598	0.2174	0.2752	0.3331	0.3911	0.4492	0.5073	0.5654	0.6236	0.6817	0.7400	0.7982	0.8564	0.9147	0.9730	1.0313	1.0896	23.1
31.1-33.0	35.2- 37.5	0.1154	0.1801	0.2452	0.3105	0.3759	0.4414	0.5071	0.5727	0.6385	0.7042	0.7700	0.8358	0.9017	0.9675	1.0334	1.0993	1.1652	1.2312	23.5
33.1-35.0	37.6- 39.9	0.1290	0.2015	0.2744	0.3476	0.4209	0.4944	0.5680	0.6417	0.7154	0.7892	0.8630	0.9368	1.0107	1.0846	1.1585	1.2324	1.3064	1.3804	23.9
35.1-37.0	40.0- 42.3	0.1433	0.2238	0.3049	0.3864	0.4681	0.5500	0.6319	0.7140	0.7961	0.8783	0.9605	1.0428	1.1251	1.2075	1.2898	1.3722	1.4546	1.5371	24.2
37.1-39.0	42.4- 44.7	0.1582	0.2472	0.3369	0.4270	0.5174	0.6080	0.6988	0.7897	0.8806	0.9716	1.0626	1.1538	1.2449	1.3361	1.4273	1.5185	1.6098	1.7011	24.4
39.1-41.0	44.8- 47.1	0.1737	0.2715	0.3702	0.4693	0.5688	0.6686	0.7685	0.8685	0.9687	1.0689	1.1692	1.2695	1.3699	1.4703	1.5708	1.6713	1.7718	1.8723	24.7
41.1-43.0	47.3- 49.6	0.1899	0.2968	0.4048	0.5133	0.6223	0.7316	0.8410	0.9506	1.0603	1.1701	1.2800	1.3900	1.5000	1.6100	1.7201	1.8303	1.9404	2.0506	24.8
43.1-45.0	49.7- 52.1	0.2067	0.3231	0.4406	0.5589	0.6777	0.7969	0.9162	1.0358	1.1554	1.2752	1.3951	1.5150	1.6350	1.7551	1.8752	1.9954	2.1156	2.2358	25.0
45.1-47.0	52.2- 54.6	0.2241	0.3503	0.4778	0.6062	0.7351	0.8645	0.9941	1.1240	1.2540	1.3841	1.5143	1.6446	1.7750	1.9054	2.0359	2.1665	2.2971	2.4277	25.1
47.1-49.0	54.7- 57.1	0.2421	0.3784	0.5161	0.6550	0.7944	0.9344	1.0746	1.2151	1.3558	1.4966	1.6376	1.7786	1.9197	2.0609	2.2022	2.3435	2.4849	2.6263	25.3
49.1-51.0	57.2- 59.6	0.2608	0.4074	0.5557	0.7053	0.8556	1.0065	1.1577	1.3092	1.4609	1.6128	1.7648	1.9169	2.0692	2.2215	2.3738	2.5263	2.6788	2.8313	25.4
51.1-53.0	59.7- 62.1	0.2800	0.4372	0.5965	0.7571	0.9186	1.0807	1.2433	1.4061	1.5692	1.7325	1.8959	2.0595	2.2232	2.3869	2.5508	2.7147	2.8787	3.0427	25.4
53.1-55.0	62.2- 64.7	0.2999	0.4680	0.6384	0.8104	0.9834	1.1571	1.3313	1.5058	1.6806	1.8556	2.0308	2.2062	2.3817	2.5572	2.7329	2.9086	3.0845	3.2603	25.5
55.1-57.0	64.8- 67.2	0.3203	0.4997	0.6815	0.8652	1.0500	1.2355	1.4217	1.6082	1.7951	1.9822	2.1695	2.3569	2.5445	2.7322	2.9201	3.1080	3.2960	3.4840	25.6
57.1-59.0	67.3- 69.8	0.3414	0.5321	0.7257	0.9213	1.1182	1.3160	1.5144	1.7133	1.9125	2.1120	2.3117	2.5116	2.7117	2.9119	3.1122	3.3126	3.5131	3.7137	25.6
59.1-61.0	69.9- 72.4	0.3631	0.5655	0.7710	0.9789	1.1882	1.3984	1.6094	1.8209	2.0329	2.2451	2.4575	2.6702	2.8831	3.0961	3.3092	3.5224	3.7358	3.9492	25.7
61.1-63.0	72.5- 75.0	0.3854	0.5997	0.8174	1.0378	1.2597	1.4828	1.7067	1.9312	2.1561	2.3813	2.6068	2.8326	3.0585	3.2846	3.5109	3.7373	3.9638	4.1904	25.7
63.1-65.0	75.1- 77.6	0.4083	0.6347	0.8649	1.0980	1.3329	1.5691	1.8062	2.0439	2.2820	2.5206	2.7595	2.9987	3.2380	3.4776	3.7173	3.9571	4.1971	4.4371	25.8
65.1-67.0	77.8- 80.3	0.4319	0.6705	0.9135	1.1596	1.4077	1.6572	1.9077	2.1590	2.4108	2.6630	2.9155	3.1684	3.4214	3.6747	3.9282	4.1818	4.4355	4.6894	25.8
67.1-69.0	80.4- 82.9	0.4560	0.7072	0.9631	1.2224	1.4840	1.7472	2.0114	2.2765	2.5421	2.8083	3.0748	3.3416	3.6087	3.8760	4.1435	4.4112	4.6790	4.9470	25.8
69.1-71.0	83.0- 85.6	0.4808	0.7447	1.0137	1.2865	1.5619	1.8389	2.1172	2.3963	2.6761	2.9565	3.2372	3.5183	3.7997	4.0814	4.3632	4.6452	4.9274	5.2098	25.8
71.1-73.0	85.7- 88.3	0.5061	0.7829	1.0653	1.3519	1.6412	1.9324	2.2249	2.5184	2.8127	3.1075	3.4028	3.6984	3.9944	4.2907	4.5872	4.8838	5.1807	5.4777	25.9
73.1-75.0	88.4- 91.0	0.5321	0.8220	1.1180	1.4185	1.7220	2.0276	2.3346	2.6428	2.9517	3.2613	3.5714	3.8819	4.1927	4.5039	4.8152	5.1268	5.4386	5.7506	25.9
75.1-77.0	91.1- 93.7	0.5588	0.8619	1.1716	1.4862	1.8042	2.1244	2.4463	2.7693	3.0932	3.4178	3.7429	4.0685	4.3945	4.7208	5.0474	5.3742	5.7012	6.0284	25.9
77.1-79.0	93.8- 96.4	0.5861	0.9026	1.2262	1.5552	1.8878	2.2229	2.5598	2.8979	3.2370	3.5769	3.9174	4.2583	4.5997	4.9415	5.2835	5.6258	5.9683	6.3110	25.9
79.1-81.0	96.5- 99.1	0.6140	0.9441	1.2818	1.6253	1.9728	2.3230	2.6751	3.0286	3.3832	3.7386	4.0947	4.4513	4.8083	5.1657	5.5235	5.8815	6.2398	6.5983	25.9

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, 14, 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: HARDWOOD
NATURAL REGIONS: 2, 14, 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	5.6- 7.6	0.0017	0.0030	0.0042	0.0055	0.0069	0.0082	0.0095	0.0108	0.0121	0.0134	0.0147	0.0161	0.0174	0.0187	0.0200	0.0214	0.0227	0.0240	8.6
7.1- 9.0	7.7- 9.7	0.0056	0.0095	0.0135	0.0175	0.0215	0.0255	0.0295	0.0335	0.0376	0.0416	0.0456	0.0496	0.0537	0.0577	0.0617	0.0658	0.0698	0.0738	10.5
9.1-11.0	9.8- 11.8	0.0093	0.0157	0.0223	0.0288	0.0354	0.0420	0.0486	0.0552	0.0618	0.0684	0.0750	0.0816	0.0882	0.0949	0.1015	0.1081	0.1147	0.1213	12.3
11.1-13.0	11.9- 14.0	0.0133	0.0227	0.0321	0.0416	0.0512	0.0607	0.0703	0.0798	0.0894	0.0990	0.1086	0.1182	0.1278	0.1373	0.1469	0.1565	0.1661	0.1757	13.9
13.1-15.0	14.1- 16.2	0.0178	0.0305	0.0433	0.0562	0.0691	0.0820	0.0950	0.1080	0.1210	0.1340	0.1470	0.1600	0.1730	0.1860	0.1991	0.2121	0.2251	0.2382	15.3
15.1-17.0	16.3- 18.4	0.0228	0.0392	0.0558	0.0725	0.0892	0.1060	0.1229	0.1397	0.1566	0.1735	0.1904	0.2073	0.2242	0.2412	0.2581	0.2750	0.2920	0.3089	16.6
17.1-19.0	18.5- 20.6	0.0283	0.0488	0.0696	0.0906	0.1117	0.1328	0.1540	0.1752	0.1964	0.2177	0.2390	0.2603	0.2816	0.3029	0.3242	0.3455	0.3669	0.3882	17.8
19.1-21.0	20.7- 22.9	0.0342	0.0593	0.0848	0.1106	0.1364	0.1624	0.1884	0.2144	0.2405	0.2666	0.2928	0.3190	0.3451	0.3713	0.3975	0.4237	0.4500	0.4762	18.8
21.1-23.0	23.0- 25.2	0.0407	0.0709	0.1015	0.1324	0.1635	0.1948	0.2261	0.2575	0.2889	0.3204	0.3519	0.3835	0.4150	0.4466	0.4782	0.5098	0.5414	0.5730	19.8
23.1-25.0	25.3- 27.5	0.0478	0.0833	0.1195	0.1561	0.1930	0.2300	0.2672	0.3044	0.3417	0.3790	0.4164	0.4539	0.4913	0.5288	0.5663	0.6038	0.6414	0.6789	20.6
25.1-27.0	27.7- 29.9	0.0554	0.0968	0.1391	0.1818	0.2249	0.2682	0.3116	0.3552	0.3989	0.4426	0.4864	0.5302	0.5741	0.6180	0.6620	0.7059	0.7499	0.7939	21.4
27.1-29.0	30.0- 32.3	0.0636	0.1113	0.1601	0.2094	0.2592	0.3093	0.3596	0.4100	0.4606	0.5112	0.5620	0.6127	0.6636	0.7144	0.7653	0.8163	0.8673	0.9182	22.1
29.1-31.0	32.4- 34.7	0.0724	0.1269	0.1826	0.2391	0.2961	0.3534	0.4111	0.4689	0.5269	0.5850	0.6432	0.7014	0.7598	0.8181	0.8766	0.9350	0.9935	1.0521	22.7
31.1-33.0	34.8- 37.2	0.0819	0.1436	0.2067	0.2708	0.3355	0.4006	0.4662	0.5319	0.5978	0.6639	0.7301	0.7964	0.8628	0.9293	0.9958	1.0623	1.1289	1.1956	23.3
33.1-35.0	37.3- 39.7	0.0920	0.1614	0.2324	0.3045	0.3775	0.4510	0.5249	0.5991	0.6736	0.7482	0.8230	0.8979	0.9729	1.0480	1.1231	1.1983	1.2736	1.3489	23.8
35.1-37.0	39.8- 42.2	0.1029	0.1804	0.2597	0.3405	0.4221	0.5045	0.5874	0.6706	0.7541	0.8379	0.9218	1.0059	1.0901	1.1744	1.2588	1.3432	1.4278	1.5124	24.2
37.1-39.0	42.3- 44.7	0.1145	0.2006	0.2888	0.3786	0.4695	0.5613	0.6537	0.7465	0.8396	0.9331	1.0267	1.1206	1.2146	1.3087	1.4029	1.4972	1.5916	1.6861	24.6
39.1-41.0	44.8- 47.3	0.1268	0.2221	0.3196	0.4190	0.5198	0.6215	0.7239	0.8268	0.9302	1.0339	1.1379	1.2421	1.3465	1.4510	1.5557	1.6604	1.7653	1.8703	25.0
41.1-43.0	47.4- 49.9	0.1401	0.2449	0.3523	0.4618	0.5728	0.6850	0.7981	0.9118	1.0260	1.1405	1.2555	1.3706	1.4860	1.6016	1.7173	1.8331	1.9491	2.0652	25.3
43.1-45.0	50.0- 52.5	0.1542	0.2692	0.3869	0.5070	0.6289	0.7521	0.8764	1.0014	1.1270	1.2531	1.3795	1.5063	1.6333	1.7605	1.8879	2.0155	2.1432	2.2710	25.6
45.1-47.0	52.6- 55.2	0.1692	0.2949	0.4234	0.5546	0.6879	0.8228	0.9589	1.0958	1.2334	1.3716	1.5102	1.6492	1.7885	1.9280	2.0677	2.2077	2.3478	2.4880	25.9
47.1-49.0	55.3- 57.8	0.1852	0.3221	0.4619	0.6048	0.7501	0.8972	1.0456	1.1951	1.3454	1.4963	1.6477	1.7995	1.9517	2.1042	2.2570	2.4100	2.5631	2.7164	26.2
49.1-51.0	58.0- 60.6	0.2023	0.3509	0.5026	0.6577	0.8156	0.9754	1.1368	1.2994	1.4630	1.6273	1.7921	1.9575	2.1233	2.2894	2.4559	2.6226	2.7894	2.9565	26.4
51.1-53.0	60.7- 63.3	0.2205	0.3814	0.5455	0.7134	0.8843	1.0575	1.2326	1.4089	1.5864	1.7647	1.9437	2.1233	2.3034	2.4838	2.6646	2.8457	3.0270	3.2086	26.6
53.1-55.0	63.4- 66.1	0.2398	0.4137	0.5907	0.7718	0.9564	1.1437	1.3329	1.5237	1.7158	1.9088	2.1026	2.2971	2.4921	2.6876	2.8834	3.0796	3.2761	3.4729	26.8
55.1-57.0	66.2- 68.9	0.2604	0.4477	0.6382	0.8332	1.0321	1.2339	1.4380	1.6439	1.8512	2.0596	2.2689	2.4790	2.6897	2.9009	3.1125	3.3246	3.5369	3.7496	26.9
57.1-59.0	69.0- 71.7	0.2823	0.4837	0.6882	0.8977	1.1114	1.3285	1.5481	1.7697	1.9929	2.2174	2.4429	2.6692	2.8963	3.1240	3.3522	3.5808	3.8098	4.0391	27.1
59.1-61.0	71.9- 74.6	0.3056	0.5218	0.7408	0.9653	1.1945	1.4274	1.6631	1.9012	2.1410	2.3822	2.6247	2.8681	3.1123	3.3572	3.6026	3.8486	4.0950	4.3417	27.2
61.1-63.0	74.7- 77.5	0.3304	0.5619	0.7961	1.0362	1.2814	1.5308	1.7834	2.0385	2.2956	2.5544	2.8145	3.0757	3.3377	3.6006	3.8641	4.1282	4.3927	4.6577	27.3
63.1-65.0	77.6- 80.4	0.3567	0.6043	0.8542	1.1104	1.3723	1.6388	1.9089	2.1819	2.4570	2.7340	3.0125	3.2922	3.5730	3.8546	4.1369	4.4199	4.7034	4.9874	27.4
65.1-67.0	80.6- 83.4	0.3846	0.6489	0.9152	1.1882	1.4674	1.7517	2.0400	2.3314	2.6254	2.9213	3.2190	3.5180	3.8182	4.1193	4.4213	4.7239	5.0272	5.3310	27.5
67.1-69.0	83.5- 86.3	0.4143	0.6961	0.9792	1.2695	1.5667	1.8695	2.1767	2.4873	2.8008	3.1165	3.4341	3.7532	4.0736	4.3950	4.7175	5.0407	5.3646	5.6891	27.6
69.1-71.0	86.5- 89.3	0.4458	0.7457	1.0464	1.3547	1.6705	1.9924	2.3191	2.6497	2.9835	3.3197	3.6580	3.9980	4.3394	4.6821	5.0258	5.3704	5.7157	6.0617	27.7
71.1-73.0	89.5- 92.4	0.4793	0.7981	1.1168	1.4437	1.7788	2.1205	2.4676	2.8189	3.1736	3.5312	3.8910	4.2527	4.6161	4.9807	5.3465	5.7133	6.0810	6.4494	27.8
73.1-75.0	92.5- 95.5	0.5148	0.8533	1.1907	1.5369	1.8918	2.2540	2.6221	2.9949	3.3715	3.7512	4.1333	4.5176	4.9037	5.2912	5.6800	6.0699	6.4608	6.8525	27.8
75.1-77.0	95.6- 98.6	0.5525	0.9114	1.2682	1.6342	2.0097	2.3931	2.7830	3.1781	3.5773	3.9798	4.3852	4.7929	5.2025	5.6138	6.0265	6.4404	6.8554	7.2713	27.9
77.1-79.0	98.7-101.7	0.5925	0.9726	1.3494	1.7359	2.1326	2.5380	2.9504	3.3685	3.7911	4.2174	4.6468	5.0788	5.5129	5.9488	6.3863	6.8251	7.2651	7.7061	27.9
79.1-81.0	101.8-104.8	0.6349	1.0371	1.4345	1.8421	2.2607	2.6888	3.1245	3.5664	4.0133	4.4642	4.9185	5.3756	5.8351	6.2966	6.7598	7.2245	7.6904	8.1575	28.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	7.7- 9.7	0.0016	0.0027	0.0037	0.0047	0.0057	0.0067	0.0077	0.0086	0.0096	0.0106	0.0115	0.0125	0.0134	0.0144	0.0153	0.0163	0.0173	0.0182	10.5
9.1-11.0	9.8- 11.8	0.0069	0.0121	0.0174	0.0227	0.0281	0.0335	0.0389	0.0443	0.0497	0.0552	0.0606	0.0660	0.0715	0.0769	0.0823	0.0878	0.0932	0.0987	12.3
11.1-13.0	11.9- 14.0	0.0116	0.0201	0.0288	0.0375	0.0463	0.0551	0.0639	0.0727	0.0815	0.0903	0.0991	0.1079	0.1168	0.1256	0.1344	0.1433	0.1521	0.1609	13.9
13.1-15.0	14.1- 16.2	0.0164	0.0285	0.0407	0.0529	0.0653	0.0776	0.0900	0.1024	0.1148	0.1272	0.1397	0.1521	0.1645	0.1770	0.1894	0.2019	0.2143	0.2268	15.3
15.1-17.0	16.3- 18.4	0.0216	0.0375	0.0536	0.0698	0.0861	0.1024	0.1187	0.1351	0.1515	0.1679	0.1843	0.2008	0.2172	0.2337	0.2501	0.2666	0.2830	0.2995	16.6
17.1-19.0	18.5- 20.6	0.0272	0.0473	0.0677	0.0882	0.1089	0.1296	0.1504	0.1712	0.1920	0.2129	0.2338	0.2546	0.2755	0.2964	0.3173	0.3383	0.3592	0.3801	17.8
19.1-21.0	20.7- 22.9	0.0333	0.0580	0.0831	0.1085	0.1339	0.1595	0.1852	0.2109	0.2366	0.2624	0.2882	0.3140	0.3398	0.3656	0.3915	0.4173	0.4432	0.4690	18.8
21.1-23.0	23.0- 25.2	0.0399	0.0696	0.0999	0.1305	0.1613	0.1922	0.2232	0.2543	0.2854	0.3165	0.3477	0.3789	0.4102	0.4414	0.4727	0.5040	0.5353	0.5666	19.8
23.1-25.0	25.3- 27.5	0.0470	0.0822	0.1181	0.1544	0.1909	0.2276	0.2645	0.3014	0.3384	0.3755	0.4126	0.4497	0.4869	0.5241	0.5613	0.5985	0.6358	0.6730	20.6
25.1-27.0	27.7- 29.9	0.0546	0.0957	0.1377	0.1801	0.2229	0.2660	0.3092	0.3525	0.3959	0.4393	0.4828	0.5264	0.5700	0.6137	0.6573	0.7010	0.7447	0.7885	21.4
27.1-29.0	30.0- 32.3	0.0629	0.1103	0.1587	0.2079	0.2574	0.3072	0.3573	0.4074	0.4578	0.5082	0.5586	0.6092	0.6597	0.7104	0.7610	0.8117	0.8624	0.9132	22.1
29.1-31.0	32.4- 34.7	0.0717	0.1259	0.1813	0.2376	0.2943	0.3515	0.4089	0.4665	0.5242	0.5821	0.6400	0.6981	0.7562	0.8143	0.8725	0.9307	0.9890	1.0473	22.7
31.1-33.0	34.8- 37.2	0.0812	0.1426	0.2055	0.2693	0.3338	0.3988	0.4640	0.5296	0.5953	0.6612	0.7272	0.7932	0.8594	0.9256	0.9919	1.0583	1.1247	1.1911	23.3
33.1-35.0	37.3- 39.7	0.0913	0.1605	0.2312	0.3031	0.3759	0.4492	0.5229	0.5969	0.6711	0.7456	0.8201	0.8948	0.9696	1.0445	1.1195	1.1945	1.2696	1.3447	23.8
35.1-37.0	39.8- 42.2	0.1022	0.1795	0.2586	0.3391	0.4206	0.5028	0.5854	0.6685	0.7518	0.8354	0.9191	1.0030	1.0870	1.1711	1.2553	1.3396	1.4239	1.5083	24.2
37.1-39.0	42.3- 44.7	0.1138	0.1997	0.2877	0.3773	0.4681	0.5596	0.6518	0.7444	0.8374	0.9307	1.0241	1.1178	1.2116	1.3055	1.3996	1.4937	1.5879	1.6822	24.6
39.1-41.0	44.8- 47.3	0.1262	0.2213	0.3186	0.4178	0.5183	0.6198	0.7221	0.8249	0.9281	1.0316	1.1354	1.2394	1.3436	1.4480	1.5525	1.6570	1.7617	1.8665	25.0
41.1-43.0	47.4- 49.9	0.1395	0.2441	0.3513	0.4606	0.5714	0.6834	0.7963	0.9098	1.0239	1.1383	1.2530	1.3680	1.4832	1.5986	1.7142	1.8298	1.9456	2.0615	25.3
43.1-45.0	50.0- 52.5	0.1536	0.2684	0.3858	0.5058	0.6275	0.7506	0.8747	0.9995	1.1249	1.2509	1.3771	1.5037	1.6306	1.7576	1.8849	2.0123	2.1398	2.2675	25.6
45.1-47.0	52.6- 55.2	0.1686	0.2941	0.4224	0.5534	0.6866	0.8213	0.9572	1.0940	1.2314	1.3694	1.5079	1.6467	1.7858	1.9252	2.0648	2.2046	2.3445	2.4846	25.9
47.1-49.0	55.3- 57.8	0.1847	0.3213	0.4610	0.6037	0.7488	0.8957	1.0440	1.1933	1.3434	1.4942	1.6455	1.7971	1.9492	2.1015	2.2541	2.4070	2.5600	2.7131	26.2
49.1-51.0	58.0- 60.6	0.2018	0.3501	0.5017	0.6566	0.8143	0.9740	1.1352	1.2977	1.4611	1.6252	1.7900	1.9552	2.1208	2.2868	2.4531	2.6196	2.7864	2.9533	26.4
51.1-53.0	60.7- 63.3	0.2200	0.3806	0.5446	0.7123	0.8830	1.0561	1.2310	1.4072	1.5845	1.7627	1.9416	2.1210	2.3009	2.4812	2.6619	2.8428	3.0240	3.2054	26.6
53.1-55.0	63.4- 66.1	0.2393	0.4129	0.5897	0.7707	0.9552	1.1423	1.3314	1.5220	1.7139	1.9068	2.1005	2.2948	2.4897	2.6850	2.8808	3.0768	3.2732	3.4698	26.8
55.1-57.0	66.2- 68.9	0.2599	0.4470	0.6373	0.8322	1.0309	1.2325	1.4365	1.6423	1.8494	2.0577	2.2668	2.4768	2.6873	2.8984	3.1099	3.3218	3.5341	3.7466	26.9
57.1-59.0	69.0- 71.7	0.2818	0.4830	0.6873	0.8966	1.1102	1.3271	1.5466	1.7680	1.9911	2.2155	2.4408	2.6671	2.8940	3.1216	3.3496	3.5781	3.8070	4.0362	27.1
59.1-61.0	71.9- 74.6	0.3051	0.5210	0.7399	0.9642	1.1933	1.4260	1.6616	1.8995	2.1392	2.3804	2.6227	2.8659	3.1100	3.3548	3.6001	3.8459	4.0922	4.3388	27.2
61.1-63.0	74.7- 77.5	0.3299	0.5612	0.7952	1.0351	1.2802	1.5294	1.7819	2.0369	2.2939	2.5525	2.8125	3.0735	3.3355	3.5982	3.8616	4.1256	4.3900	4.6548	27.3
63.1-65.0	77.6- 80.4	0.3562	0.6035	0.8533	1.1093	1.3711	1.6375	1.9075	2.1803	2.4553	2.7322	3.0106	3.2901	3.5707	3.8522	4.1344	4.4173	4.7007	4.9845	27.4
65.1-67.0	80.6- 83.4	0.3841	0.6482	0.9143	1.1871	1.4662	1.7504	2.0385	2.3298	2.6237	2.9195	3.2170	3.5159	3.8160	4.1170	4.4188	4.7214	5.0245	5.3282	27.5
67.1-69.0	83.5- 86.3	0.4138	0.6953	0.9783	1.2685	1.5655	1.8682	2.1752	2.4857	2.7991	3.1147	3.4321	3.7511	4.0714	4.3927	4.7150	5.0381	5.3619	5.6863	27.6
69.1-71.0	86.5- 89.3	0.4453	0.7450	1.0455	1.3536	1.6693	1.9910	2.3177	2.6482	2.9818	3.3179	3.6561	3.9960	4.3373	4.6798	5.0234	5.3678	5.7131	6.0590	27.7
71.1-73.0	89.5- 92.4	0.4788	0.7974	1.1159	1.4427	1.7776	2.1192	2.4661	2.8173	3.1720	3.5294	3.8891	4.2507	4.6139	4.9784	5.3441	5.7108	6.0784	6.4467	27.8
73.1-75.0	92.5- 95.5	0.5143	0.8526	1.1898	1.5358	1.8906	2.2527	2.6207	2.9934	3.3698	3.7494	4.1314	4.5156	4.9015	5.2889	5.6776	6.0674	6.4581	6.8497	27.8
75.1-77.0	95.6- 98.6	0.5520	0.9107	1.2673	1.6331	2.0085	2.3918	2.7816	3.1765	3.5756	3.9780	4.3833	4.7908	5.2004	5.6115	6.0241	6.4379	6.8528	7.2685	27.9
77.1-79.0	98.7-101.7	0.5920	0.9719	1.3485	1.7348	2.1314	2.5367	2.9490	3.3669	3.7894	4.2156	4.6449	5.0768	5.5108	5.9466	6.3839	6.8226	7.2625	7.7034	27.9
79.1-81.0	101.8-104.8	0.6345	1.0364	1.4336	1.8410	2.2595	2.6875	3.1231	3.5648	4.0116	4.4624	4.9166	5.3736	5.8330	6.2943	6.7574	7.2220	7.6878	8.1548	28.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	11.9- 14.0	0.0047	0.0080	0.0112	0.0144	0.0175	0.0205	0.0236	0.0266	0.0296	0.0326	0.0356	0.0386	0.0416	0.0445	0.0475	0.0505	0.0535	0.0564	13.9
13.1-15.0	14.1- 16.2	0.0113	0.0201	0.0293	0.0386	0.0480	0.0575	0.0670	0.0765	0.0861	0.0957	0.1053	0.1149	0.1245	0.1341	0.1437	0.1534	0.1630	0.1727	15.3
15.1-17.0	16.3- 18.4	0.0175	0.0312	0.0452	0.0593	0.0736	0.0880	0.1024	0.1168	0.1313	0.1457	0.1602	0.1747	0.1892	0.2038	0.2183	0.2328	0.2473	0.2619	16.6
17.1-19.0	18.5- 20.6	0.0238	0.0421	0.0609	0.0799	0.0990	0.1181	0.1374	0.1567	0.1760	0.1953	0.2147	0.2340	0.2534	0.2728	0.2922	0.3116	0.3310	0.3505	17.8
19.1-21.0	20.7- 22.9	0.0303	0.0535	0.0773	0.1013	0.1255	0.1498	0.1742	0.1986	0.2231	0.2476	0.2721	0.2967	0.3212	0.3458	0.3704	0.3950	0.4196	0.4442	18.8
21.1-23.0	23.0- 25.2	0.0372	0.0657	0.0948	0.1242	0.1539	0.1837	0.2136	0.2436	0.2736	0.3037	0.3338	0.3639	0.3940	0.4242	0.4544	0.4846	0.5148	0.5450	19.8
23.1-25.0	25.3- 27.5	0.0445	0.0786	0.1134	0.1487	0.1843	0.2200	0.2559	0.2919	0.3279	0.3640	0.4001	0.4363	0.4725	0.5087	0.5450	0.5813	0.6175	0.6538	20.6
25.1-27.0	27.7- 29.9	0.0524	0.0924	0.1334	0.1750	0.2169	0.2590	0.3013	0.3438	0.3863	0.4289	0.4715	0.5142	0.5570	0.5998	0.6426	0.6854	0.7283	0.7711	21.4
27.1-29.0	30.0- 32.3	0.0608	0.1072	0.1548	0.2031	0.2518	0.3008	0.3500	0.3994	0.4489	0.4985	0.5482	0.5980	0.6478	0.6976	0.7475	0.7974	0.8473	0.8973	22.1
29.1-31.0	32.4- 34.7	0.0697	0.1230	0.1776	0.2331	0.2891	0.3455	0.4021	0.4590	0.5160	0.5731	0.6304	0.6877	0.7451	0.8025	0.8600	0.9175	0.9750	1.0326	22.7
31.1-33.0	34.8- 37.2	0.0793	0.1399	0.2020	0.2651	0.3289	0.3931	0.4577	0.5226	0.5876	0.6528	0.7181	0.7835	0.8490	0.9146	0.9802	1.0459	1.1116	1.1773	23.3
33.1-35.0	37.3- 39.7	0.0896	0.1578	0.2279	0.2991	0.3712	0.4438	0.5169	0.5903	0.6639	0.7377	0.8116	0.8857	0.9599	1.0341	1.1084	1.1828	1.2573	1.3318	23.8
35.1-37.0	39.8- 42.2	0.1005	0.1770	0.2554	0.3353	0.4161	0.4977	0.5797	0.6622	0.7449	0.8279	0.9110	0.9943	1.0777	1.1613	1.2449	1.3285	1.4123	1.4961	24.2
37.1-39.0	42.3- 44.7	0.1122	0.1973	0.2846	0.3736	0.4638	0.5548	0.6464	0.7384	0.8308	0.9235	1.0164	1.1095	1.2028	1.2962	1.3896	1.4832	1.5769	1.6706	24.6
39.1-41.0	44.8- 47.3	0.1246	0.2189	0.3156	0.4142	0.5142	0.6151	0.7168	0.8191	0.9218	1.0248	1.1280	1.2315	1.3352	1.4390	1.5430	1.6471	1.7512	1.8555	25.0
41.1-43.0	47.4- 49.9	0.1379	0.2418	0.3484	0.4571	0.5674	0.6789	0.7913	0.9043	1.0178	1.1317	1.2460	1.3605	1.4752	1.5901	1.7051	1.8203	1.9356	2.0510	25.3
43.1-45.0	50.0- 52.5	0.1521	0.2662	0.3830	0.5024	0.6236	0.7462	0.8698	0.9942	1.1191	1.2445	1.3703	1.4964	1.6228	1.7494	1.8762	2.0031	2.1302	2.2573	25.6
45.1-47.0	52.6- 55.2	0.1672	0.2919	0.4197	0.5502	0.6828	0.8171	0.9525	1.0888	1.2258	1.3633	1.5013	1.6397	1.7784	1.9173	2.0564	2.1957	2.3352	2.4748	25.9
47.1-49.0	55.3- 57.8	0.1833	0.3192	0.4583	0.6005	0.7452	0.8916	1.0394	1.1883	1.3380	1.4883	1.6391	1.7903	1.9420	2.0939	2.2460	2.3984	2.5510	2.7037	26.2
49.1-51.0	58.0- 60.6	0.2004	0.3481	0.4991	0.6535	0.8107	0.9700	1.1308	1.2928	1.4558	1.6195	1.7838	1.9486	2.1138	2.2794	2.4452	2.6113	2.7777	2.9442	26.4
51.1-53.0	60.7- 63.3	0.2186	0.3786	0.5420	0.7092	0.8795	1.0522	1.2266	1.4025	1.5794	1.7571	1.9356	2.1146	2.2941	2.4740	2.6543	2.8348	3.0156	3.1966	26.6
53.1-55.0	63.4- 66.1	0.2380	0.4109	0.5872	0.7678	0.9518	1.1384	1.3271	1.5174	1.7089	1.9013	2.0946	2.2886	2.4830	2.6780	2.8733	3.0690	3.2649	3.4612	26.8
55.1-57.0	66.2- 68.9	0.2586	0.4451	0.6348	0.8292	1.0275	1.2288	1.4324	1.6377	1.8445	2.0523	2.2611	2.4707	2.6808	2.8915	3.1027	3.3142	3.5260	3.7382	26.9
57.1-59.0	69.0- 71.7	0.2805	0.4811	0.6849	0.8938	1.1069	1.3234	1.5425	1.7636	1.9863	2.2102	2.4352	2.6611	2.8877	3.1148	3.3425	3.5707	3.7992	4.0280	27.1
59.1-61.0	71.9- 74.6	0.3038	0.5192	0.7375	0.9614	1.1900	1.4224	1.6576	1.8952	2.1345	2.3752	2.6172	2.8601	3.1038	3.3482	3.5932	3.8386	4.0845	4.3308	27.2
61.1-63.0	74.7- 77.5	0.3286	0.5593	0.7929	1.0323	1.2770	1.5259	1.7779	2.0326	2.2892	2.5475	2.8071	3.0678	3.3294	3.5918	3.8548	4.1184	4.3825	4.6470	27.3
63.1-65.0	77.6- 80.4	0.3550	0.6017	0.8510	1.1066	1.3680	1.6340	1.9036	2.1760	2.4507	2.7272	3.0053	3.2845	3.5648	3.8459	4.1278	4.4103	4.6933	4.9769	27.4
65.1-67.0	80.6- 83.4	0.3829	0.6464	0.9120	1.1844	1.4631	1.7469	2.0347	2.3256	2.6191	2.9146	3.2118	3.5104	3.8101	4.1108	4.4123	4.7145	5.0173	5.3207	27.5
67.1-69.0	83.5- 86.3	0.4126	0.6936	0.9760	1.2658	1.5625	1.8647	2.1714	2.4816	2.7946	3.1099	3.4270	3.7456	4.0656	4.3866	4.7086	5.0313	5.3548	5.6789	27.6
69.1-71.0	86.5- 89.3	0.4442	0.7433	1.0432	1.3510	1.6662	1.9876	2.3139	2.6441	2.9774	3.3132	3.6510	3.9906	4.3316	4.6738	5.0170	5.3612	5.7061	6.0517	27.7
71.1-73.0	89.5- 92.4	0.4777	0.7957	1.1137	1.4401	1.7746	2.1158	2.4624	2.8133	3.1676	3.5247	3.8841	4.2454	4.6083	4.9725	5.3379	5.7042	6.0715	6.4395	27.8
73.1-75.0	92.5- 95.5	0.5132	0.8509	1.1876	1.5332	1.8876	2.2494	2.6170	2.9894	3.3655	3.7447	4.1265	4.5103	4.8959	5.2830	5.6714	6.0609	6.4514	6.8426	27.8
75.1-77.0	95.6- 98.6	0.5509	0.9090	1.2651	1.6305	2.0055	2.3885	2.7779	3.1725	3.5713	3.9734	4.3784	4.7856	5.1948	5.6057	6.0180	6.4315	6.8460	7.2615	27.9
77.1-79.0	98.7-101.7	0.5909	0.9702	1.3463	1.7322	2.1285	2.5334	2.9454	3.3630	3.7852	4.2111	4.6401	5.0716	5.5053	5.9408	6.3779	6.8163	7.2559	7.6965	27.9
79.1-81.0	101.8-104.8	0.6334	1.0347	1.4314	1.8385	2.2566	2.6842	3.1195	3.5609	4.0074	4.4579	4.9118	5.3685	5.8276	6.2886	6.7514	7.2157	7.6813	8.1479	28.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	11.9- 14.0	0.0016	0.0025	0.0032	0.0038	0.0044	0.0050	0.0056	0.0062	0.0068	0.0074	0.0081	0.0087	0.0093	0.0099	0.0106	0.0112	0.0118	0.0125	13.9
13.1-15.0	14.1- 16.2	0.0084	0.0147	0.0212	0.0277	0.0342	0.0408	0.0475	0.0542	0.0608	0.0676	0.0743	0.0810	0.0878	0.0945	0.1013	0.1080	0.1148	0.1216	15.3
15.1-17.0	16.3- 18.4	0.0153	0.0273	0.0397	0.0524	0.0652	0.0781	0.0911	0.1041	0.1171	0.1302	0.1432	0.1563	0.1694	0.1825	0.1957	0.2088	0.2219	0.2351	16.6
17.1-19.0	18.5- 20.6	0.0220	0.0391	0.0568	0.0747	0.0928	0.1110	0.1293	0.1476	0.1659	0.1843	0.2027	0.2211	0.2395	0.2580	0.2764	0.2949	0.3133	0.3318	17.8
19.1-21.0	20.7- 22.9	0.0288	0.0511	0.0740	0.0972	0.1206	0.1442	0.1678	0.1914	0.2152	0.2389	0.2627	0.2865	0.3103	0.3341	0.3580	0.3818	0.4057	0.4296	18.8
21.1-23.0	23.0- 25.2	0.0358	0.0635	0.0919	0.1207	0.1497	0.1789	0.2082	0.2375	0.2669	0.2964	0.3259	0.3554	0.3849	0.4145	0.4440	0.4736	0.5032	0.5328	19.8
23.1-25.0	25.3- 27.5	0.0433	0.0767	0.1109	0.1456	0.1807	0.2158	0.2512	0.2866	0.3221	0.3577	0.3933	0.4289	0.4646	0.5003	0.5360	0.5717	0.6075	0.6433	20.6
25.1-27.0	27.7- 29.9	0.0513	0.0907	0.1312	0.1722	0.2136	0.2553	0.2971	0.3391	0.3811	0.4233	0.4654	0.5077	0.5500	0.5923	0.6346	0.6770	0.7194	0.7618	21.4
27.1-29.0	30.0- 32.3	0.0597	0.1056	0.1527	0.2005	0.2488	0.2974	0.3462	0.3952	0.4443	0.4935	0.5427	0.5920	0.6414	0.6908	0.7403	0.7898	0.8393	0.8888	22.1
29.1-31.0	32.4- 34.7	0.0688	0.1215	0.1757	0.2307	0.2864	0.3423	0.3986	0.4551	0.5117	0.5685	0.6253	0.6822	0.7392	0.7963	0.8534	0.9105	0.9677	1.0249	22.7
31.1-33.0	34.8- 37.2	0.0784	0.1385	0.2002	0.2629	0.3263	0.3902	0.4545	0.5189	0.5836	0.6485	0.7134	0.7785	0.8436	0.9088	0.9741	1.0394	1.1048	1.1702	23.3
33.1-35.0	37.3- 39.7	0.0887	0.1565	0.2262	0.2971	0.3688	0.4411	0.5138	0.5869	0.6602	0.7336	0.8072	0.8810	0.9548	1.0288	1.1028	1.1768	1.2509	1.3251	23.8
35.1-37.0	39.8- 42.2	0.0997	0.1757	0.2538	0.3333	0.4139	0.4951	0.5769	0.6590	0.7414	0.8241	0.9069	0.9899	1.0730	1.1562	1.2395	1.3229	1.4064	1.4899	24.2
37.1-39.0	42.3- 44.7	0.1114	0.1961	0.2831	0.3718	0.4616	0.5523	0.6436	0.7354	0.8275	0.9199	1.0125	1.1054	1.1983	1.2914	1.3846	1.4779	1.5713	1.6647	24.6
39.1-41.0	44.8- 47.3	0.1239	0.2178	0.3141	0.4124	0.5121	0.6128	0.7142	0.8162	0.9186	1.0213	1.1243	1.2276	1.3310	1.4345	1.5382	1.6420	1.7459	1.8499	25.0
41.1-43.0	47.4- 49.9	0.1372	0.2408	0.3470	0.4554	0.5655	0.6767	0.7888	0.9015	1.0148	1.1284	1.2424	1.3567	1.4711	1.5857	1.7005	1.8155	1.9305	2.0456	25.3
43.1-45.0	50.0- 52.5	0.1514	0.2651	0.3817	0.5008	0.6217	0.7441	0.8674	0.9915	1.1162	1.2414	1.3669	1.4928	1.6189	1.7453	1.8718	1.9985	2.1253	2.2522	25.6
45.1-47.0	52.6- 55.2	0.1665	0.2909	0.4183	0.5486	0.6810	0.8150	0.9502	1.0862	1.2230	1.3603	1.4981	1.6362	1.7746	1.9133	2.0522	2.1913	2.3306	2.4699	25.9
47.1-49.0	55.3- 57.8	0.1826	0.3182	0.4570	0.5990	0.7434	0.8896	1.0372	1.1858	1.3352	1.4853	1.6359	1.7870	1.9384	2.0900	2.2420	2.3941	2.5465	2.6990	26.2
49.1-51.0	58.0- 60.6	0.1997	0.3471	0.4978	0.6520	0.8090	0.9680	1.1286	1.2904	1.4531	1.6166	1.7807	1.9453	2.1103	2.2757	2.4413	2.6072	2.7734	2.9397	26.4
51.1-53.0	60.7- 63.3	0.2180	0.3777	0.5408	0.7078	0.8778	1.0503	1.2245	1.4001	1.5768	1.7544	1.9326	2.1114	2.2907	2.4704	2.6505	2.8308	3.0114	3.1922	26.6
53.1-55.0	63.4- 66.1	0.2374	0.4100	0.5861	0.7663	0.9501	1.1366	1.3250	1.5151	1.7064	1.8987	2.0918	2.2855	2.4798	2.6745	2.8697	3.0651	3.2609	3.4569	26.8
55.1-57.0	66.2- 68.9	0.2580	0.4442	0.6337	0.8279	1.0259	1.2270	1.4303	1.6355	1.8420	2.0497	2.2583	2.4677	2.6777	2.8882	3.0991	3.3105	3.5221	3.7341	26.9
57.1-59.0	69.0- 71.7	0.2800	0.4802	0.6838	0.8924	1.1053	1.3216	1.5405	1.7614	1.9839	2.2077	2.4325	2.6582	2.8846	3.1116	3.3391	3.5670	3.7953	4.0240	27.1
59.1-61.0	71.9- 74.6	0.3033	0.5183	0.7364	0.9601	1.1885	1.4206	1.6557	1.8930	2.1322	2.3728	2.6145	2.8572	3.1008	3.3450	3.5898	3.8351	4.0808	4.3269	27.2
61.1-63.0	74.7- 77.5	0.3281	0.5585	0.7918	1.0310	1.2755	1.5242	1.7761	2.0305	2.2870	2.5451	2.8045	3.0650	3.3265	3.5887	3.8515	4.1150	4.3789	4.6432	27.3
63.1-65.0	77.6- 80.4	0.3544	0.6009	0.8499	1.1053	1.3665	1.6323	1.9017	2.1740	2.4485	2.7249	3.0027	3.2818	3.5619	3.8428	4.1246	4.4069	4.6898	4.9731	27.4
65.1-67.0	80.6- 83.4	0.3824	0.6456	0.9109	1.1831	1.4616	1.7452	2.0329	2.3236	2.6170	2.9123	3.2093	3.5077	3.8073	4.1078	4.4091	4.7112	5.0139	5.3171	27.5
67.1-69.0	83.5- 86.3	0.4121	0.6928	0.9750	1.2646	1.5610	1.8631	2.1696	2.4796	2.7925	3.1076	3.4245	3.7430	4.0628	4.3837	4.7055	5.0281	5.3514	5.6753	27.6
69.1-71.0	86.5- 89.3	0.4437	0.7425	1.0422	1.3498	1.6648	1.9860	2.3122	2.6422	2.9753	3.3109	3.6486	3.9880	4.3288	4.6709	5.0140	5.3580	5.7027	6.0482	27.7
71.1-73.0	89.5- 92.4	0.4772	0.7949	1.1127	1.4388	1.7732	2.1142	2.4607	2.8114	3.1655	3.5225	3.8817	4.2429	4.6056	4.9697	5.3349	5.7011	6.0682	6.4360	27.8
73.1-75.0	92.5- 95.5	0.5127	0.8501	1.1866	1.5320	1.8862	2.2478	2.6153	2.9875	3.3635	3.7425	4.1241	4.5078	4.8933	5.2803	5.6685	6.0578	6.4481	6.8393	27.8
75.1-77.0	95.6- 98.6	0.5504	0.9082	1.2641	1.6293	2.0041	2.3870	2.7762	3.1707	3.5693	3.9713	4.3761	4.7832	5.1923	5.6030	6.0151	6.4285	6.8429	7.2582	27.9
77.1-79.0	98.7-101.7	0.5905	0.9695	1.3453	1.7311	2.1271	2.5319	2.9437	3.3611	3.7832	4.2090	4.6378	5.0692	5.5027	5.9381	6.3750	6.8133	7.2528	7.6932	27.9
79.1-81.0	101.8-104.8	0.6329	1.0340	1.4304	1.8373	2.2553	2.6827	3.1178	3.5591	4.0054	4.4558	4.9095	5.3661	5.8250	6.2860	6.7486	7.2128	7.6782	8.1447	28.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	14.1- 16.2	0.0018	0.0027	0.0033	0.0038	0.0043	0.0048	0.0053	0.0058	0.0064	0.0069	0.0075	0.0080	0.0086	0.0092	0.0097	0.0103	0.0109	0.0115	15.3
15.1-17.0	16.3- 18.4	0.0091	0.0157	0.0220	0.0282	0.0344	0.0405	0.0466	0.0527	0.0587	0.0648	0.0708	0.0769	0.0829	0.0889	0.0949	0.1009	0.1069	0.1129	16.6
17.1-19.0	18.5- 20.6	0.0169	0.0301	0.0438	0.0578	0.0721	0.0865	0.1010	0.1156	0.1303	0.1450	0.1597	0.1745	0.1892	0.2040	0.2189	0.2337	0.2486	0.2634	17.8
19.1-21.0	20.7- 22.9	0.0245	0.0439	0.0640	0.0845	0.1053	0.1263	0.1474	0.1685	0.1897	0.2110	0.2323	0.2537	0.2750	0.2964	0.3178	0.3392	0.3606	0.3820	18.8
21.1-23.0	23.0- 25.2	0.0322	0.0575	0.0837	0.1104	0.1374	0.1646	0.1919	0.2193	0.2468	0.2744	0.3019	0.3295	0.3572	0.3848	0.4125	0.4402	0.4679	0.4956	19.8
23.1-25.0	25.3- 27.5	0.0401	0.0715	0.1039	0.1369	0.1702	0.2038	0.2375	0.2713	0.3053	0.3392	0.3733	0.4073	0.4414	0.4756	0.5097	0.5439	0.5781	0.6123	20.6
25.1-27.0	27.7- 29.9	0.0483	0.0861	0.1250	0.1645	0.2045	0.2448	0.2852	0.3258	0.3665	0.4073	0.4481	0.4890	0.5299	0.5709	0.6119	0.6529	0.6939	0.7350	21.4
27.1-29.0	30.0- 32.3	0.0571	0.1014	0.1471	0.1936	0.2407	0.2880	0.3356	0.3833	0.4312	0.4792	0.5273	0.5754	0.6236	0.6718	0.7201	0.7684	0.8167	0.8651	22.1
29.1-31.0	32.4- 34.7	0.0663	0.1177	0.1706	0.2244	0.2789	0.3338	0.3890	0.4444	0.4999	0.5556	0.6114	0.6672	0.7231	0.7791	0.8351	0.8912	0.9473	1.0034	22.7
31.1-33.0	34.8- 37.2	0.0761	0.1349	0.1954	0.2571	0.3194	0.3823	0.4456	0.5091	0.5728	0.6367	0.7006	0.7647	0.8289	0.8931	0.9574	1.0218	1.0862	1.1506	23.3
33.1-35.0	37.3- 39.7	0.0865	0.1532	0.2217	0.2916	0.3624	0.4338	0.5056	0.5777	0.6501	0.7227	0.7954	0.8682	0.9412	1.0142	1.0873	1.1605	1.2337	1.3070	23.8
35.1-37.0	39.8- 42.2	0.0976	0.1725	0.2496	0.3282	0.4079	0.4882	0.5691	0.6504	0.7320	0.8138	0.8958	0.9780	1.0603	1.1427	1.2251	1.3077	1.3903	1.4730	24.2
37.1-39.0	42.3- 44.7	0.1094	0.1931	0.2791	0.3669	0.4559	0.5458	0.6363	0.7273	0.8186	0.9103	1.0021	1.0942	1.1864	1.2787	1.3711	1.4636	1.5562	1.6489	24.6
39.1-41.0	44.8- 47.3	0.1220	0.2149	0.3103	0.4078	0.5067	0.6066	0.7073	0.8085	0.9102	1.0122	1.1145	1.2170	1.3197	1.4225	1.5255	1.6285	1.7317	1.8350	25.0
41.1-43.0	47.4- 49.9	0.1354	0.2380	0.3433	0.4510	0.5603	0.6708	0.7822	0.8942	1.0068	1.1198	1.2331	1.3466	1.4604	1.5743	1.6885	1.8027	1.9171	2.0315	25.3
43.1-45.0	50.0- 52.5	0.1497	0.2624	0.3782	0.4965	0.6168	0.7384	0.8611	0.9845	1.1086	1.2331	1.3580	1.4832	1.6087	1.7344	1.8603	1.9863	2.1125	2.2388	25.6
45.1-47.0	52.6- 55.2	0.1648	0.2883	0.4150	0.5445	0.6762	0.8096	0.9441	1.0795	1.2157	1.3524	1.4895	1.6270	1.7648	1.9029	2.0412	2.1797	2.3183	2.4571	25.9
47.1-49.0	55.3- 57.8	0.1810	0.3157	0.4538	0.5950	0.7388	0.8844	1.0313	1.1794	1.3282	1.4777	1.6277	1.7782	1.9290	2.0801	2.2314	2.3830	2.5348	2.6867	26.2
49.1-51.0	58.0- 60.6	0.1982	0.3447	0.4947	0.6482	0.8045	0.9629	1.1229	1.2842	1.4463	1.6093	1.7728	1.9368	2.1013	2.2661	2.4312	2.5965	2.7621	2.9278	26.4
51.1-53.0	60.7- 63.3	0.2165	0.3753	0.5377	0.7040	0.8735	1.0454	1.2190	1.3941	1.5702	1.7472	1.9250	2.1032	2.2820	2.4612	2.6407	2.8205	3.0005	3.1808	26.6
53.1-55.0	63.4- 66.1	0.2359	0.4077	0.5831	0.7627	0.9459	1.1318	1.3197	1.5093	1.7000	1.8918	2.0843	2.2776	2.4713	2.6656	2.8602	3.0552	3.2504	3.4459	26.8
55.1-57.0	66.2- 68.9	0.2566	0.4419	0.6308	0.8243	1.0218	1.2223	1.4252	1.6298	1.8359	2.0430	2.2511	2.4600	2.6695	2.8795	3.0899	3.3008	3.5120	3.7234	26.9
57.1-59.0	69.0- 71.7	0.2786	0.4780	0.6809	0.8889	1.1013	1.3171	1.5355	1.7559	1.9779	2.2012	2.4255	2.6507	2.8766	3.1031	3.3302	3.5576	3.7855	4.0137	27.1
59.1-61.0	71.9- 74.6	0.3019	0.5162	0.7336	0.9567	1.1846	1.4162	1.6508	1.8876	2.1263	2.3664	2.6077	2.8500	3.0930	3.3368	3.5811	3.8260	4.0712	4.3169	27.2
61.1-63.0	74.7- 77.5	0.3267	0.5564	0.7890	1.0277	1.2717	1.5198	1.7712	2.0252	2.2812	2.5389	2.7979	3.0579	3.3189	3.5807	3.8431	4.1061	4.3695	4.6334	27.3
63.1-65.0	77.6- 80.4	0.3531	0.5988	0.8472	1.1021	1.3627	1.6281	1.8970	2.1688	2.4429	2.7188	2.9962	3.2748	3.5545	3.8350	4.1163	4.3982	4.6807	4.9636	27.4
65.1-67.0	80.6- 83.4	0.3811	0.6436	0.9083	1.1799	1.4579	1.7411	2.0282	2.3186	2.6115	2.9064	3.2030	3.5009	3.8000	4.1001	4.4011	4.7027	5.0050	5.3078	27.5
67.1-69.0	83.5- 86.3	0.4109	0.6908	0.9724	1.2614	1.5574	1.8590	2.1651	2.4747	2.7871	3.1018	3.4183	3.7364	4.0558	4.3762	4.6976	5.0198	5.3427	5.6662	27.6
69.1-71.0	86.5- 89.3	0.4424	0.7405	1.0396	1.3467	1.6613	1.9820	2.3077	2.6373	2.9700	3.3052	3.6425	3.9815	4.3219	4.6636	5.0063	5.3499	5.6942	6.0393	27.7
71.1-73.0	89.5- 92.4	0.4759	0.7930	1.1102	1.4358	1.7697	2.1103	2.4563	2.8066	3.1603	3.5169	3.8757	4.2365	4.5988	4.9625	5.3273	5.6932	6.0599	6.4273	27.8
73.1-75.0	92.5- 95.5	0.5115	0.8482	1.1841	1.5290	1.8828	2.2439	2.6110	2.9827	3.3583	3.7370	4.1182	4.5015	4.8866	5.2732	5.6611	6.0500	6.4400	6.8307	27.8
75.1-77.0	95.6- 98.6	0.5493	0.9064	1.2617	1.6264	2.0007	2.3831	2.7720	3.1660	3.5642	3.9658	4.3703	4.7770	5.1857	5.5960	6.0078	6.4208	6.8348	7.2498	27.9
77.1-79.0	98.7-101.7	0.5893	0.9677	1.3429	1.7281	2.1237	2.5281	2.9395	3.3565	3.7782	4.2036	4.6321	5.0631	5.4963	5.9313	6.3679	6.8058	7.2449	7.6850	27.9
79.1-81.0	101.8-104.8	0.6318	1.0322	1.4281	1.8344	2.2519	2.6789	3.1137	3.5546	4.0005	4.4505	4.9039	5.3601	5.8187	6.2792	6.7416	7.2053	7.6704	8.1366	28.0

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

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

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	16.3- 18.4	0.0023	0.0032	0.0037	0.0041	0.0044	0.0048	0.0053	0.0057	0.0062	0.0067	0.0072	0.0077	0.0083	0.0088	0.0093	0.0099	0.0104	0.0110	16.6
17.1-19.0	18.5- 20.6	0.0101	0.0169	0.0231	0.0289	0.0345	0.0400	0.0453	0.0506	0.0558	0.0609	0.0660	0.0711	0.0761	0.0812	0.0862	0.0912	0.0961	0.1011	17.8
19.1-21.0	20.7- 22.9	0.0186	0.0328	0.0473	0.0622	0.0773	0.0925	0.1080	0.1235	0.1391	0.1548	0.1705	0.1863	0.2021	0.2180	0.2339	0.2498	0.2657	0.2816	18.8
21.1-23.0	23.0- 25.2	0.0271	0.0484	0.0706	0.0934	0.1165	0.1400	0.1636	0.1874	0.2112	0.2352	0.2592	0.2832	0.3073	0.3314	0.3556	0.3798	0.4039	0.4282	19.8
23.1-25.0	25.3- 27.5	0.0356	0.0638	0.0931	0.1231	0.1535	0.1843	0.2152	0.2463	0.2775	0.3088	0.3401	0.3715	0.4029	0.4344	0.4659	0.4974	0.5290	0.5606	20.6
25.1-27.0	27.7- 29.9	0.0444	0.0793	0.1157	0.1528	0.1904	0.2284	0.2666	0.3050	0.3435	0.3820	0.4207	0.4594	0.4982	0.5370	0.5758	0.6146	0.6535	0.6924	21.4
27.1-29.0	30.0- 32.3	0.0534	0.0954	0.1389	0.1834	0.2284	0.2738	0.3195	0.3653	0.4114	0.4575	0.5037	0.5500	0.5963	0.6427	0.6892	0.7356	0.7821	0.8286	22.1
29.1-31.0	32.4- 34.7	0.0630	0.1122	0.1632	0.2153	0.2680	0.3212	0.3747	0.4284	0.4823	0.5364	0.5905	0.6448	0.6991	0.7534	0.8079	0.8623	0.9168	0.9714	22.7
31.1-33.0	34.8- 37.2	0.0730	0.1299	0.1887	0.2487	0.3095	0.3709	0.4326	0.4947	0.5569	0.6193	0.6819	0.7445	0.8073	0.8701	0.9329	0.9958	1.0588	1.1218	23.3
33.1-35.0	37.3- 39.7	0.0836	0.1485	0.2155	0.2839	0.3533	0.4233	0.4937	0.5645	0.6356	0.7068	0.7783	0.8498	0.9214	0.9932	1.0650	1.1369	1.2088	1.2808	23.8
35.1-37.0	39.8- 42.2	0.0949	0.1682	0.2438	0.3210	0.3994	0.4785	0.5581	0.6382	0.7186	0.7992	0.8800	0.9610	1.0421	1.1233	1.2045	1.2859	1.3674	1.4489	24.2
37.1-39.0	42.3- 44.7	0.1069	0.1890	0.2737	0.3602	0.4480	0.5367	0.6261	0.7159	0.8061	0.8966	0.9874	1.0783	1.1694	1.2606	1.3520	1.4434	1.5349	1.6265	24.6
39.1-41.0	44.8- 47.3	0.1196	0.2110	0.3052	0.4015	0.4992	0.5981	0.6977	0.7978	0.8984	0.9994	1.1006	1.2021	1.3038	1.4056	1.5075	1.6096	1.7117	1.8140	25.0
41.1-43.0	47.4- 49.9	0.1331	0.2343	0.3384	0.4449	0.5532	0.6627	0.7730	0.8841	0.9957	1.1077	1.2200	1.3326	1.4454	1.5584	1.6715	1.7848	1.8982	2.0117	25.3
43.1-45.0	50.0- 52.5	0.1474	0.2589	0.3735	0.4908	0.6100	0.7307	0.8524	0.9749	1.0980	1.2216	1.3456	1.4699	1.5945	1.7193	1.8443	1.9694	2.0947	2.2201	25.6
45.1-47.0	52.6- 55.2	0.1627	0.2849	0.4105	0.5390	0.6698	0.8022	0.9358	1.0703	1.2056	1.3414	1.4777	1.6144	1.7513	1.8885	2.0260	2.1636	2.3014	2.4393	25.9
47.1-49.0	55.3- 57.8	0.1789	0.3124	0.4494	0.5897	0.7326	0.8773	1.0234	1.1706	1.3186	1.4672	1.6164	1.7661	1.9160	2.0663	2.2169	2.3677	2.5186	2.6697	26.2
49.1-51.0	58.0- 60.6	0.1962	0.3415	0.4905	0.6431	0.7985	0.9561	1.1153	1.2757	1.4371	1.5992	1.7620	1.9252	2.0889	2.2529	2.4172	2.5818	2.7466	2.9116	26.4
51.1-53.0	60.7- 63.3	0.2145	0.3723	0.5337	0.6991	0.8677	1.0388	1.2116	1.3859	1.5613	1.7376	1.9145	2.0921	2.2701	2.4485	2.6273	2.8064	2.9857	3.1652	26.6
53.1-55.0	63.4- 66.1	0.2340	0.4047	0.5791	0.7579	0.9403	1.1254	1.3126	1.5014	1.6914	1.8824	2.0743	2.2668	2.4599	2.6534	2.8473	3.0416	3.2361	3.4309	26.8
55.1-57.0	66.2- 68.9	0.2548	0.4390	0.6269	0.8196	1.0164	1.2161	1.4182	1.6222	1.8275	2.0340	2.2414	2.4496	2.6584	2.8677	3.0775	3.2877	3.4982	3.7090	26.9
57.1-59.0	69.0- 71.7	0.2768	0.4752	0.6772	0.8844	1.0960	1.3111	1.5287	1.7485	1.9698	2.1924	2.4161	2.6406	2.8659	3.0918	3.3181	3.5449	3.7721	3.9997	27.1
59.1-61.0	71.9- 74.6	0.3002	0.5134	0.7300	0.9523	1.1794	1.4103	1.6442	1.8804	2.1184	2.3579	2.5985	2.8402	3.0826	3.3257	3.5695	3.8137	4.0583	4.3033	27.2
61.1-63.0	74.7- 77.5	0.3251	0.5537	0.7855	1.0234	1.2666	1.5141	1.7649	2.0182	2.2736	2.5306	2.7890	3.0484	3.3088	3.5699	3.8318	4.0941	4.3570	4.6203	27.3
63.1-65.0	77.6- 80.4	0.3515	0.5962	0.8437	1.0978	1.3578	1.6225	1.8908	2.1620	2.4354	2.7107	2.9875	3.2656	3.5447	3.8246	4.1053	4.3866	4.6685	4.9509	27.4
65.1-67.0	80.6- 83.4	0.3795	0.6410	0.9049	1.1758	1.4531	1.7356	2.0221	2.3119	2.6042	2.8985	3.1945	3.4919	3.7904	4.0900	4.3903	4.6914	4.9931	5.2953	27.5
67.1-69.0	83.5- 86.3	0.4093	0.6883	0.9690	1.2573	1.5527	1.8536	2.1591	2.4681	2.7799	3.0940	3.4100	3.7276	4.0464	4.3663	4.6871	5.0088	5.3311	5.6541	27.6
69.1-71.0	86.5- 89.3	0.4409	0.7381	1.0364	1.3427	1.6566	1.9767	2.3018	2.6308	2.9630	3.2976	3.6344	3.9729	4.3128	4.6539	4.9960	5.3391	5.6829	6.0275	27.7
71.1-73.0	89.5- 92.4	0.4745	0.7905	1.1070	1.4319	1.7651	2.1051	2.4505	2.8003	3.1535	3.5095	3.8678	4.2280	4.5898	4.9530	5.3173	5.6826	6.0488	6.4158	27.8
73.1-75.0	92.5- 95.5	0.5101	0.8458	1.1810	1.5251	1.8783	2.2388	2.6053	2.9765	3.3516	3.7298	4.1104	4.4932	4.8778	5.2639	5.6513	6.0397	6.4291	6.8194	27.8
75.1-77.0	95.6- 98.6	0.5478	0.9040	1.2586	1.6226	1.9963	2.3781	2.7664	3.1599	3.5576	3.9587	4.3626	4.7689	5.1771	5.5869	5.9982	6.4107	6.8242	7.2387	27.9
77.1-79.0	98.7-101.7	0.5879	0.9654	1.3398	1.7244	2.1194	2.5231	2.9340	3.3505	3.7717	4.1966	4.6246	5.0551	5.4878	5.9223	6.3584	6.7959	7.2345	7.6741	27.9
79.1-81.0	101.8-104.8	0.6304	1.0299	1.4250	1.8307	2.2476	2.6741	3.1083	3.5487	3.9941	4.4436	4.8965	5.3522	5.8103	6.2704	6.7323	7.1956	7.6602	8.1259	28.0

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

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: HARDWOOD
NATURAL REGIONS: 9, 11

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	5.6- 7.6	0.0014	0.0024	0.0035	0.0045	0.0056	0.0067	0.0077	0.0088	0.0098	0.0109	0.0120	0.0130	0.0141	0.0152	0.0162	0.0173	0.0184	0.0195	8.2
7.1- 9.0	7.8- 9.8	0.0057	0.0096	0.0135	0.0174	0.0214	0.0253	0.0293	0.0332	0.0372	0.0411	0.0451	0.0490	0.0530	0.0569	0.0609	0.0648	0.0688	0.0728	10.4
9.1-11.0	9.9- 12.0	0.0097	0.0163	0.0228	0.0294	0.0360	0.0427	0.0493	0.0559	0.0626	0.0692	0.0758	0.0825	0.0891	0.0958	0.1024	0.1090	0.1157	0.1223	12.3
11.1-13.0	12.1- 14.2	0.0142	0.0238	0.0334	0.0431	0.0528	0.0625	0.0722	0.0820	0.0917	0.1014	0.1112	0.1209	0.1307	0.1404	0.1502	0.1599	0.1697	0.1794	14.1
13.1-15.0	14.3- 16.4	0.0192	0.0322	0.0454	0.0587	0.0719	0.0852	0.0985	0.1118	0.1251	0.1384	0.1517	0.1651	0.1784	0.1917	0.2051	0.2184	0.2318	0.2451	15.7
15.1-17.0	16.6- 18.7	0.0247	0.0417	0.0589	0.0762	0.0935	0.1108	0.1282	0.1455	0.1629	0.1803	0.1977	0.2151	0.2325	0.2499	0.2673	0.2848	0.3022	0.3196	17.1
17.1-19.0	18.8- 20.9	0.0307	0.0522	0.0739	0.0956	0.1175	0.1393	0.1612	0.1832	0.2051	0.2271	0.2490	0.2710	0.2930	0.3150	0.3369	0.3589	0.3810	0.4030	18.3
19.1-21.0	21.0- 23.2	0.0373	0.0637	0.0903	0.1170	0.1439	0.1708	0.1977	0.2247	0.2516	0.2786	0.3057	0.3327	0.3597	0.3868	0.4139	0.4409	0.4680	0.4951	19.4
21.1-23.0	23.3- 25.4	0.0444	0.0761	0.1081	0.1403	0.1726	0.2050	0.2375	0.2700	0.3025	0.3350	0.3676	0.4002	0.4328	0.4654	0.4980	0.5307	0.5633	0.5960	20.3
23.1-25.0	25.6- 27.7	0.0520	0.0894	0.1273	0.1654	0.2037	0.2421	0.2805	0.3190	0.3576	0.3962	0.4348	0.4734	0.5120	0.5507	0.5894	0.6281	0.6668	0.7055	21.2
25.1-27.0	27.8- 30.0	0.0601	0.1037	0.1479	0.1924	0.2371	0.2819	0.3268	0.3718	0.4169	0.4620	0.5071	0.5523	0.5974	0.6426	0.6879	0.7331	0.7783	0.8236	21.9
27.1-29.0	30.1- 32.3	0.0687	0.1189	0.1698	0.2211	0.2727	0.3245	0.3763	0.4283	0.4803	0.5324	0.5845	0.6367	0.6889	0.7411	0.7934	0.8456	0.8979	0.9502	22.6
29.1-31.0	32.4- 34.6	0.0778	0.1350	0.1931	0.2517	0.3106	0.3697	0.4290	0.4884	0.5479	0.6074	0.6670	0.7267	0.7864	0.8461	0.9059	0.9656	1.0254	1.0853	23.1
31.1-33.0	34.7- 36.9	0.0874	0.1520	0.2176	0.2839	0.3506	0.4176	0.4848	0.5521	0.6195	0.6870	0.7545	0.8221	0.8898	0.9575	1.0253	1.0930	1.1608	1.2287	23.6
33.1-35.0	37.1- 39.3	0.0975	0.1699	0.2435	0.3180	0.3929	0.4681	0.5436	0.6193	0.6951	0.7710	0.8470	0.9230	0.9991	1.0753	1.1515	1.2277	1.3040	1.3803	24.1
35.1-37.0	39.4- 41.6	0.1081	0.1886	0.2707	0.3537	0.4373	0.5213	0.6055	0.6900	0.7747	0.8594	0.9443	1.0293	1.1143	1.1994	1.2845	1.3697	1.4549	1.5402	24.5
37.1-39.0	41.7- 44.0	0.1192	0.2083	0.2992	0.3911	0.4838	0.5770	0.6705	0.7642	0.8582	0.9523	1.0465	1.1408	1.2352	1.3297	1.4243	1.5189	1.6135	1.7082	24.8
39.1-41.0	44.1- 46.4	0.1308	0.2288	0.3289	0.4303	0.5325	0.6352	0.7384	0.8419	0.9456	1.0495	1.1535	1.2577	1.3619	1.4663	1.5707	1.6752	1.7797	1.8843	25.1
41.1-43.0	46.5- 48.7	0.1429	0.2503	0.3600	0.4711	0.5832	0.6960	0.8093	0.9229	1.0368	1.1510	1.2653	1.3797	1.4943	1.6089	1.7237	1.8385	1.9534	2.0684	25.3
43.1-45.0	48.9- 51.1	0.1555	0.2726	0.3923	0.5136	0.6360	0.7593	0.8831	1.0073	1.1319	1.2567	1.3817	1.5069	1.6323	1.7577	1.8833	2.0089	2.1346	2.2604	25.6
45.1-47.0	51.3- 53.5	0.1687	0.2959	0.4258	0.5577	0.6909	0.8250	0.9598	1.0951	1.2308	1.3667	1.5029	1.6393	1.7759	1.9125	2.0494	2.1863	2.3233	2.4603	25.8
47.1-49.0	53.7- 56.0	0.1824	0.3200	0.4607	0.6035	0.7479	0.8933	1.0394	1.1862	1.3334	1.4809	1.6287	1.7767	1.9250	2.0734	2.2219	2.3705	2.5193	2.6681	25.9
49.1-51.0	56.1- 58.4	0.1967	0.3451	0.4968	0.6510	0.8069	0.9640	1.1219	1.2806	1.4397	1.5993	1.7591	1.9193	2.0796	2.2401	2.4008	2.5616	2.7226	2.8836	26.1
51.1-53.0	58.5- 60.8	0.2115	0.3710	0.5342	0.7001	0.8679	1.0371	1.2073	1.3782	1.5498	1.7218	1.8941	2.0668	2.2397	2.4128	2.5861	2.7596	2.9331	3.1068	26.2
53.1-55.0	61.0- 63.3	0.2269	0.3980	0.5729	0.7509	0.9310	1.1127	1.2955	1.4792	1.6635	1.8484	2.0336	2.2193	2.4052	2.5913	2.7777	2.9642	3.1509	3.3377	26.3
55.1-57.0	63.4- 65.7	0.2430	0.4258	0.6129	0.8033	0.9961	1.1906	1.3865	1.5833	1.7809	1.9790	2.1777	2.3767	2.5761	2.7757	2.9756	3.1756	3.3759	3.5763	26.4
57.1-59.0	65.9- 68.2	0.2596	0.4546	0.6541	0.8573	1.0632	1.2710	1.4803	1.6907	1.9019	2.1138	2.3262	2.5391	2.7523	2.9658	3.1797	3.3937	3.6079	3.8223	26.5
59.1-61.0	68.3- 70.7	0.2768	0.4844	0.6967	0.9130	1.1323	1.3538	1.5769	1.8012	2.0265	2.2525	2.4792	2.7063	2.9338	3.1617	3.3899	3.6184	3.8470	4.0759	26.6
61.1-63.0	70.8- 73.2	0.2947	0.5152	0.7406	0.9704	1.2035	1.4390	1.6763	1.9150	2.1547	2.3953	2.6365	2.8784	3.1207	3.3633	3.6063	3.8496	4.0932	4.3369	26.7
63.1-65.0	73.3- 75.7	0.3133	0.5470	0.7859	1.0295	1.2767	1.5266	1.7784	2.0319	2.2865	2.5420	2.7983	3.0553	3.3127	3.5706	3.8289	4.0874	4.3463	4.6054	26.7
65.1-67.0	75.9- 78.3	0.3325	0.5798	0.8324	1.0902	1.3519	1.6165	1.8834	2.1519	2.4218	2.6927	2.9645	3.2370	3.5100	3.7835	4.0575	4.3318	4.6064	4.8812	26.8
67.1-69.0	78.4- 80.8	0.3525	0.6137	0.8804	1.1526	1.4291	1.7088	1.9911	2.2751	2.5607	2.8474	3.1350	3.4234	3.7125	4.0020	4.2921	4.5825	4.8733	5.1644	26.8
69.1-71.0	80.9- 83.3	0.3731	0.6486	0.9297	1.2166	1.5083	1.8036	2.1015	2.4015	2.7031	3.0059	3.3098	3.6146	3.9201	4.2261	4.5327	4.8397	5.1471	5.4548	26.8
71.1-73.0	83.5- 85.9	0.3945	0.6846	0.9803	1.2824	1.5896	1.9007	2.2147	2.5309	2.8490	3.1684	3.4890	3.8105	4.1328	4.4558	4.7793	5.1033	5.4278	5.7525	26.9
73.1-75.0	86.0- 88.5	0.4167	0.7217	1.0324	1.3499	1.6729	2.0002	2.3306	2.6635	2.9984	3.3348	3.6724	4.0111	4.3507	4.6910	5.0319	5.3733	5.7152	6.0574	26.9
75.1-77.0	88.6- 91.0	0.4396	0.7599	1.0859	1.4191	1.7583	2.1020	2.4493	2.7992	3.1512	3.5050	3.8601	4.2164	4.5736	4.9316	5.2903	5.6496	6.0093	6.3695	26.9
77.1-79.0	91.2- 93.6	0.4633	0.7993	1.1409	1.4901	1.8457	2.2063	2.5707	2.9380	3.3076	3.6791	4.0521	4.4263	4.8016	5.1777	5.5546	5.9321	6.3102	6.6887	27.0
79.1-81.0	93.8- 96.2	0.4879	0.8399	1.1973	1.5628	1.9352	2.3130	2.6948	3.0799	3.4674	3.8570	4.2483	4.6409	5.0346	5.4293	5.8248	6.2209	6.6177	7.0150	27.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	7.8- 9.8	0.0013	0.0023	0.0033	0.0043	0.0053	0.0063	0.0073	0.0083	0.0092	0.0102	0.0112	0.0122	0.0132	0.0142	0.0152	0.0161	0.0171	0.0181	10.4
9.1-11.0	9.9- 12.0	0.0072	0.0125	0.0179	0.0233	0.0287	0.0341	0.0395	0.0450	0.0504	0.0559	0.0613	0.0668	0.0722	0.0777	0.0831	0.0886	0.0940	0.0995	12.3
11.1-13.0	12.1- 14.2	0.0125	0.0213	0.0302	0.0391	0.0480	0.0570	0.0659	0.0749	0.0839	0.0929	0.1018	0.1108	0.1198	0.1288	0.1378	0.1468	0.1558	0.1648	14.1
13.1-15.0	14.3- 16.4	0.0178	0.0303	0.0429	0.0556	0.0683	0.0810	0.0937	0.1064	0.1191	0.1319	0.1446	0.1574	0.1701	0.1829	0.1957	0.2084	0.2212	0.2340	15.7
15.1-17.0	16.6- 18.7	0.0235	0.0401	0.0568	0.0736	0.0904	0.1073	0.1242	0.1411	0.1580	0.1749	0.1918	0.2088	0.2257	0.2427	0.2596	0.2766	0.2935	0.3105	17.1
17.1-19.0	18.8- 20.9	0.0297	0.0508	0.0721	0.0934	0.1148	0.1363	0.1578	0.1793	0.2009	0.2224	0.2440	0.2655	0.2871	0.3087	0.3303	0.3519	0.3735	0.3951	18.3
19.1-21.0	21.0- 23.2	0.0364	0.0624	0.0886	0.1150	0.1415	0.1681	0.1946	0.2213	0.2479	0.2745	0.3012	0.3279	0.3546	0.3813	0.4080	0.4347	0.4614	0.4882	19.4
21.1-23.0	23.3- 25.4	0.0436	0.0749	0.1066	0.1385	0.1705	0.2026	0.2347	0.2669	0.2991	0.3313	0.3636	0.3959	0.4281	0.4604	0.4928	0.5251	0.5574	0.5897	20.3
23.1-25.0	25.6- 27.7	0.0513	0.0883	0.1259	0.1638	0.2017	0.2398	0.2780	0.3162	0.3545	0.3928	0.4311	0.4694	0.5078	0.5462	0.5846	0.6230	0.6614	0.6998	21.2
25.1-27.0	27.8- 30.0	0.0594	0.1027	0.1466	0.1908	0.2353	0.2798	0.3245	0.3692	0.4140	0.4588	0.5037	0.5486	0.5935	0.6384	0.6834	0.7284	0.7734	0.8184	21.9
27.1-29.0	30.1- 32.3	0.0680	0.1179	0.1686	0.2197	0.2710	0.3225	0.3741	0.4258	0.4776	0.5295	0.5814	0.6333	0.6852	0.7372	0.7892	0.8412	0.8933	0.9453	22.6
29.1-31.0	32.4- 34.6	0.0772	0.1341	0.1919	0.2503	0.3090	0.3679	0.4269	0.4861	0.5453	0.6047	0.6640	0.7235	0.7829	0.8424	0.9019	0.9615	1.0211	1.0807	23.1
31.1-33.0	34.7- 36.9	0.0868	0.1511	0.2165	0.2826	0.3491	0.4158	0.4828	0.5499	0.6171	0.6843	0.7517	0.8191	0.8865	0.9540	1.0216	1.0891	1.1567	1.2243	23.6
33.1-35.0	37.1- 39.3	0.0969	0.1690	0.2425	0.3167	0.3914	0.4665	0.5417	0.6172	0.6928	0.7685	0.8443	0.9201	0.9960	1.0720	1.1480	1.2240	1.3001	1.3762	24.1
35.1-37.0	39.4- 41.6	0.1075	0.1878	0.2697	0.3525	0.4359	0.5197	0.6037	0.6880	0.7725	0.8570	0.9417	1.0265	1.1113	1.1962	1.2812	1.3662	1.4512	1.5363	24.5
37.1-39.0	41.7- 44.0	0.1186	0.2075	0.2982	0.3900	0.4824	0.5754	0.6687	0.7623	0.8561	0.9500	1.0440	1.1382	1.2324	1.3267	1.4211	1.5155	1.6099	1.7044	24.8
39.1-41.0	44.1- 46.4	0.1302	0.2281	0.3280	0.4291	0.5311	0.6337	0.7367	0.8400	0.9435	1.0472	1.1511	1.2551	1.3592	1.4633	1.5676	1.6719	1.7763	1.8807	25.1
41.1-43.0	46.5- 48.7	0.1423	0.2495	0.3590	0.4700	0.5819	0.6945	0.8076	0.9211	1.0349	1.1488	1.2630	1.3772	1.4916	1.6061	1.7207	1.8354	1.9501	2.0649	25.3
43.1-45.0	48.9- 51.1	0.1550	0.2719	0.3913	0.5125	0.6348	0.7579	0.8815	1.0056	1.1300	1.2546	1.3795	1.5045	1.6297	1.7550	1.8804	2.0059	2.1314	2.2570	25.6
45.1-47.0	51.3- 53.5	0.1681	0.2951	0.4249	0.5567	0.6897	0.8237	0.9583	1.0934	1.2289	1.3647	1.5007	1.6370	1.7734	1.9099	2.0465	2.1833	2.3201	2.4571	25.8
47.1-49.0	53.7- 56.0	0.1819	0.3193	0.4598	0.6025	0.7467	0.8919	1.0379	1.1845	1.3316	1.4789	1.6266	1.7745	1.9225	2.0708	2.2192	2.3676	2.5162	2.6649	25.9
49.1-51.0	56.1- 58.4	0.1962	0.3443	0.4959	0.6500	0.8057	0.9626	1.1205	1.2790	1.4379	1.5973	1.7571	1.9170	2.0772	2.2376	2.3981	2.5588	2.7196	2.8805	26.1
51.1-53.0	58.5- 60.8	0.2110	0.3703	0.5333	0.6991	0.8668	1.0358	1.2058	1.3766	1.5480	1.7199	1.8921	2.0646	2.2374	2.4103	2.5835	2.7568	2.9302	3.1038	26.2
53.1-55.0	61.0- 63.3	0.2264	0.3973	0.5720	0.7499	0.9298	1.1114	1.2941	1.4776	1.6618	1.8465	2.0317	2.2171	2.4029	2.5889	2.7751	2.9615	3.1481	3.3348	26.3
55.1-57.0	63.4- 65.7	0.2424	0.4251	0.6120	0.8023	0.9949	1.1894	1.3851	1.5818	1.7792	1.9772	2.1757	2.3746	2.5738	2.7733	2.9731	3.1730	3.3731	3.5733	26.4
57.1-59.0	65.9- 68.2	0.2591	0.4540	0.6533	0.8563	1.0621	1.2698	1.4789	1.6891	1.9002	2.1120	2.3243	2.5370	2.7501	2.9635	3.1772	3.3911	3.6052	3.8195	26.5
59.1-61.0	68.3- 70.7	0.2763	0.4838	0.6959	0.9121	1.1312	1.3526	1.5755	1.7997	2.0249	2.2508	2.4773	2.7043	2.9317	3.1594	3.3875	3.6158	3.8444	4.0731	26.6
61.1-63.0	70.8- 73.2	0.2942	0.5146	0.7398	0.9695	1.2024	1.4378	1.6749	1.9135	2.1531	2.3935	2.6347	2.8764	3.1185	3.3611	3.6040	3.8471	4.0905	4.3342	26.7
63.1-65.0	73.3- 75.7	0.3128	0.5464	0.7850	1.0285	1.2756	1.5253	1.7771	2.0304	2.2849	2.5403	2.7965	3.0533	3.3106	3.5684	3.8265	4.0850	4.3437	4.6027	26.7
65.1-67.0	75.9- 78.3	0.3320	0.5792	0.8316	1.0892	1.3508	1.6153	1.8820	2.1505	2.4202	2.6910	2.9627	3.2350	3.5079	3.7813	4.0551	4.3293	4.6038	4.8785	26.8
67.1-69.0	78.4- 80.8	0.3520	0.6130	0.8796	1.1516	1.4280	1.7077	1.9897	2.2737	2.5591	2.8457	3.1332	3.4215	3.7104	3.9999	4.2898	4.5801	4.8708	5.1617	26.8
69.1-71.0	80.9- 83.3	0.3726	0.6480	0.9289	1.2157	1.5073	1.8024	2.1002	2.4000	2.7015	3.0043	3.3080	3.6127	3.9180	4.2240	4.5304	4.8373	5.1446	5.4522	26.8
71.1-73.0	83.5- 85.9	0.3940	0.6840	0.9795	1.2815	1.5886	1.8995	2.2134	2.5295	2.8474	3.1667	3.4872	3.8086	4.1308	4.4537	4.7771	5.1009	5.4253	5.7499	26.9
73.1-75.0	86.0- 88.5	0.4162	0.7211	1.0316	1.3490	1.6719	1.9990	2.3293	2.6621	2.9968	3.3331	3.6707	4.0092	4.3487	4.6888	5.0296	5.3709	5.7127	6.0548	26.9
75.1-77.0	88.6- 91.0	0.4391	0.7593	1.0851	1.4182	1.7573	2.1009	2.4480	2.7978	3.1497	3.5033	3.8584	4.2145	4.5716	4.9295	5.2881	5.6472	6.0069	6.3669	26.9
77.1-79.0	91.2- 93.6	0.4629	0.7987	1.1401	1.4892	1.8447	2.2051	2.5694	2.9366	3.3061	3.6775	4.0503	4.4244	4.7996	5.1756	5.5524	5.9298	6.3077	6.6862	27.0
79.1-81.0	93.8- 96.2	0.4874	0.8392	1.1965	1.5619	1.9342	2.3118	2.6935	3.0785	3.4659	3.8554	4.2465	4.6390	5.0326	5.4272	5.8226	6.2186	6.6153	7.0125	27.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	12.1- 14.2	0.0047	0.0083	0.0118	0.0153	0.0187	0.0221	0.0256	0.0290	0.0324	0.0359	0.0393	0.0427	0.0462	0.0496	0.0530	0.0564	0.0599	0.0633	14.1
13.1-15.0	14.3- 16.4	0.0124	0.0219	0.0316	0.0414	0.0513	0.0612	0.0711	0.0811	0.0911	0.1010	0.1110	0.1210	0.1310	0.1410	0.1511	0.1611	0.1711	0.1811	15.7
15.1-17.0	16.6- 18.7	0.0194	0.0339	0.0487	0.0635	0.0784	0.0934	0.1084	0.1234	0.1384	0.1534	0.1685	0.1835	0.1986	0.2136	0.2287	0.2438	0.2588	0.2739	17.1
17.1-19.0	18.8- 20.9	0.0264	0.0458	0.0655	0.0854	0.1053	0.1253	0.1453	0.1654	0.1854	0.2055	0.2256	0.2457	0.2658	0.2859	0.3060	0.3261	0.3463	0.3664	18.3
19.1-21.0	21.0- 23.2	0.0335	0.0581	0.0831	0.1082	0.1335	0.1588	0.1841	0.2095	0.2349	0.2604	0.2858	0.3112	0.3367	0.3622	0.3877	0.4132	0.4387	0.4642	19.4
21.1-23.0	23.3- 25.4	0.0410	0.0711	0.1017	0.1325	0.1635	0.1945	0.2256	0.2567	0.2878	0.3190	0.3502	0.3814	0.4126	0.4439	0.4751	0.5064	0.5376	0.5689	20.3
23.1-25.0	25.6- 27.7	0.0489	0.0849	0.1215	0.1584	0.1954	0.2326	0.2698	0.3071	0.3444	0.3818	0.4191	0.4565	0.4940	0.5314	0.5689	0.6063	0.6438	0.6813	21.2
25.1-27.0	27.8- 30.0	0.0572	0.0996	0.1426	0.1859	0.2295	0.2732	0.3170	0.3609	0.4049	0.4488	0.4929	0.5369	0.5810	0.6251	0.6692	0.7133	0.7574	0.8016	21.9
27.1-29.0	30.1- 32.3	0.0660	0.1150	0.1649	0.2151	0.2657	0.3164	0.3673	0.4182	0.4692	0.5203	0.5714	0.6226	0.6737	0.7249	0.7762	0.8274	0.8787	0.9299	22.6
29.1-31.0	32.4- 34.6	0.0752	0.1313	0.1884	0.2460	0.3040	0.3622	0.4205	0.4790	0.5375	0.5961	0.6548	0.7135	0.7723	0.8310	0.8899	0.9487	1.0075	1.0664	23.1
31.1-33.0	34.7- 36.9	0.0849	0.1485	0.2132	0.2786	0.3444	0.4105	0.4768	0.5432	0.6097	0.6764	0.7430	0.8098	0.8766	0.9434	1.0103	1.0771	1.1441	1.2110	23.6
33.1-35.0	37.1- 39.3	0.0951	0.1665	0.2393	0.3129	0.3870	0.4614	0.5361	0.6109	0.6859	0.7610	0.8361	0.9113	0.9866	1.0620	1.1373	1.2128	1.2882	1.3637	24.1
35.1-37.0	39.4- 41.6	0.1058	0.1854	0.2667	0.3489	0.4317	0.5149	0.5983	0.6820	0.7659	0.8499	0.9340	1.0182	1.1024	1.1867	1.2711	1.3555	1.4399	1.5244	24.5
37.1-39.0	41.7- 44.0	0.1170	0.2052	0.2953	0.3865	0.4784	0.5708	0.6636	0.7566	0.8498	0.9432	1.0367	1.1303	1.2239	1.3177	1.4115	1.5053	1.5992	1.6932	24.8
39.1-41.0	44.1- 46.4	0.1286	0.2259	0.3252	0.4258	0.5273	0.6293	0.7318	0.8345	0.9375	1.0407	1.1441	1.2475	1.3511	1.4547	1.5584	1.6622	1.7660	1.8699	25.1
41.1-43.0	46.5- 48.7	0.1408	0.2474	0.3563	0.4668	0.5782	0.6903	0.8029	0.9159	1.0291	1.1426	1.2562	1.3700	1.4839	1.5979	1.7119	1.8261	1.9403	2.0546	25.3
43.1-45.0	48.9- 51.1	0.1535	0.2698	0.3887	0.5094	0.6312	0.7538	0.8769	1.0005	1.1244	1.2486	1.3730	1.4975	1.6222	1.7470	1.8719	1.9969	2.1220	2.2472	25.6
45.1-47.0	51.3- 53.5	0.1667	0.2931	0.4224	0.5536	0.6862	0.8197	0.9538	1.0885	1.2235	1.3589	1.4944	1.6302	1.7661	1.9022	2.0384	2.1747	2.3111	2.4475	25.8
47.1-49.0	53.7- 56.0	0.1805	0.3173	0.4573	0.5995	0.7433	0.8881	1.0336	1.1798	1.3264	1.4733	1.6205	1.7679	1.9156	2.0634	2.2113	2.3593	2.5075	2.6557	25.9
49.1-51.0	56.1- 58.4	0.1948	0.3424	0.4935	0.6471	0.8024	0.9589	1.1163	1.2743	1.4329	1.5919	1.7511	1.9107	2.0705	2.2304	2.3905	2.5508	2.7111	2.8716	26.1
51.1-53.0	58.5- 60.8	0.2096	0.3684	0.5310	0.6963	0.8635	1.0321	1.2017	1.3721	1.5431	1.7145	1.8863	2.0584	2.2308	2.4033	2.5761	2.7490	2.9220	3.0951	26.2
53.1-55.0	61.0- 63.3	0.2251	0.3954	0.5697	0.7471	0.9267	1.1078	1.2900	1.4732	1.6570	1.8413	2.0260	2.2111	2.3965	2.5821	2.7679	2.9539	3.1401	3.3263	26.3
55.1-57.0	63.4- 65.7	0.2411	0.4233	0.6097	0.7996	0.9918	1.1858	1.3812	1.5774	1.7745	1.9721	2.1702	2.3688	2.5676	2.7667	2.9660	3.1656	3.3653	3.5651	26.4
57.1-59.0	65.9- 68.2	0.2578	0.4521	0.6510	0.8537	1.0590	1.2663	1.4751	1.6849	1.8956	2.1070	2.3189	2.5313	2.7440	2.9570	3.1703	3.3838	3.5976	3.8114	26.5
59.1-61.0	68.3- 70.7	0.2751	0.4820	0.6937	0.9094	1.1282	1.3492	1.5718	1.7956	2.0203	2.2459	2.4720	2.6986	2.9257	3.1531	3.3808	3.6087	3.8369	4.0652	26.6
61.1-63.0	70.8- 73.2	0.2930	0.5128	0.7376	0.9669	1.1994	1.4344	1.6712	1.9094	2.1487	2.3887	2.6295	2.8709	3.1127	3.3549	3.5974	3.8402	4.0832	4.3265	26.7
63.1-65.0	73.3- 75.7	0.3116	0.5446	0.7829	1.0259	1.2727	1.5220	1.7735	2.0264	2.2805	2.5356	2.7914	3.0479	3.3049	3.5623	3.8200	4.0781	4.3365	4.5951	26.7
65.1-67.0	75.9- 78.3	0.3308	0.5775	0.8295	1.0867	1.3479	1.6121	1.8784	2.1465	2.4159	2.6864	2.9577	3.2297	3.5023	3.7753	4.0488	4.3226	4.5967	4.8711	26.8
67.1-69.0	78.4- 80.8	0.3508	0.6113	0.8774	1.1491	1.4252	1.7044	1.9862	2.2698	2.5549	2.8411	3.1283	3.4162	3.7048	3.9940	4.2835	4.5735	4.8638	5.1545	26.8
69.1-71.0	80.9- 83.3	0.3714	0.6463	0.9268	1.2132	1.5044	1.7992	2.0967	2.3962	2.6973	2.9997	3.3032	3.6075	3.9125	4.2182	4.5243	4.8309	5.1378	5.4451	26.8
71.1-73.0	83.5- 85.9	0.3929	0.6823	0.9775	1.2791	1.5858	1.8964	2.2099	2.5257	2.8433	3.1623	3.4824	3.8035	4.1254	4.4479	4.7710	5.0946	5.4185	5.7429	26.9
73.1-75.0	86.0- 88.5	0.4150	0.7194	1.0296	1.3466	1.6691	1.9959	2.3259	2.6583	2.9927	3.3287	3.6659	4.0042	4.3433	4.6832	5.0236	5.3646	5.7061	6.0479	26.9
75.1-77.0	88.6- 91.0	0.4380	0.7576	1.0831	1.4158	1.7545	2.0978	2.4446	2.7941	3.1457	3.4990	3.8537	4.2095	4.5663	4.9239	5.2821	5.6410	6.0003	6.3601	26.9
77.1-79.0	91.2- 93.6	0.4617	0.7970	1.1380	1.4868	1.8420	2.2021	2.5660	2.9329	3.3021	3.6731	4.0457	4.4195	4.7944	5.1701	5.5465	5.9236	6.3013	6.6794	27.0
79.1-81.0	93.8- 96.2	0.4863	0.8376	1.1945	1.5595	1.9315	2.3088	2.6902	3.0748	3.4620	3.8511	4.2420	4.6341	5.0274	5.4217	5.8168	6.2125	6.6089	7.0058	27.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	12.1- 14.2	0.0013	0.0024	0.0035	0.0045	0.0055	0.0066	0.0076	0.0086	0.0097	0.0107	0.0117	0.0128	0.0138	0.0148	0.0159	0.0169	0.0179	0.0190	14.1
13.1-15.0	14.3- 16.4	0.0090	0.0159	0.0229	0.0300	0.0372	0.0444	0.0516	0.0589	0.0662	0.0734	0.0807	0.0880	0.0953	0.1026	0.1100	0.1173	0.1246	0.1319	15.7
15.1-17.0	16.6- 18.7	0.0169	0.0299	0.0432	0.0566	0.0702	0.0837	0.0973	0.1110	0.1246	0.1383	0.1520	0.1657	0.1794	0.1931	0.2068	0.2205	0.2342	0.2480	17.1
17.1-19.0	18.8- 20.9	0.0244	0.0428	0.0615	0.0804	0.0994	0.1184	0.1375	0.1566	0.1757	0.1949	0.2140	0.2332	0.2524	0.2715	0.2907	0.3099	0.3291	0.3483	18.3
19.1-21.0	21.0- 23.2	0.0319	0.0557	0.0799	0.1043	0.1288	0.1534	0.1780	0.2026	0.2273	0.2520	0.2767	0.3014	0.3262	0.3509	0.3757	0.4004	0.4252	0.4500	19.4
21.1-23.0	23.3- 25.4	0.0396	0.0691	0.0990	0.1292	0.1595	0.1899	0.2204	0.2509	0.2814	0.3120	0.3426	0.3732	0.4038	0.4344	0.4651	0.4957	0.5264	0.5571	20.3
23.1-25.0	25.6- 27.7	0.0476	0.0831	0.1192	0.1555	0.1920	0.2286	0.2653	0.3021	0.3389	0.3757	0.4126	0.4494	0.4863	0.5233	0.5602	0.5971	0.6341	0.6711	21.2
25.1-27.0	27.8- 30.0	0.0561	0.0979	0.1404	0.1833	0.2264	0.2697	0.3130	0.3565	0.3999	0.4434	0.4870	0.5306	0.5742	0.6178	0.6615	0.7051	0.7488	0.7925	21.9
27.1-29.0	30.1- 32.3	0.0650	0.1135	0.1629	0.2128	0.2629	0.3132	0.3636	0.4142	0.4648	0.5154	0.5661	0.6168	0.6676	0.7184	0.7692	0.8200	0.8709	0.9218	22.6
29.1-31.0	32.4- 34.6	0.0743	0.1299	0.1866	0.2438	0.3014	0.3592	0.4172	0.4753	0.5334	0.5916	0.6499	0.7083	0.7666	0.8250	0.8835	0.9419	1.0004	1.0589	23.1
31.1-33.0	34.7- 36.9	0.0840	0.1472	0.2115	0.2766	0.3420	0.4078	0.4737	0.5398	0.6059	0.6722	0.7385	0.8049	0.8714	0.9378	1.0044	1.0709	1.1375	1.2041	23.6
33.1-35.0	37.1- 39.3	0.0943	0.1653	0.2377	0.3110	0.3847	0.4588	0.5332	0.6077	0.6823	0.7571	0.8319	0.9068	0.9818	1.0568	1.1318	1.2069	1.2821	1.3572	24.1
35.1-37.0	39.4- 41.6	0.1050	0.1843	0.2652	0.3470	0.4295	0.5124	0.5956	0.6790	0.7626	0.8462	0.9300	1.0139	1.0979	1.1819	1.2659	1.3500	1.4342	1.5183	24.5
37.1-39.0	41.7- 44.0	0.1162	0.2041	0.2939	0.3848	0.4764	0.5685	0.6610	0.7537	0.8466	0.9397	1.0329	1.1262	1.2196	1.3131	1.4066	1.5002	1.5938	1.6874	24.8
39.1-41.0	44.1- 46.4	0.1279	0.2248	0.3238	0.4241	0.5253	0.6271	0.7293	0.8318	0.9345	1.0374	1.1405	1.2437	1.3470	1.4503	1.5538	1.6573	1.7609	1.8645	25.1
41.1-43.0	46.5- 48.7	0.1401	0.2463	0.3550	0.4652	0.5763	0.6882	0.8005	0.9132	1.0262	1.1394	1.2528	1.3663	1.4799	1.5937	1.7075	1.8214	1.9354	2.0494	25.3
43.1-45.0	48.9- 51.1	0.1528	0.2688	0.3874	0.5078	0.6294	0.7517	0.8746	0.9980	1.1216	1.2456	1.3697	1.4940	1.6185	1.7430	1.8677	1.9925	2.1173	2.2422	25.6
45.1-47.0	51.3- 53.5	0.1660	0.2921	0.4211	0.5521	0.6845	0.8177	0.9516	1.0860	1.2208	1.3559	1.4913	1.6268	1.7625	1.8984	2.0343	2.1704	2.3065	2.4428	25.8
47.1-49.0	53.7- 56.0	0.1798	0.3163	0.4561	0.5981	0.7416	0.8861	1.0315	1.1774	1.3238	1.4705	1.6175	1.7647	1.9121	2.0596	2.2073	2.3552	2.5031	2.6511	25.9
49.1-51.0	56.1- 58.4	0.1941	0.3415	0.4923	0.6457	0.8007	0.9570	1.1142	1.2720	1.4304	1.5891	1.7482	1.9075	2.0671	2.2268	2.3867	2.5467	2.7069	2.8671	26.1
51.1-53.0	58.5- 60.8	0.2090	0.3675	0.5298	0.6949	0.8619	1.0303	1.1997	1.3699	1.5407	1.7119	1.8835	2.0554	2.2275	2.3999	2.5724	2.7451	2.9179	3.0908	26.2
53.1-55.0	61.0- 63.3	0.2245	0.3945	0.5686	0.7457	0.9251	1.1060	1.2881	1.4710	1.6546	1.8387	2.0233	2.2082	2.3933	2.5787	2.7644	2.9502	3.1361	3.3222	26.3
55.1-57.0	63.4- 65.7	0.2405	0.4224	0.6086	0.7982	0.9903	1.1841	1.3792	1.5753	1.7722	1.9696	2.1676	2.3659	2.5645	2.7634	2.9626	3.1619	3.3614	3.5611	26.4
57.1-59.0	65.9- 68.2	0.2572	0.4513	0.6500	0.8524	1.0575	1.2646	1.4732	1.6829	1.8934	2.1046	2.3163	2.5285	2.7410	2.9538	3.1669	3.3803	3.5938	3.8075	26.5
59.1-61.0	68.3- 70.7	0.2745	0.4811	0.6926	0.9082	1.1268	1.3475	1.5699	1.7936	2.0181	2.2435	2.4694	2.6959	2.9228	3.1500	3.3775	3.6052	3.8332	4.0614	26.6
61.1-63.0	70.8- 73.2	0.2924	0.5120	0.7366	0.9656	1.1980	1.4328	1.6694	1.9074	2.1465	2.3864	2.6270	2.8682	3.1098	3.3518	3.5942	3.8368	4.0796	4.3227	26.7
63.1-65.0	73.3- 75.7	0.3110	0.5438	0.7818	1.0247	1.2712	1.5205	1.7717	2.0244	2.2784	2.5333	2.7890	3.0452	3.3021	3.5593	3.8169	4.0748	4.3330	4.5915	26.7
65.1-67.0	75.9- 78.3	0.3303	0.5766	0.8285	1.0855	1.3465	1.6105	1.8767	2.1446	2.4139	2.6841	2.9553	3.2271	3.4995	3.7724	4.0457	4.3194	4.5933	4.8675	26.8
67.1-69.0	78.4- 80.8	0.3502	0.6105	0.8764	1.1479	1.4238	1.7029	1.9845	2.2679	2.5528	2.8389	3.1259	3.4137	3.7021	3.9911	4.2805	4.5703	4.8605	5.1509	26.8
69.1-71.0	80.9- 83.3	0.3709	0.6455	0.9258	1.2121	1.5031	1.7977	2.0950	2.3943	2.6953	2.9976	3.3009	3.6050	3.9099	4.2154	4.5213	4.8277	5.1345	5.4416	26.8
71.1-73.0	83.5- 85.9	0.3923	0.6815	0.9765	1.2779	1.5844	1.8949	2.2082	2.5239	2.8413	3.1602	3.4801	3.8011	4.1228	4.4451	4.7681	5.0915	5.4153	5.7395	26.9
73.1-75.0	86.0- 88.5	0.4145	0.7186	1.0286	1.3454	1.6678	1.9944	2.3242	2.6565	2.9908	3.3266	3.6637	4.0018	4.3407	4.6804	5.0207	5.3616	5.7029	6.0446	26.9
75.1-77.0	88.6- 91.0	0.4374	0.7569	1.0821	1.4147	1.7532	2.0963	2.4429	2.7923	3.1438	3.4969	3.8515	4.2072	4.5638	4.9212	5.2793	5.6380	5.9972	6.3568	26.9
77.1-79.0	91.2- 93.6	0.4612	0.7963	1.1371	1.4857	1.8407	2.2006	2.5644	2.9311	3.3002	3.6711	4.0435	4.4172	4.7919	5.1674	5.5438	5.9207	6.2982	6.6762	27.0
79.1-81.0	93.8- 96.2	0.4858	0.8368	1.1935	1.5584	1.9302	2.3073	2.6886	3.0731	3.4601	3.8491	4.2398	4.6318	5.0250	5.4191	5.8140	6.2096	6.6059	7.0026	27.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	14.3- 16.4	0.0014	0.0027	0.0038	0.0049	0.0060	0.0070	0.0081	0.0092	0.0103	0.0114	0.0125	0.0136	0.0147	0.0158	0.0169	0.0180	0.0191	0.0202	15.7
15.1-17.0	16.6- 18.7	0.0096	0.0169	0.0240	0.0312	0.0383	0.0455	0.0527	0.0598	0.0670	0.0742	0.0813	0.0885	0.0957	0.1029	0.1100	0.1172	0.1244	0.1316	17.1
17.1-19.0	18.8- 20.9	0.0186	0.0332	0.0482	0.0634	0.0788	0.0943	0.1099	0.1255	0.1411	0.1568	0.1725	0.1882	0.2039	0.2196	0.2353	0.2511	0.2668	0.2826	18.3
19.1-21.0	21.0- 23.2	0.0272	0.0483	0.0699	0.0918	0.1139	0.1360	0.1582	0.1805	0.2028	0.2251	0.2474	0.2698	0.2922	0.3145	0.3369	0.3593	0.3817	0.4041	19.4
21.1-23.0	23.3- 25.4	0.0357	0.0630	0.0910	0.1192	0.1476	0.1761	0.2047	0.2334	0.2621	0.2908	0.3195	0.3483	0.3771	0.4059	0.4347	0.4635	0.4923	0.5211	20.3
23.1-25.0	25.6- 27.7	0.0442	0.0779	0.1123	0.1470	0.1820	0.2170	0.2522	0.2874	0.3227	0.3580	0.3933	0.4286	0.4640	0.4994	0.5348	0.5702	0.6056	0.6411	21.2
25.1-27.0	27.8- 30.0	0.0530	0.0933	0.1344	0.1759	0.2177	0.2596	0.3016	0.3437	0.3859	0.4281	0.4703	0.5126	0.5548	0.5972	0.6395	0.6818	0.7242	0.7666	21.9
27.1-29.0	30.1- 32.3	0.0622	0.1094	0.1575	0.2061	0.2551	0.3042	0.3534	0.4028	0.4522	0.5017	0.5512	0.6008	0.6504	0.7000	0.7497	0.7994	0.8490	0.8987	22.6
29.1-31.0	32.4- 34.6	0.0717	0.1261	0.1817	0.2378	0.2943	0.3510	0.4079	0.4650	0.5221	0.5792	0.6365	0.6938	0.7511	0.8085	0.8658	0.9232	0.9807	1.0381	23.1
31.1-33.0	34.7- 36.9	0.0816	0.1437	0.2070	0.2710	0.3355	0.4002	0.4652	0.5303	0.5955	0.6608	0.7262	0.7916	0.8571	0.9226	0.9882	1.0538	1.1194	1.1850	23.6
33.1-35.0	37.1- 39.3	0.0920	0.1620	0.2335	0.3058	0.3786	0.4518	0.5253	0.5989	0.6726	0.7465	0.8205	0.8945	0.9686	1.0427	1.1169	1.1911	1.2653	1.3396	24.1
35.1-37.0	39.4- 41.6	0.1028	0.1811	0.2611	0.3421	0.4238	0.5058	0.5882	0.6708	0.7535	0.8364	0.9193	1.0024	1.0855	1.1687	1.2520	1.3352	1.4186	1.5019	24.5
37.1-39.0	41.7- 44.0	0.1141	0.2011	0.2900	0.3801	0.4710	0.5623	0.6540	0.7459	0.8381	0.9304	1.0228	1.1154	1.2080	1.3007	1.3935	1.4863	1.5791	1.6720	24.8
39.1-41.0	44.1- 46.4	0.1259	0.2219	0.3201	0.4197	0.5202	0.6212	0.7227	0.8244	0.9264	1.0286	1.1310	1.2334	1.3360	1.4387	1.5414	1.6442	1.7470	1.8499	25.1
41.1-43.0	46.5- 48.7	0.1382	0.2436	0.3515	0.4609	0.5714	0.6825	0.7942	0.9062	1.0185	1.1310	1.2437	1.3566	1.4695	1.5826	1.6957	1.8089	1.9222	2.0356	25.3
43.1-45.0	48.9- 51.1	0.1510	0.2661	0.3841	0.5038	0.6246	0.7463	0.8686	0.9913	1.1143	1.2376	1.3611	1.4847	1.6085	1.7324	1.8565	1.9806	2.1047	2.2290	25.6
45.1-47.0	51.3- 53.5	0.1643	0.2896	0.4179	0.5482	0.6799	0.8125	0.9458	1.0796	1.2138	1.3483	1.4830	1.6179	1.7530	1.8882	2.0236	2.1590	2.2945	2.4301	25.8
47.1-49.0	53.7- 56.0	0.1781	0.3139	0.4530	0.5943	0.7372	0.8811	1.0259	1.1712	1.3170	1.4631	1.6095	1.7561	1.9029	2.0499	2.1970	2.3442	2.4916	2.6390	25.9
49.1-51.0	56.1- 58.4	0.1925	0.3391	0.4893	0.6420	0.7965	0.9522	1.1088	1.2660	1.4238	1.5820	1.7405	1.8993	2.0583	2.2174	2.3768	2.5362	2.6958	2.8555	26.1
51.1-53.0	58.5- 60.8	0.2074	0.3652	0.5268	0.6913	0.8578	1.0256	1.1945	1.3641	1.5343	1.7050	1.8760	2.0474	2.2190	2.3908	2.5628	2.7349	2.9072	3.0796	26.2
53.1-55.0	61.0- 63.3	0.2229	0.3922	0.5657	0.7423	0.9211	1.1015	1.2830	1.4654	1.6485	1.8320	2.0161	2.2004	2.3851	2.5700	2.7551	2.9403	3.1257	3.3113	26.3
55.1-57.0	63.4- 65.7	0.2390	0.4202	0.6058	0.7949	0.9864	1.1797	1.3743	1.5699	1.7662	1.9631	2.1605	2.3584	2.5565	2.7549	2.9535	3.1524	3.3514	3.5505	26.4
57.1-59.0	65.9- 68.2	0.2557	0.4491	0.6472	0.8491	1.0537	1.2603	1.4683	1.6775	1.8875	2.0982	2.3095	2.5211	2.7332	2.9456	3.1582	3.3710	3.5841	3.7973	26.5
59.1-61.0	68.3- 70.7	0.2730	0.4790	0.6899	0.9049	1.1230	1.3433	1.5652	1.7883	2.0125	2.2373	2.4628	2.6888	2.9152	3.1419	3.3689	3.5962	3.8237	4.0514	26.6
61.1-63.0	70.8- 73.2	0.2910	0.5099	0.7339	0.9624	1.1943	1.4286	1.6648	1.9023	2.1409	2.3804	2.6205	2.8612	3.1024	3.3439	3.5858	3.8280	4.0704	4.3130	26.7
63.1-65.0	73.3- 75.7	0.3096	0.5417	0.7792	1.0216	1.2676	1.5164	1.7672	2.0195	2.2730	2.5274	2.7826	3.0385	3.2948	3.5516	3.8088	4.0663	4.3240	4.5820	26.7
65.1-67.0	75.9- 78.3	0.3289	0.5746	0.8259	1.0824	1.3430	1.6065	1.8723	2.1397	2.4085	2.6784	2.9491	3.2205	3.4924	3.7649	4.0378	4.3110	4.5845	4.8583	26.8
67.1-69.0	78.4- 80.8	0.3489	0.6085	0.8739	1.1449	1.4203	1.6990	1.9801	2.2631	2.5476	2.8332	3.1198	3.4072	3.6952	3.9837	4.2727	4.5621	4.8519	5.1419	26.8
69.1-71.0	80.9- 83.3	0.3696	0.6435	0.9233	1.2091	1.4997	1.7938	2.0907	2.3896	2.6902	2.9920	3.2949	3.5986	3.9031	4.2081	4.5137	4.8197	5.1260	5.4327	26.8
71.1-73.0	83.5- 85.9	0.3910	0.6796	0.9740	1.2750	1.5811	1.8911	2.2040	2.5192	2.8363	3.1547	3.4743	3.7948	4.1161	4.4381	4.7606	5.0836	5.4070	5.7308	26.9
73.1-75.0	86.0- 88.5	0.4132	0.7167	1.0262	1.3425	1.6645	1.9907	2.3201	2.6520	2.9858	3.3212	3.6579	3.9956	4.3342	4.6735	5.0134	5.3538	5.6947	6.0360	26.9
75.1-77.0	88.6- 91.0	0.4362	0.7550	1.0797	1.4118	1.7499	2.0926	2.4388	2.7878	3.1389	3.4916	3.8458	4.2011	4.5573	4.9144	5.2721	5.6304	5.9892	6.3484	26.9
77.1-79.0	91.2- 93.6	0.4599	0.7944	1.1347	1.4828	1.8374	2.1970	2.5603	2.9267	3.2954	3.6659	4.0379	4.4112	4.7855	5.1607	5.5366	5.9132	6.2903	6.6679	27.0
79.1-81.0	93.8- 96.2	0.4845	0.8350	1.1912	1.5556	1.9270	2.3037	2.6846	3.0687	3.4553	3.8440	4.2343	4.6259	5.0187	5.4125	5.8070	6.2023	6.5981	6.9945	27.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	16.6- 18.7	0.0017	0.0031	0.0043	0.0054	0.0065	0.0077	0.0088	0.0100	0.0111	0.0123	0.0135	0.0146	0.0158	0.0170	0.0182	0.0194	0.0206	0.0217	17.1
17.1-19.0	18.8- 20.9	0.0104	0.0179	0.0250	0.0321	0.0390	0.0458	0.0527	0.0594	0.0662	0.0729	0.0797	0.0864	0.0931	0.0998	0.1065	0.1132	0.1199	0.1266	18.3
19.1-21.0	21.0- 23.2	0.0202	0.0360	0.0522	0.0687	0.0854	0.1022	0.1192	0.1362	0.1532	0.1704	0.1875	0.2047	0.2219	0.2391	0.2563	0.2736	0.2909	0.3081	19.4
21.1-23.0	23.3- 25.4	0.0298	0.0532	0.0774	0.1021	0.1269	0.1519	0.1771	0.2023	0.2276	0.2529	0.2782	0.3036	0.3290	0.3544	0.3798	0.4052	0.4307	0.4561	20.3
23.1-25.0	25.6- 27.7	0.0392	0.0698	0.1014	0.1334	0.1656	0.1980	0.2305	0.2632	0.2958	0.3285	0.3613	0.3940	0.4268	0.4597	0.4925	0.5253	0.5582	0.5911	21.2
25.1-27.0	27.8- 30.0	0.0486	0.0864	0.1252	0.1644	0.2040	0.2437	0.2836	0.3236	0.3636	0.4037	0.4438	0.4840	0.5242	0.5644	0.6046	0.6448	0.6851	0.7254	21.9
27.1-29.0	30.1- 32.3	0.0582	0.1033	0.1494	0.1961	0.2432	0.2905	0.3379	0.3854	0.4330	0.4807	0.5284	0.5762	0.6240	0.6718	0.7197	0.7676	0.8155	0.8634	22.6
29.1-31.0	32.4- 34.6	0.0681	0.1206	0.1744	0.2289	0.2837	0.3388	0.3941	0.4496	0.5051	0.5607	0.6163	0.6720	0.7278	0.7836	0.8394	0.8952	0.9510	1.0069	23.1
31.1-33.0	34.7- 36.9	0.0783	0.1386	0.2004	0.2629	0.3259	0.3892	0.4527	0.5164	0.5802	0.6441	0.7080	0.7720	0.8361	0.9002	0.9644	1.0285	1.0927	1.1570	23.6
33.1-35.0	37.1- 39.3	0.0889	0.1573	0.2274	0.2983	0.3698	0.4417	0.5138	0.5862	0.6586	0.7312	0.8039	0.8766	0.9494	1.0222	1.0951	1.1681	1.2410	1.3140	24.1
35.1-37.0	39.4- 41.6	0.0999	0.1768	0.2555	0.3352	0.4156	0.4964	0.5776	0.6590	0.7405	0.8222	0.9040	0.9859	1.0678	1.1498	1.2319	1.3140	1.3961	1.4783	24.5
37.1-39.0	41.7- 44.0	0.1114	0.1970	0.2847	0.3736	0.4633	0.5535	0.6441	0.7349	0.8260	0.9172	1.0085	1.1000	1.1915	1.2831	1.3748	1.4665	1.5582	1.6500	24.8
39.1-41.0	44.1- 46.4	0.1233	0.2180	0.3151	0.4136	0.5129	0.6129	0.7133	0.8141	0.9150	1.0162	1.1175	1.2190	1.3205	1.4221	1.5238	1.6256	1.7274	1.8293	25.1
41.1-43.0	46.5- 48.7	0.1357	0.2399	0.3467	0.4551	0.5645	0.6747	0.7854	0.8964	1.0077	1.1193	1.2310	1.3429	1.4549	1.5670	1.6792	1.7914	1.9038	2.0161	25.3
43.1-45.0	48.9- 51.1	0.1486	0.2626	0.3795	0.4982	0.6181	0.7388	0.8602	0.9819	1.1041	1.2264	1.3490	1.4718	1.5946	1.7177	1.8408	1.9640	2.0872	2.2106	25.6
45.1-47.0	51.3- 53.5	0.1620	0.2861	0.4135	0.5429	0.6736	0.8054	0.9378	1.0707	1.2040	1.3376	1.4715	1.6055	1.7398	1.8741	2.0086	2.1432	2.2779	2.4126	25.8
47.1-49.0	53.7- 56.0	0.1759	0.3106	0.4487	0.5891	0.7312	0.8743	1.0182	1.1627	1.3076	1.4529	1.5985	1.7443	1.8903	2.0364	2.1827	2.3291	2.4756	2.6222	25.9
49.1-51.0	56.1- 58.4	0.1903	0.3359	0.4851	0.6370	0.7907	0.9456	1.1013	1.2578	1.4148	1.5722	1.7299	1.8879	2.0461	2.2045	2.3630	2.5217	2.6805	2.8394	26.1
51.1-53.0	58.5- 60.8	0.2053	0.3621	0.5228	0.6865	0.8521	1.0192	1.1873	1.3562	1.5256	1.6956	1.8658	2.0364	2.2073	2.3784	2.5496	2.7210	2.8925	3.0642	26.2
53.1-55.0	61.0- 63.3	0.2209	0.3892	0.5618	0.7376	0.9156	1.0953	1.2760	1.4577	1.6400	1.8229	2.0062	2.1899	2.3738	2.5580	2.7423	2.9269	3.1116	3.2964	26.3
55.1-57.0	63.4- 65.7	0.2370	0.4173	0.6020	0.7903	0.9811	1.1737	1.3675	1.5624	1.7581	1.9543	2.1510	2.3481	2.5456	2.7433	2.9412	3.1394	3.3377	3.5361	26.4
57.1-59.0	65.9- 68.2	0.2538	0.4462	0.6435	0.8446	1.0485	1.2544	1.4618	1.6703	1.8796	2.0897	2.3002	2.5112	2.7226	2.9343	3.1462	3.3584	3.5708	3.7833	26.5
59.1-61.0	68.3- 70.7	0.2711	0.4762	0.6863	0.9006	1.1180	1.3376	1.5588	1.7813	2.0048	2.2290	2.4538	2.6791	2.9049	3.1310	3.3574	3.5840	3.8109	4.0379	26.6
61.1-63.0	70.8- 73.2	0.2891	0.5071	0.7304	0.9582	1.1894	1.4231	1.6586	1.8955	2.1334	2.3723	2.6118	2.8518	3.0924	3.3333	3.5746	3.8161	4.0579	4.2999	26.7
63.1-65.0	73.3- 75.7	0.3078	0.5390	0.7758	1.0175	1.2628	1.5109	1.7611	2.0128	2.2656	2.5195	2.7741	3.0293	3.2851	3.5412	3.7978	4.0547	4.3118	4.5692	26.7
65.1-67.0	75.9- 78.3	0.3271	0.5720	0.8225	1.0784	1.3383	1.6012	1.8663	2.1332	2.4014	2.6706	2.9407	3.2115	3.4829	3.7548	4.0270	4.2997	4.5726	4.8458	26.8
67.1-69.0	78.4- 80.8	0.3471	0.6059	0.8706	1.1409	1.4157	1.6938	1.9743	2.2567	2.5406	2.8257	3.1117	3.3985	3.6859	3.9739	4.2623	4.5511	4.8403	5.1297	26.8
69.1-71.0	80.9- 83.3	0.3679	0.6410	0.9200	1.2052	1.4951	1.7887	2.0850	2.3833	2.6833	2.9846	3.2869	3.5901	3.8940	4.1985	4.5035	4.8089	5.1147	5.4208	26.8
71.1-73.0	83.5- 85.9	0.3893	0.6771	0.9708	1.2711	1.5766	1.8860	2.1984	2.5131	2.8295	3.1474	3.4664	3.7864	4.1072	4.4286	4.7506	5.0730	5.3959	5.7192	26.9
73.1-75.0	86.0- 88.5	0.4116	0.7143	1.0230	1.3387	1.6601	1.9857	2.3145	2.6459	2.9792	3.3141	3.6502	3.9874	4.3254	4.6642	5.0036	5.3435	5.6839	6.0246	26.9
75.1-77.0	88.6- 91.0	0.4346	0.7526	1.0766	1.4081	1.7456	2.0877	2.4334	2.7818	3.1324	3.4846	3.8382	4.1930	4.5487	4.9053	5.2625	5.6202	5.9785	6.3372	26.9
77.1-79.0	91.2- 93.6	0.4584	0.7920	1.1316	1.4791	1.8332	2.1922	2.5550	2.9208	3.2890	3.6590	4.0305	4.4033	4.7771	5.1518	5.5272	5.9032	6.2798	6.6569	27.0
79.1-81.0	93.8- 96.2	0.4830	0.8326	1.1881	1.5520	1.9228	2.2990	2.6793	3.0629	3.4490	3.8372	4.2270	4.6181	5.0104	5.4037	5.7977	6.1925	6.5878	6.9837	27.0

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: HARDWOOD
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	5.6- 7.7	0.0000	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0009	0.0010	0.0011	0.0012	0.0013	0.0015	0.0016	0.0017	0.0018	0.0019	6.3
7.1- 9.0	7.8- 9.9	0.0041	0.0071	0.0102	0.0134	0.0165	0.0196	0.0228	0.0260	0.0291	0.0323	0.0355	0.0386	0.0418	0.0450	0.0481	0.0513	0.0545	0.0577	8.1
9.1-11.0	10.0- 12.1	0.0080	0.0138	0.0197	0.0256	0.0315	0.0374	0.0434	0.0493	0.0553	0.0612	0.0672	0.0731	0.0791	0.0850	0.0910	0.0970	0.1029	0.1089	9.8
11.1-13.0	12.3- 14.4	0.0124	0.0213	0.0303	0.0394	0.0485	0.0577	0.0669	0.0760	0.0852	0.0944	0.1036	0.1128	0.1220	0.1312	0.1404	0.1497	0.1589	0.1681	11.5
13.1-15.0	14.5- 16.6	0.0172	0.0298	0.0425	0.0553	0.0682	0.0811	0.0941	0.1071	0.1200	0.1330	0.1460	0.1590	0.1720	0.1851	0.1981	0.2111	0.2242	0.2372	13.0
15.1-17.0	16.7- 18.9	0.0227	0.0393	0.0563	0.0734	0.0905	0.1078	0.1251	0.1424	0.1597	0.1770	0.1944	0.2118	0.2292	0.2466	0.2640	0.2814	0.2988	0.3162	14.5
17.1-19.0	19.0- 21.1	0.0286	0.0499	0.0715	0.0934	0.1153	0.1374	0.1596	0.1817	0.2040	0.2262	0.2485	0.2708	0.2931	0.3154	0.3377	0.3600	0.3824	0.4047	15.8
19.1-21.0	21.3- 23.4	0.0351	0.0613	0.0881	0.1152	0.1425	0.1699	0.1974	0.2249	0.2525	0.2802	0.3079	0.3356	0.3633	0.3911	0.4188	0.4466	0.4744	0.5022	17.0
21.1-23.0	23.5- 25.7	0.0420	0.0736	0.1059	0.1387	0.1717	0.2049	0.2382	0.2716	0.3050	0.3386	0.3721	0.4057	0.4394	0.4731	0.5067	0.5404	0.5742	0.6079	18.2
23.1-25.0	25.8- 28.0	0.0494	0.0867	0.1249	0.1637	0.2028	0.2422	0.2817	0.3214	0.3612	0.4010	0.4409	0.4808	0.5208	0.5608	0.6009	0.6410	0.6811	0.7212	19.2
25.1-27.0	28.1- 30.3	0.0571	0.1005	0.1449	0.1901	0.2357	0.2816	0.3277	0.3741	0.4205	0.4670	0.5137	0.5603	0.6071	0.6539	0.7007	0.7476	0.7944	0.8414	20.1
27.1-29.0	30.4- 32.6	0.0652	0.1149	0.1658	0.2177	0.2701	0.3229	0.3760	0.4293	0.4827	0.5363	0.5900	0.6438	0.6977	0.7516	0.8055	0.8596	0.9136	0.9677	21.0
29.1-31.0	32.7- 34.9	0.0737	0.1299	0.1876	0.2463	0.3058	0.3658	0.4261	0.4867	0.5475	0.6085	0.6696	0.7308	0.7921	0.8534	0.9149	0.9763	1.0379	1.0995	21.7
31.1-33.0	35.0- 37.2	0.0826	0.1455	0.2101	0.2760	0.3427	0.4101	0.4779	0.5461	0.6145	0.6831	0.7518	0.8208	0.8898	0.9589	1.0281	1.0973	1.1666	1.2360	22.4
33.1-35.0	37.4- 39.6	0.0918	0.1615	0.2332	0.3064	0.3806	0.4556	0.5311	0.6071	0.6833	0.7598	0.8365	0.9133	0.9903	1.0674	1.1446	1.2219	1.2993	1.3767	23.1
35.1-37.0	39.7- 41.9	0.1012	0.1780	0.2569	0.3376	0.4194	0.5022	0.5856	0.6694	0.7537	0.8383	0.9231	1.0081	1.0933	1.1786	1.2640	1.3495	1.4351	1.5208	23.7
37.1-39.0	42.0- 44.3	0.1110	0.1949	0.2811	0.3693	0.4589	0.5495	0.6410	0.7330	0.8254	0.9182	1.0113	1.1046	1.1982	1.2919	1.3857	1.4796	1.5737	1.6678	24.2
39.1-41.0	44.4- 46.6	0.1211	0.2122	0.3058	0.4015	0.4990	0.5976	0.6971	0.7973	0.8981	0.9993	1.1008	1.2026	1.3046	1.4068	1.5092	1.6117	1.7144	1.8171	24.7
41.1-43.0	46.8- 49.0	0.1314	0.2298	0.3308	0.4342	0.5395	0.6462	0.7539	0.8624	0.9715	1.0812	1.1912	1.3015	1.4122	1.5230	1.6341	1.7453	1.8566	1.9681	25.1
43.1-45.0	49.1- 51.4	0.1421	0.2477	0.3561	0.4671	0.5803	0.6951	0.8110	0.9279	1.0455	1.1636	1.2822	1.4012	1.5205	1.6401	1.7599	1.8798	2.0000	2.1203	25.5
45.1-47.0	51.5- 53.8	0.1530	0.2659	0.3816	0.5003	0.6214	0.7442	0.8684	0.9936	1.1196	1.2463	1.3736	1.5012	1.6293	1.7576	1.8862	2.0150	2.1440	2.2731	25.8
47.1-49.0	53.9- 56.2	0.1641	0.2844	0.4074	0.5336	0.6625	0.7934	0.9258	1.0594	1.1939	1.3291	1.4650	1.6013	1.7381	1.8752	2.0126	2.1503	2.2881	2.4262	26.2
49.1-51.0	56.3- 58.6	0.1756	0.3031	0.4333	0.5671	0.7037	0.8426	0.9831	1.1250	1.2680	1.4118	1.5562	1.7012	1.8467	1.9926	2.1388	2.2853	2.4321	2.5790	26.4
51.1-53.0	58.7- 61.0	0.1872	0.3220	0.4594	0.6005	0.7448	0.8916	1.0403	1.1904	1.3417	1.4940	1.6470	1.8007	1.9549	2.1095	2.2645	2.4198	2.5754	2.7313	26.7
53.1-55.0	61.1- 63.4	0.1992	0.3411	0.4855	0.6339	0.7858	0.9404	1.0971	1.2554	1.4150	1.5757	1.7372	1.8994	2.0622	2.2255	2.3892	2.5533	2.7177	2.8824	26.9
55.1-57.0	63.6- 65.9	0.2114	0.3604	0.5117	0.6673	0.8266	0.9888	1.1534	1.3198	1.4876	1.6566	1.8265	1.9972	2.1686	2.3405	2.5129	2.6856	2.8588	3.0322	27.1
57.1-59.0	66.0- 68.3	0.2238	0.3798	0.5379	0.7005	0.8671	1.0369	1.2092	1.3835	1.5594	1.7366	1.9148	2.0939	2.2737	2.4541	2.6350	2.8164	2.9982	3.1803	27.3
59.1-61.0	68.4- 70.8	0.2365	0.3994	0.5641	0.7335	0.9072	1.0844	1.2643	1.4464	1.6302	1.8155	2.0019	2.1892	2.3773	2.5661	2.7555	2.9454	3.1357	3.3264	27.5
61.1-63.0	70.9- 73.2	0.2494	0.4192	0.5903	0.7663	0.9470	1.1314	1.3187	1.5084	1.7000	1.8932	2.0876	2.2830	2.4793	2.6764	2.8741	3.0723	3.2710	3.4701	27.7
63.1-65.0	73.3- 75.7	0.2625	0.4390	0.6164	0.7989	0.9863	1.1777	1.3723	1.5694	1.7687	1.9695	2.1718	2.3752	2.5795	2.7847	2.9905	3.1970	3.4040	3.6114	27.8
65.1-67.0	75.8- 78.2	0.2759	0.4590	0.6424	0.8312	1.0251	1.2233	1.4250	1.6294	1.8360	2.0445	2.2544	2.4656	2.6778	2.8909	3.1047	3.3192	3.5342	3.7498	27.9
67.1-69.0	78.3- 80.7	0.2896	0.4791	0.6684	0.8631	1.0634	1.2682	1.4767	1.6882	1.9020	2.1178	2.3353	2.5540	2.7739	2.9947	3.2164	3.4387	3.6617	3.8852	28.0
69.1-71.0	80.8- 83.2	0.3034	0.4993	0.6942	0.8947	1.1011	1.3123	1.5274	1.7457	1.9666	2.1896	2.4143	2.6404	2.8678	3.0962	3.3255	3.5555	3.7862	4.0175	28.1
71.1-73.0	83.3- 85.7	0.3176	0.5196	0.7199	0.9260	1.1382	1.3555	1.5770	1.8020	2.0297	2.2596	2.4914	2.7247	2.9593	3.1951	3.4318	3.6693	3.9075	4.1464	28.2
73.1-75.0	85.8- 88.2	0.3319	0.5399	0.7454	0.9568	1.1746	1.3979	1.6256	1.8569	2.0911	2.3278	2.5664	2.8067	3.0484	3.2913	3.5352	3.7800	4.0255	4.2717	28.3
75.1-77.0	88.3- 90.7	0.3465	0.5604	0.7708	0.9873	1.2104	1.4394	1.6730	1.9104	2.1510	2.3941	2.6394	2.8864	3.1349	3.3847	3.6356	3.8874	4.1401	4.3935	28.4
77.1-79.0	90.8- 93.2	0.3613	0.5808	0.7960	1.0173	1.2456	1.4799	1.7192	1.9626	2.2092	2.4586	2.7102	2.9637	3.2188	3.4753	3.7330	3.9916	4.2512	4.5115	28.5
79.1-81.0	93.4- 95.8	0.3764	0.6014	0.8210	1.0469	1.2800	1.5195	1.7642	2.0132	2.2657	2.5211	2.7788	3.0386	3.3001	3.5630	3.8272	4.0924	4.3586	4.6256	28.5

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: HARDWOOD
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	7.8- 9.9	0.0000	0.0002	0.0003	0.0005	0.0007	0.0008	0.0010	0.0012	0.0014	0.0016	0.0017	0.0019	0.0021	0.0023	0.0025	0.0027	0.0028	0.0030	8.1
9.1-11.0	10.0- 12.1	0.0052	0.0093	0.0136	0.0180	0.0223	0.0268	0.0312	0.0357	0.0401	0.0446	0.0491	0.0536	0.0580	0.0625	0.0670	0.0715	0.0760	0.0805	9.8
11.1-13.0	12.3- 14.4	0.0105	0.0185	0.0267	0.0350	0.0433	0.0516	0.0600	0.0684	0.0768	0.0852	0.0936	0.1020	0.1104	0.1188	0.1272	0.1356	0.1440	0.1525	11.5
13.1-15.0	14.5- 16.6	0.0158	0.0277	0.0398	0.0521	0.0644	0.0767	0.0891	0.1015	0.1139	0.1263	0.1387	0.1511	0.1636	0.1760	0.1885	0.2009	0.2134	0.2258	13.0
15.1-17.0	16.7- 18.9	0.0215	0.0376	0.0541	0.0707	0.0874	0.1042	0.1210	0.1378	0.1547	0.1716	0.1885	0.2054	0.2223	0.2393	0.2562	0.2732	0.2901	0.3071	14.5
17.1-19.0	19.0- 21.1	0.0276	0.0484	0.0696	0.0910	0.1126	0.1343	0.1561	0.1779	0.1997	0.2216	0.2434	0.2653	0.2873	0.3092	0.3311	0.3531	0.3750	0.3970	15.8
19.1-21.0	21.3- 23.4	0.0341	0.0600	0.0864	0.1131	0.1401	0.1671	0.1943	0.2215	0.2488	0.2761	0.3034	0.3308	0.3582	0.3856	0.4130	0.4405	0.4679	0.4954	17.0
21.1-23.0	23.5- 25.7	0.0411	0.0724	0.1044	0.1368	0.1695	0.2024	0.2354	0.2685	0.3016	0.3349	0.3681	0.4015	0.4348	0.4682	0.5016	0.5350	0.5684	0.6018	18.2
23.1-25.0	25.8- 28.0	0.0485	0.0855	0.1235	0.1619	0.2008	0.2399	0.2792	0.3185	0.3580	0.3976	0.4372	0.4769	0.5166	0.5564	0.5962	0.6360	0.6758	0.7156	19.2
25.1-27.0	28.1- 30.3	0.0563	0.0994	0.1436	0.1884	0.2338	0.2795	0.3253	0.3714	0.4176	0.4639	0.5103	0.5567	0.6032	0.6497	0.6963	0.7429	0.7895	0.8362	20.1
27.1-29.0	30.4- 32.6	0.0645	0.1139	0.1645	0.2161	0.2683	0.3208	0.3737	0.4268	0.4800	0.5334	0.5868	0.6404	0.6940	0.7477	0.8014	0.8552	0.9090	0.9629	21.0
29.1-31.0	32.7- 34.9	0.0730	0.1289	0.1864	0.2449	0.3041	0.3638	0.4239	0.4843	0.5449	0.6057	0.6665	0.7275	0.7886	0.8498	0.9110	0.9722	1.0336	1.0949	21.7
31.1-33.0	35.0- 37.2	0.0819	0.1445	0.2089	0.2745	0.3411	0.4082	0.4758	0.5438	0.6120	0.6804	0.7490	0.8177	0.8865	0.9554	1.0244	1.0934	1.1625	1.2317	22.4
33.1-35.0	37.4- 39.6	0.0911	0.1606	0.2321	0.3050	0.3791	0.4538	0.5291	0.6049	0.6809	0.7572	0.8337	0.9104	0.9872	1.0641	1.1411	1.2182	1.2953	1.3726	23.1
35.1-37.0	39.7- 41.9	0.1006	0.1771	0.2558	0.3362	0.4179	0.5004	0.5836	0.6673	0.7514	0.8358	0.9204	1.0052	1.0902	1.1754	1.2606	1.3459	1.4314	1.5169	23.7
37.1-39.0	42.0- 44.3	0.1104	0.1940	0.2800	0.3680	0.4574	0.5479	0.6391	0.7309	0.8232	0.9158	1.0087	1.1019	1.1952	1.2887	1.3824	1.4762	1.5700	1.6640	24.2
39.1-41.0	44.4- 46.6	0.1205	0.2113	0.3047	0.4003	0.4975	0.5959	0.6953	0.7953	0.8959	0.9969	1.0983	1.1999	1.3017	1.4038	1.5060	1.6083	1.7108	1.8134	24.7
41.1-43.0	46.8- 49.0	0.1308	0.2289	0.3297	0.4329	0.5380	0.6445	0.7521	0.8604	0.9694	1.0789	1.1887	1.2989	1.4094	1.5201	1.6309	1.7420	1.8532	1.9645	25.1
43.1-45.0	49.1- 51.4	0.1415	0.2468	0.3550	0.4659	0.5789	0.6935	0.8092	0.9259	1.0434	1.1614	1.2798	1.3986	1.5178	1.6372	1.7568	1.8766	1.9966	2.1168	25.5
45.1-47.0	51.5- 53.8	0.1524	0.2651	0.3806	0.4991	0.6199	0.7426	0.8666	0.9917	1.1176	1.2441	1.3712	1.4987	1.6266	1.7547	1.8832	2.0118	2.1407	2.2697	25.8
47.1-49.0	53.9- 56.2	0.1636	0.2835	0.4063	0.5324	0.6611	0.7918	0.9241	1.0575	1.1919	1.3270	1.4627	1.5989	1.7355	1.8724	2.0097	2.1472	2.2849	2.4228	26.2
49.1-51.0	56.3- 58.6	0.1750	0.3022	0.4323	0.5659	0.7023	0.8410	0.9814	1.1232	1.2660	1.4096	1.5539	1.6988	1.8441	1.9899	2.1359	2.2823	2.4289	2.5757	26.4
51.1-53.0	58.7- 61.0	0.1867	0.3211	0.4583	0.5993	0.7435	0.8901	1.0386	1.1886	1.3398	1.4919	1.6447	1.7983	1.9523	2.1068	2.2616	2.4168	2.5723	2.7280	26.7
53.1-55.0	61.1- 63.4	0.1986	0.3403	0.4845	0.6327	0.7845	0.9389	1.0954	1.2536	1.4130	1.5736	1.7349	1.8970	2.0597	2.2228	2.3864	2.5504	2.7146	2.8792	26.9
55.1-57.0	63.6- 65.9	0.2108	0.3596	0.5107	0.6661	0.8252	0.9873	1.1517	1.3180	1.4856	1.6545	1.8243	1.9948	2.1660	2.3378	2.5101	2.6827	2.8557	3.0290	27.1
57.1-59.0	66.0- 68.3	0.2232	0.3790	0.5369	0.6993	0.8657	1.0354	1.2075	1.3817	1.5574	1.7345	1.9125	2.0915	2.2712	2.4514	2.6322	2.8135	2.9951	3.1771	27.3
59.1-61.0	68.4- 70.8	0.2359	0.3986	0.5631	0.7323	0.9059	1.0829	1.2627	1.4446	1.6283	1.8134	1.9996	2.1868	2.3748	2.5635	2.7527	2.9425	3.1327	3.3232	27.5
61.1-63.0	70.9- 73.2	0.2488	0.4184	0.5893	0.7651	0.9456	1.1298	1.3171	1.5066	1.6981	1.8911	2.0854	2.2807	2.4769	2.6738	2.8713	3.0694	3.2680	3.4670	27.7
63.1-65.0	73.3- 75.7	0.2620	0.4382	0.6154	0.7977	0.9849	1.1762	1.3706	1.5676	1.7667	1.9675	2.1696	2.3729	2.5771	2.7821	2.9878	3.1941	3.4010	3.6082	27.8
65.1-67.0	75.8- 78.2	0.2754	0.4582	0.6414	0.8300	1.0237	1.2218	1.4233	1.6276	1.8341	2.0424	2.2522	2.4632	2.6753	2.8883	3.1020	3.3163	3.5313	3.7467	27.9
67.1-69.0	78.3- 80.7	0.2890	0.4783	0.6674	0.8619	1.0620	1.2667	1.4750	1.6864	1.9001	2.1158	2.3331	2.5517	2.7714	2.9921	3.2137	3.4359	3.6587	3.8821	28.0
69.1-71.0	80.8- 83.2	0.3029	0.4985	0.6932	0.8935	1.0997	1.3107	1.5257	1.7439	1.9647	2.1875	2.4121	2.6381	2.8653	3.0936	3.3227	3.5526	3.7832	4.0144	28.1
71.1-73.0	83.3- 85.7	0.3170	0.5188	0.7189	0.9248	1.1368	1.3540	1.5754	1.8002	2.0277	2.2575	2.4891	2.7223	2.9568	3.1925	3.4290	3.6664	3.9045	4.1433	28.2
73.1-75.0	85.8- 88.2	0.3314	0.5391	0.7444	0.9556	1.1733	1.3964	1.6239	1.8551	2.0892	2.3257	2.5642	2.8044	3.0459	3.2887	3.5324	3.7771	4.0225	4.2686	28.3
75.1-77.0	88.3- 90.7	0.3460	0.5596	0.7698	0.9861	1.2091	1.4378	1.6713	1.9086	2.1491	2.3921	2.6372	2.8841	3.1324	3.3821	3.6329	3.8846	4.1371	4.3904	28.4
77.1-79.0	90.8- 93.2	0.3608	0.5801	0.7950	1.0161	1.2442	1.4784	1.7175	1.9607	2.2072	2.4565	2.7080	2.9614	3.2164	3.4727	3.7302	3.9888	4.2482	4.5083	28.5
79.1-81.0	93.4- 95.8	0.3759	0.6006	0.8200	1.0456	1.2786	1.5179	1.7625	2.0114	2.2637	2.5190	2.7766	3.0362	3.2976	3.5604	3.8244	4.0895	4.3556	4.6225	28.5

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: HARDWOOD
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	12.3- 14.4	0.0035	0.0057	0.0078	0.0097	0.0115	0.0133	0.0150	0.0168	0.0185	0.0202	0.0219	0.0236	0.0253	0.0270	0.0287	0.0304	0.0320	0.0337	11.5
13.1-15.0	14.5- 16.6	0.0105	0.0189	0.0277	0.0367	0.0458	0.0550	0.0643	0.0737	0.0830	0.0924	0.1018	0.1113	0.1207	0.1302	0.1397	0.1492	0.1586	0.1681	13.0
15.1-17.0	16.7- 18.9	0.0174	0.0312	0.0455	0.0601	0.0748	0.0897	0.1046	0.1195	0.1345	0.1494	0.1644	0.1795	0.1945	0.2096	0.2246	0.2397	0.2547	0.2698	14.5
17.1-19.0	19.0- 21.1	0.0242	0.0432	0.0628	0.0827	0.1028	0.1230	0.1433	0.1637	0.1841	0.2045	0.2249	0.2454	0.2658	0.2863	0.3068	0.3274	0.3479	0.3684	15.8
19.1-21.0	21.3- 23.4	0.0312	0.0556	0.0807	0.1061	0.1318	0.1577	0.1836	0.2097	0.2357	0.2619	0.2880	0.3142	0.3404	0.3667	0.3929	0.4192	0.4455	0.4717	17.0
21.1-23.0	23.5- 25.7	0.0385	0.0685	0.0993	0.1307	0.1623	0.1941	0.2261	0.2582	0.2903	0.3225	0.3548	0.3871	0.4194	0.4518	0.4841	0.5165	0.5489	0.5814	18.2
23.1-25.0	25.8- 28.0	0.0461	0.0820	0.1189	0.1564	0.1943	0.2325	0.2709	0.3093	0.3479	0.3866	0.4253	0.4641	0.5029	0.5418	0.5807	0.6196	0.6585	0.6975	19.2
25.1-27.0	28.1- 30.3	0.0541	0.0961	0.1393	0.1834	0.2279	0.2727	0.3178	0.3630	0.4084	0.4539	0.4994	0.5451	0.5908	0.6365	0.6823	0.7281	0.7739	0.8197	20.1
27.1-29.0	30.4- 32.6	0.0624	0.1108	0.1606	0.2114	0.2628	0.3146	0.3667	0.4190	0.4715	0.5241	0.5768	0.6297	0.6825	0.7355	0.7885	0.8415	0.8946	0.9477	21.0
29.1-31.0	32.7- 34.9	0.0711	0.1260	0.1826	0.2404	0.2989	0.3580	0.4174	0.4770	0.5369	0.5970	0.6572	0.7175	0.7779	0.8384	0.8989	0.9595	1.0201	1.0808	21.7
31.1-33.0	35.0- 37.2	0.0800	0.1417	0.2054	0.2703	0.3362	0.4027	0.4696	0.5369	0.6045	0.6722	0.7402	0.8082	0.8764	0.9447	1.0130	1.0815	1.1499	1.2185	22.4
33.1-35.0	37.4- 39.6	0.0893	0.1579	0.2287	0.3010	0.3744	0.4485	0.5232	0.5983	0.6738	0.7495	0.8254	0.9014	0.9776	1.0539	1.1304	1.2068	1.2834	1.3600	23.1
35.1-37.0	39.7- 41.9	0.0988	0.1745	0.2525	0.3323	0.4134	0.4953	0.5779	0.6611	0.7446	0.8284	0.9124	0.9967	1.0811	1.1657	1.2504	1.3351	1.4200	1.5049	23.7
37.1-39.0	42.0- 44.3	0.1087	0.1915	0.2769	0.3642	0.4530	0.5429	0.6336	0.7249	0.8166	0.9087	1.0011	1.0937	1.1865	1.2795	1.3726	1.4658	1.5592	1.6526	24.2
39.1-41.0	44.4- 46.6	0.1188	0.2089	0.3016	0.3966	0.4933	0.5912	0.6900	0.7895	0.8896	0.9900	1.0909	1.1920	1.2933	1.3948	1.4965	1.5984	1.7003	1.8024	24.7
41.1-43.0	46.8- 49.0	0.1292	0.2266	0.3267	0.4293	0.5339	0.6399	0.7469	0.8548	0.9632	1.0722	1.1816	1.2912	1.4012	1.5114	1.6218	1.7324	1.8431	1.9539	25.1
43.1-45.0	49.1- 51.4	0.1399	0.2445	0.3521	0.4624	0.5748	0.6889	0.8042	0.9204	1.0373	1.1549	1.2728	1.3912	1.5098	1.6288	1.7479	1.8673	1.9868	2.1065	25.5
45.1-47.0	51.5- 53.8	0.1509	0.2628	0.3777	0.4956	0.6160	0.7382	0.8617	0.9863	1.1117	1.2378	1.3644	1.4914	1.6189	1.7466	1.8745	2.0027	2.1311	2.2597	25.8
47.1-49.0	53.9- 56.2	0.1621	0.2813	0.4035	0.5290	0.6572	0.7875	0.9192	1.0522	1.1861	1.3207	1.4560	1.5917	1.7279	1.8644	2.0012	2.1383	2.2756	2.4131	26.2
49.1-51.0	56.3- 58.6	0.1736	0.3000	0.4295	0.5625	0.6985	0.8367	0.9767	1.1180	1.2603	1.4035	1.5474	1.6918	1.8367	1.9820	2.1277	2.2736	2.4198	2.5662	26.4
51.1-53.0	58.7- 61.0	0.1853	0.3190	0.4556	0.5960	0.7397	0.8858	1.0339	1.1835	1.3342	1.4859	1.6383	1.7914	1.9450	2.0991	2.2535	2.4083	2.5633	2.7186	26.7
53.1-55.0	61.1- 63.4	0.1972	0.3381	0.4818	0.6295	0.7807	0.9347	1.0908	1.2485	1.4075	1.5676	1.7286	1.8903	2.0525	2.2153	2.3785	2.5420	2.7059	2.8700	26.9
55.1-57.0	63.6- 65.9	0.2094	0.3575	0.5080	0.6629	0.8215	0.9832	1.1472	1.3130	1.4802	1.6486	1.8180	1.9882	2.1590	2.3304	2.5022	2.6744	2.8471	3.0200	27.1
57.1-59.0	66.0- 68.3	0.2219	0.3769	0.5342	0.6961	0.8621	1.0313	1.2030	1.3767	1.5521	1.7287	1.9064	2.0849	2.2642	2.4441	2.6245	2.8054	2.9866	3.1682	27.3
59.1-61.0	68.4- 70.8	0.2346	0.3966	0.5605	0.7292	0.9022	1.0788	1.2582	1.4397	1.6230	1.8077	1.9935	2.1803	2.3679	2.5562	2.7451	2.9344	3.1242	3.3144	27.5
61.1-63.0	70.9- 73.2	0.2475	0.4163	0.5867	0.7620	0.9420	1.1258	1.3126	1.5018	1.6928	1.8854	2.0793	2.2742	2.4700	2.6666	2.8638	3.0615	3.2597	3.4583	27.7
63.1-65.0	73.3- 75.7	0.2607	0.4362	0.6128	0.7946	0.9813	1.1721	1.3662	1.5628	1.7615	1.9618	2.1636	2.3665	2.5703	2.7749	2.9803	3.1862	3.3927	3.5996	27.8
65.1-67.0	75.8- 78.2	0.2741	0.4562	0.6388	0.8269	1.0201	1.2178	1.4189	1.6228	1.8289	2.0368	2.2462	2.4569	2.6686	2.8812	3.0945	3.3085	3.5231	3.7381	27.9
67.1-69.0	78.3- 80.7	0.2878	0.4763	0.6648	0.8588	1.0584	1.2627	1.4706	1.6816	1.8949	2.1102	2.3271	2.5454	2.7647	2.9851	3.2063	3.4281	3.6506	3.8736	28.0
69.1-71.0	80.8- 83.2	0.3017	0.4965	0.6906	0.8904	1.0961	1.3068	1.5213	1.7391	1.9595	2.1819	2.4061	2.6318	2.8587	3.0866	3.3154	3.5449	3.7751	4.0059	28.1
71.1-73.0	83.3- 85.7	0.3158	0.5168	0.7163	0.9217	1.1332	1.3500	1.5710	1.7954	2.0225	2.2520	2.4832	2.7161	2.9502	3.1855	3.4217	3.6587	3.8965	4.1349	28.2
73.1-75.0	85.8- 88.2	0.3302	0.5372	0.7418	0.9525	1.1697	1.3924	1.6195	1.8503	2.0840	2.3202	2.5583	2.7981	3.0393	3.2817	3.5251	3.7694	4.0145	4.2603	28.3
75.1-77.0	88.3- 90.7	0.3448	0.5576	0.7672	0.9830	1.2055	1.4339	1.6669	1.9039	2.1439	2.3865	2.6313	2.8778	3.1259	3.3752	3.6256	3.8769	4.1291	4.3820	28.4
77.1-79.0	90.8- 93.2	0.3597	0.5781	0.7924	1.0130	1.2406	1.4744	1.7131	1.9560	2.2021	2.4510	2.7021	2.9551	3.2098	3.4658	3.7229	3.9811	4.2402	4.5000	28.5
79.1-81.0	93.4- 95.8	0.3748	0.5987	0.8174	1.0426	1.2751	1.5140	1.7581	2.0066	2.2586	2.5135	2.7707	3.0300	3.2910	3.5535	3.8171	4.0819	4.3476	4.6142	28.5

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: HARDWOOD
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	12.3- 14.4	0.0008	0.0013	0.0017	0.0020	0.0023	0.0027	0.0031	0.0035	0.0038	0.0042	0.0046	0.0050	0.0054	0.0059	0.0063	0.0067	0.0071	0.0075	11.5
13.1-15.0	14.5- 16.6	0.0077	0.0134	0.0191	0.0248	0.0306	0.0364	0.0422	0.0481	0.0539	0.0598	0.0657	0.0716	0.0775	0.0834	0.0893	0.0953	0.1012	0.1071	13.0
15.1-17.0	16.7- 18.9	0.0151	0.0272	0.0399	0.0529	0.0661	0.0794	0.0928	0.1063	0.1198	0.1334	0.1470	0.1606	0.1742	0.1879	0.2015	0.2152	0.2288	0.2425	14.5
17.1-19.0	19.0- 21.1	0.0224	0.0402	0.0587	0.0776	0.0967	0.1160	0.1353	0.1547	0.1742	0.1937	0.2132	0.2327	0.2523	0.2718	0.2914	0.3110	0.3306	0.3502	15.8
19.1-21.0	21.3- 23.4	0.0297	0.0531	0.0774	0.1021	0.1270	0.1522	0.1774	0.2027	0.2281	0.2535	0.2789	0.3044	0.3299	0.3555	0.3810	0.4066	0.4321	0.4577	17.0
21.1-23.0	23.5- 25.7	0.0372	0.0664	0.0966	0.1273	0.1583	0.1895	0.2209	0.2524	0.2839	0.3156	0.3472	0.3789	0.4107	0.4425	0.4743	0.5061	0.5379	0.5698	18.2
23.1-25.0	25.8- 28.0	0.0449	0.0801	0.1165	0.1534	0.1908	0.2285	0.2663	0.3043	0.3424	0.3805	0.4188	0.4570	0.4954	0.5337	0.5721	0.6105	0.6490	0.6874	19.2
25.1-27.0	28.1- 30.3	0.0530	0.0944	0.1371	0.1807	0.2247	0.2691	0.3137	0.3585	0.4034	0.4485	0.4936	0.5388	0.5840	0.6293	0.6746	0.7200	0.7654	0.8108	20.1
27.1-29.0	30.4- 32.6	0.0614	0.1092	0.1586	0.2089	0.2599	0.3113	0.3630	0.4149	0.4670	0.5192	0.5715	0.6239	0.6764	0.7290	0.7816	0.8342	0.8869	0.9396	21.0
29.1-31.0	32.7- 34.9	0.0701	0.1245	0.1808	0.2381	0.2962	0.3549	0.4139	0.4732	0.5328	0.5925	0.6523	0.7123	0.7723	0.8324	0.8926	0.9528	1.0131	1.0734	21.7
31.1-33.0	35.0- 37.2	0.0791	0.1404	0.2036	0.2681	0.3336	0.3998	0.4664	0.5333	0.6006	0.6680	0.7356	0.8033	0.8712	0.9391	1.0071	1.0752	1.1434	1.2115	22.4
33.1-35.0	37.4- 39.6	0.0884	0.1566	0.2270	0.2989	0.3720	0.4458	0.5202	0.5950	0.6701	0.7455	0.8211	0.8968	0.9727	1.0487	1.1248	1.2010	1.2772	1.3535	23.1
35.1-37.0	39.7- 41.9	0.0980	0.1733	0.2509	0.3303	0.4111	0.4927	0.5750	0.6579	0.7411	0.8246	0.9084	0.9923	1.0764	1.1607	1.2451	1.3296	1.4141	1.4988	23.7
37.1-39.0	42.0- 44.3	0.1079	0.1903	0.2753	0.3623	0.4508	0.5404	0.6308	0.7218	0.8132	0.9051	0.9971	1.0895	1.1820	1.2747	1.3676	1.4605	1.5536	1.6467	24.2
39.1-41.0	44.4- 46.6	0.1181	0.2077	0.3001	0.3948	0.4911	0.5888	0.6873	0.7866	0.8863	0.9866	1.0871	1.1880	1.2890	1.3903	1.4917	1.5933	1.6950	1.7968	24.7
41.1-43.0	46.8- 49.0	0.1285	0.2254	0.3252	0.4276	0.5318	0.6376	0.7443	0.8519	0.9601	1.0688	1.1779	1.2874	1.3971	1.5070	1.6172	1.7275	1.8379	1.9485	25.1
43.1-45.0	49.1- 51.4	0.1392	0.2434	0.3506	0.4607	0.5729	0.6867	0.8017	0.9177	1.0343	1.1516	1.2693	1.3874	1.5059	1.6245	1.7435	1.8626	1.9818	2.1013	25.5
45.1-47.0	51.5- 53.8	0.1502	0.2617	0.3763	0.4940	0.6140	0.7360	0.8593	0.9836	1.1088	1.2346	1.3610	1.4878	1.6150	1.7425	1.8702	1.9982	2.1263	2.2546	25.8
47.1-49.0	53.9- 56.2	0.1614	0.2803	0.4021	0.5274	0.6553	0.7853	0.9168	1.0496	1.1832	1.3177	1.4527	1.5882	1.7241	1.8604	1.9970	2.1339	2.2709	2.4082	26.2
49.1-51.0	56.3- 58.6	0.1729	0.2990	0.4282	0.5609	0.6966	0.8346	0.9743	1.1154	1.2575	1.4005	1.5441	1.6884	1.8330	1.9781	2.1236	2.2693	2.4152	2.5614	26.4
51.1-53.0	58.7- 61.0	0.1846	0.3180	0.4543	0.5944	0.7379	0.8838	1.0316	1.1809	1.3314	1.4829	1.6351	1.7880	1.9414	2.0953	2.2495	2.4040	2.5589	2.7139	26.7
53.1-55.0	61.1- 63.4	0.1966	0.3372	0.4805	0.6279	0.7789	0.9326	1.0885	1.2460	1.4048	1.5647	1.7255	1.8869	2.0490	2.2115	2.3745	2.5378	2.7015	2.8654	26.9
55.1-57.0	63.6- 65.9	0.2088	0.3565	0.5067	0.6613	0.8198	0.9812	1.1449	1.3105	1.4776	1.6458	1.8149	1.9849	2.1555	2.3267	2.4983	2.6704	2.8428	3.0155	27.1
57.1-59.0	66.0- 68.3	0.2213	0.3760	0.5330	0.6946	0.8603	1.0293	1.2008	1.3743	1.5495	1.7259	1.9033	2.0817	2.2608	2.4405	2.6207	2.8013	2.9824	3.1638	27.3
59.1-61.0	68.4- 70.8	0.2340	0.3956	0.5592	0.7277	0.9005	1.0768	1.2560	1.4373	1.6204	1.8049	1.9905	2.1771	2.3646	2.5527	2.7413	2.9305	3.1201	3.3101	27.5
61.1-63.0	70.9- 73.2	0.2470	0.4154	0.5854	0.7605	0.9403	1.1238	1.3104	1.4994	1.6903	1.8827	2.0764	2.2711	2.4667	2.6630	2.8600	3.0576	3.2556	3.4540	27.7
63.1-65.0	73.3- 75.7	0.2601	0.4353	0.6116	0.7931	0.9796	1.1702	1.3640	1.5605	1.7589	1.9591	2.1607	2.3633	2.5670	2.7715	2.9766	3.1824	3.3887	3.5954	27.8
65.1-67.0	75.8- 78.2	0.2736	0.4553	0.6376	0.8254	1.0184	1.2159	1.4168	1.6204	1.8264	2.0341	2.2433	2.4538	2.6653	2.8777	3.0909	3.3047	3.5191	3.7339	27.9
67.1-69.0	78.3- 80.7	0.2872	0.4754	0.6636	0.8574	1.0567	1.2608	1.4685	1.6793	1.8924	2.1075	2.3242	2.5423	2.7615	2.9817	3.2027	3.4243	3.6466	3.8695	28.0
69.1-71.0	80.8- 83.2	0.3012	0.4957	0.6894	0.8890	1.0945	1.3049	1.5192	1.7368	1.9570	2.1793	2.4033	2.6288	2.8555	3.0832	3.3118	3.5412	3.7712	4.0018	28.1
71.1-73.0	83.3- 85.7	0.3153	0.5159	0.7151	0.9203	1.1316	1.3481	1.5689	1.7931	2.0201	2.2493	2.4804	2.7131	2.9470	3.1821	3.4181	3.6550	3.8926	4.1308	28.2
73.1-75.0	85.8- 88.2	0.3297	0.5363	0.7407	0.9511	1.1680	1.3905	1.6175	1.8480	2.0816	2.3175	2.5555	2.7951	3.0361	3.2784	3.5216	3.7658	4.0107	4.2562	28.3
75.1-77.0	88.3- 90.7	0.3443	0.5568	0.7661	0.9816	1.2039	1.4320	1.6649	1.9016	2.1415	2.3839	2.6285	2.8748	3.1227	3.3718	3.6221	3.8733	4.1253	4.3780	28.4
77.1-79.0	90.8- 93.2	0.3592	0.5773	0.7913	1.0116	1.2390	1.4725	1.7111	1.9537	2.1997	2.4484	2.6993	2.9522	3.2066	3.4625	3.7195	3.9775	4.2364	4.4961	28.5
79.1-81.0	93.4- 95.8	0.3743	0.5979	0.8163	1.0412	1.2734	1.5121	1.7561	2.0043	2.2561	2.5108	2.7679	3.0271	3.2879	3.5501	3.8137	4.0783	4.3438	4.6102	28.5

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: HARDWOOD
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	14.5- 16.6	0.0017	0.0025	0.0030	0.0035	0.0039	0.0044	0.0049	0.0054	0.0059	0.0064	0.0070	0.0075	0.0081	0.0086	0.0092	0.0097	0.0103	0.0108	13.0
15.1-17.0	16.7- 18.9	0.0092	0.0157	0.0220	0.0282	0.0342	0.0403	0.0462	0.0522	0.0581	0.0640	0.0699	0.0758	0.0817	0.0876	0.0934	0.0993	0.1051	0.1110	14.5
17.1-19.0	19.0- 21.1	0.0174	0.0313	0.0457	0.0606	0.0758	0.0913	0.1069	0.1226	0.1384	0.1543	0.1703	0.1862	0.2022	0.2183	0.2343	0.2504	0.2665	0.2826	15.8
19.1-21.0	21.3- 23.4	0.0255	0.0460	0.0675	0.0895	0.1120	0.1346	0.1574	0.1803	0.2034	0.2264	0.2495	0.2727	0.2959	0.3191	0.3423	0.3656	0.3889	0.4121	17.0
21.1-23.0	23.5- 25.7	0.0336	0.0605	0.0885	0.1172	0.1463	0.1756	0.2051	0.2348	0.2646	0.2944	0.3243	0.3542	0.3842	0.4142	0.4442	0.4742	0.5043	0.5344	18.2
23.1-25.0	25.8- 28.0	0.0418	0.0750	0.1095	0.1449	0.1807	0.2168	0.2531	0.2896	0.3262	0.3628	0.3996	0.4364	0.4732	0.5101	0.5471	0.5840	0.6210	0.6580	19.2
25.1-27.0	28.1- 30.3	0.0501	0.0898	0.1310	0.1731	0.2158	0.2588	0.3021	0.3456	0.3893	0.4331	0.4769	0.5208	0.5648	0.6088	0.6529	0.6970	0.7411	0.7853	20.1
27.1-29.0	30.4- 32.6	0.0588	0.1050	0.1530	0.2021	0.2518	0.3021	0.3526	0.4034	0.4543	0.5054	0.5566	0.6079	0.6593	0.7107	0.7622	0.8137	0.8653	0.9169	21.0
29.1-31.0	32.7- 34.9	0.0677	0.1207	0.1756	0.2318	0.2889	0.3465	0.4044	0.4627	0.5212	0.5799	0.6387	0.6977	0.7567	0.8158	0.8750	0.9342	0.9935	1.0528	21.7
31.1-33.0	35.0- 37.2	0.0768	0.1367	0.1988	0.2623	0.3268	0.3920	0.4576	0.5236	0.5899	0.6564	0.7231	0.7899	0.8568	0.9238	0.9909	1.0581	1.1253	1.1926	22.4
33.1-35.0	37.4- 39.6	0.0863	0.1532	0.2225	0.2934	0.3655	0.4384	0.5119	0.5859	0.6601	0.7346	0.8094	0.8842	0.9593	1.0344	1.1097	1.1850	1.2604	1.3359	23.1
35.1-37.0	39.7- 41.9	0.0960	0.1700	0.2466	0.3251	0.4050	0.4858	0.5673	0.6493	0.7317	0.8144	0.8973	0.9805	1.0638	1.1473	1.2309	1.3145	1.3983	1.4822	23.7
37.1-39.0	42.0- 44.3	0.1059	0.1872	0.2712	0.3574	0.4450	0.5338	0.6234	0.7136	0.8043	0.8953	0.9867	1.0783	1.1700	1.2620	1.3541	1.4463	1.5386	1.6310	24.2
39.1-41.0	44.4- 46.6	0.1162	0.2047	0.2961	0.3900	0.4856	0.5824	0.6802	0.7787	0.8778	0.9773	1.0771	1.1772	1.2776	1.3781	1.4789	1.5797	1.6807	1.7818	24.7
41.1-43.0	46.8- 49.0	0.1267	0.2225	0.3214	0.4229	0.5265	0.6314	0.7375	0.8444	0.9519	1.0599	1.1683	1.2771	1.3861	1.4954	1.6048	1.7145	1.8242	1.9341	25.1
43.1-45.0	49.1- 51.4	0.1375	0.2406	0.3470	0.4562	0.5676	0.6807	0.7951	0.9104	1.0264	1.1430	1.2601	1.3775	1.4953	1.6133	1.7316	1.8501	1.9687	2.0875	25.5
45.1-47.0	51.5- 53.8	0.1485	0.2590	0.3727	0.4896	0.6090	0.7302	0.8528	0.9765	1.1011	1.2263	1.3520	1.4782	1.6048	1.7316	1.8587	1.9861	2.1136	2.2413	25.8
47.1-49.0	53.9- 56.2	0.1598	0.2776	0.3987	0.5232	0.6504	0.7797	0.9106	1.0427	1.1757	1.3095	1.4440	1.5789	1.7142	1.8499	1.9859	2.1221	2.2586	2.3952	26.2
49.1-51.0	56.3- 58.6	0.1713	0.2964	0.4247	0.5568	0.6918	0.8291	0.9682	1.1087	1.2502	1.3926	1.5356	1.6793	1.8234	1.9679	2.1127	2.2579	2.4032	2.5488	26.4
51.1-53.0	58.7- 61.0	0.1831	0.3155	0.4509	0.5904	0.7331	0.8784	1.0256	1.1744	1.3243	1.4752	1.6268	1.7791	1.9320	2.0853	2.2389	2.3929	2.5472	2.7017	26.7
53.1-55.0	61.1- 63.4	0.1951	0.3347	0.4772	0.6239	0.7743	0.9274	1.0826	1.2396	1.3978	1.5572	1.7173	1.8783	2.0398	2.2018	2.3642	2.5270	2.6901	2.8535	26.9
55.1-57.0	63.6- 65.9	0.2073	0.3541	0.5035	0.6574	0.8152	0.9760	1.1392	1.3042	1.4707	1.6383	1.8070	1.9764	2.1465	2.3171	2.4882	2.6597	2.8316	3.0038	27.1
57.1-59.0	66.0- 68.3	0.2198	0.3736	0.5298	0.6907	0.8558	1.0242	1.1951	1.3681	1.5427	1.7186	1.8955	2.0733	2.2519	2.4310	2.6107	2.7909	2.9714	3.1523	27.3
59.1-61.0	68.4- 70.8	0.2326	0.3933	0.5561	0.7238	0.8960	1.0718	1.2504	1.4312	1.6137	1.7977	1.9828	2.1689	2.3558	2.5434	2.7316	2.9202	3.1093	3.2988	27.5
61.1-63.0	70.9- 73.2	0.2456	0.4131	0.5823	0.7567	0.9359	1.1189	1.3049	1.4933	1.6837	1.8756	2.0687	2.2630	2.4581	2.6539	2.8504	3.0475	3.2450	3.4429	27.7
63.1-65.0	73.3- 75.7	0.2588	0.4330	0.6085	0.7894	0.9753	1.1653	1.3586	1.5545	1.7524	1.9521	2.1531	2.3553	2.5585	2.7625	2.9671	3.1724	3.3782	3.5844	27.8
65.1-67.0	75.8- 78.2	0.2722	0.4531	0.6346	0.8217	1.0141	1.2110	1.4113	1.6145	1.8199	2.0271	2.2359	2.4459	2.6569	2.8688	3.0815	3.2948	3.5087	3.7231	27.9
67.1-69.0	78.3- 80.7	0.2859	0.4732	0.6606	0.8537	1.0525	1.2559	1.4631	1.6734	1.8860	2.1006	2.3169	2.5345	2.7532	2.9729	3.1934	3.4146	3.6364	3.8588	28.0
69.1-71.0	80.8- 83.2	0.2999	0.4935	0.6865	0.8854	1.0902	1.3001	1.5139	1.7310	1.9507	2.1724	2.3960	2.6210	2.8472	3.0745	3.3026	3.5315	3.7611	3.9913	28.1
71.1-73.0	83.3- 85.7	0.3140	0.5138	0.7122	0.9166	1.1274	1.3434	1.5636	1.7873	2.0138	2.2425	2.4731	2.7053	2.9388	3.1735	3.4090	3.6454	3.8826	4.1203	28.2
73.1-75.0	85.8- 88.2	0.3284	0.5342	0.7378	0.9475	1.1639	1.3858	1.6122	1.8423	2.0753	2.3108	2.5483	2.7874	3.0280	3.2698	3.5126	3.7563	4.0007	4.2459	28.3
75.1-77.0	88.3- 90.7	0.3431	0.5547	0.7632	0.9780	1.1997	1.4273	1.6596	1.8958	2.1352	2.3772	2.6213	2.8672	3.1146	3.3633	3.6131	3.8638	4.1154	4.3677	28.4
77.1-79.0	90.8- 93.2	0.3580	0.5752	0.7884	1.0081	1.2349	1.4678	1.7059	1.9480	2.1935	2.4417	2.6922	2.9446	3.1986	3.4540	3.7105	3.9681	4.2266	4.4858	28.5
79.1-81.0	93.4- 95.8	0.3731	0.5958	0.8135	1.0376	1.2693	1.5074	1.7509	1.9986	2.2500	2.5042	2.7608	3.0195	3.2799	3.5417	3.8048	4.0690	4.3341	4.6000	28.5

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

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

SPECIES: HARDWOOD
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	16.7- 18.9	0.0029	0.0041	0.0048	0.0054	0.0060	0.0066	0.0072	0.0079	0.0085	0.0092	0.0099	0.0105	0.0112	0.0119	0.0126	0.0133	0.0140	0.0148	
17.1-19.0	19.0- 21.1	0.0110	0.0185	0.0254	0.0319	0.0382	0.0444	0.0505	0.0565	0.0624	0.0683	0.0741	0.0799	0.0856	0.0914	0.0971	0.1028	0.1085	0.1142	14.5
19.1-21.0	21.3- 23.4	0.0199	0.0352	0.0511	0.0675	0.0842	0.1012	0.1184	0.1358	0.1534	0.1711	0.1888	0.2066	0.2245	0.2424	0.2604	0.2784	0.2965	0.3145	15.8
																				17.0
21.1-23.0	23.5- 25.7	0.0287	0.0516	0.0756	0.1004	0.1258	0.1515	0.1776	0.2038	0.2301	0.2566	0.2831	0.3097	0.3363	0.3630	0.3898	0.4165	0.4433	0.4701	
23.1-25.0	25.8- 28.0	0.0375	0.0674	0.0989	0.1313	0.1643	0.1977	0.2314	0.2653	0.2994	0.3335	0.3678	0.4021	0.4364	0.4709	0.5053	0.5398	0.5743	0.6088	18.2
25.1-27.0	28.1- 30.3	0.0463	0.0832	0.1219	0.1616	0.2020	0.2429	0.2840	0.3254	0.3670	0.4087	0.4505	0.4924	0.5344	0.5764	0.6184	0.6605	0.7026	0.7448	19.2
27.1-29.0	30.4- 32.6	0.0553	0.0991	0.1449	0.1920	0.2398	0.2881	0.3368	0.3858	0.4350	0.4843	0.5338	0.5833	0.6330	0.6827	0.7324	0.7822	0.8321	0.8820	20.1
29.1-31.0	32.7- 34.9	0.0644	0.1153	0.1683	0.2227	0.2780	0.3340	0.3904	0.4471	0.5040	0.5611	0.6184	0.6758	0.7333	0.7909	0.8485	0.9062	0.9640	1.0218	21.0
																				21.7
31.1-33.0	35.0- 37.2	0.0738	0.1318	0.1920	0.2539	0.3169	0.3806	0.4448	0.5094	0.5742	0.6393	0.7046	0.7700	0.8356	0.9012	0.9669	1.0327	1.0986	1.1645	
33.1-35.0	37.4- 39.6	0.0834	0.1485	0.2162	0.2856	0.3563	0.4279	0.5001	0.5727	0.6456	0.7189	0.7923	0.8660	0.9397	1.0136	1.0876	1.1617	1.2358	1.3101	22.4
35.1-37.0	39.7- 41.9	0.0933	0.1656	0.2407	0.3178	0.3964	0.4759	0.5562	0.6369	0.7182	0.7997	0.8815	0.9634	1.0456	1.1279	1.2103	1.2929	1.3755	1.4582	23.1
37.1-39.0	42.0- 44.3	0.1034	0.1830	0.2656	0.3504	0.4369	0.5245	0.6129	0.7020	0.7916	0.8815	0.9717	1.0622	1.1529	1.2438	1.3348	1.4259	1.5172	1.6085	23.7
39.1-41.0	44.4- 46.6	0.1138	0.2007	0.2908	0.3834	0.4778	0.5735	0.6702	0.7677	0.8657	0.9641	1.0630	1.1620	1.2614	1.3609	1.4606	1.5605	1.6605	1.7605	24.2
																				24.7
41.1-43.0	46.8- 49.0	0.1244	0.2187	0.3163	0.4166	0.5190	0.6229	0.7280	0.8338	0.9403	1.0474	1.1548	1.2626	1.3707	1.4790	1.5875	1.6961	1.8050	1.9139	
43.1-45.0	49.1- 51.4	0.1352	0.2370	0.3420	0.4501	0.5605	0.6726	0.7859	0.9002	1.0153	1.1310	1.2471	1.3636	1.4805	1.5976	1.7150	1.8325	1.9502	2.0681	25.1
45.1-47.0	51.5- 53.8	0.1463	0.2554	0.3679	0.4837	0.6020	0.7223	0.8440	0.9668	1.0904	1.2147	1.3395	1.4648	1.5905	1.7165	1.8427	1.9692	2.0959	2.2227	25.5
47.1-49.0	53.9- 56.2	0.1577	0.2742	0.3940	0.5174	0.6437	0.7720	0.9020	1.0332	1.1654	1.2983	1.4319	1.5660	1.7005	1.8353	1.9704	2.1058	2.2415	2.3773	25.8
49.1-51.0	56.3- 58.6	0.1693	0.2931	0.4202	0.5512	0.6853	0.8217	0.9599	1.0995	1.2402	1.3817	1.5239	1.6667	1.8100	1.9537	2.0978	2.2421	2.3867	2.5315	26.2
																				26.4
51.1-53.0	58.7- 61.0	0.1811	0.3122	0.4465	0.5849	0.7267	0.8711	1.0175	1.1654	1.3145	1.4646	1.6154	1.7670	1.9190	2.0715	2.2244	2.3776	2.5311	2.6848	
53.1-55.0	61.1- 63.4	0.1932	0.3315	0.4729	0.6186	0.7680	0.9203	1.0747	1.2308	1.3883	1.5468	1.7062	1.8664	2.0271	2.1883	2.3500	2.5120	2.6744	2.8370	26.7
55.1-57.0	63.6- 65.9	0.2055	0.3509	0.4992	0.6522	0.8090	0.9690	1.1314	1.2956	1.4613	1.6282	1.7961	1.9647	2.1341	2.3040	2.4744	2.6451	2.8163	2.9877	26.9
57.1-59.0	66.0- 68.3	0.2180	0.3705	0.5256	0.6856	0.8498	1.0173	1.1875	1.3597	1.5335	1.7086	1.8848	2.0619	2.2397	2.4182	2.5972	2.7766	2.9564	3.1366	27.1
59.1-61.0	68.4- 70.8	0.2308	0.3903	0.5520	0.7188	0.8901	1.0651	1.2428	1.4229	1.6047	1.7879	1.9723	2.1577	2.3439	2.5308	2.7182	2.9062	3.0946	3.2834	27.3
																				27.5
61.1-63.0	70.9- 73.2	0.2438	0.4102	0.5783	0.7518	0.9300	1.1122	1.2975	1.4851	1.6748	1.8659	2.0584	2.2519	2.4464	2.6415	2.8373	3.0337	3.2305	3.4278	
63.1-65.0	73.3- 75.7	0.2571	0.4301	0.6045	0.7845	0.9695	1.1587	1.3512	1.5464	1.7436	1.9426	2.1430	2.3445	2.5469	2.7502	2.9542	3.1589	3.3640	3.5696	27.7
65.1-67.0	75.8- 78.2	0.2706	0.4502	0.6307	0.8168	1.0084	1.2045	1.4041	1.6065	1.8112	2.0178	2.2258	2.4352	2.6455	2.8568	3.0688	3.2815	3.4947	3.7085	27.8
67.1-69.0	78.3- 80.7	0.2843	0.4704	0.6567	0.8489	1.0468	1.2495	1.4560	1.6655	1.8774	2.0914	2.3069	2.5239	2.7419	2.9610	3.1808	3.4014	3.6226	3.8444	27.9
69.1-71.0	80.8- 83.2	0.2983	0.4907	0.6827	0.8806	1.0846	1.2937	1.5068	1.7232	1.9422	2.1633	2.3862	2.6105	2.8361	3.0627	3.2902	3.5185	3.7474	3.9770	28.0
																				28.1
71.1-73.0	83.3- 85.7	0.3125	0.5111	0.7084	0.9120	1.1218	1.3371	1.5566	1.7796	2.0054	2.2335	2.4634	2.6950	2.9278	3.1618	3.3968	3.6326	3.8691	4.1062	
73.1-75.0	85.8- 88.2	0.3269	0.5315	0.7340	0.9429	1.1584	1.3795	1.6052	1.8346	2.0670	2.3018	2.5386	2.7772	3.0171	3.2582	3.5004	3.7435	3.9874	4.2319	28.2
75.1-77.0	88.3- 90.7	0.3416	0.5520	0.7595	0.9734	1.1943	1.4211	1.6527	1.8882	2.1270	2.3683	2.6117	2.8570	3.1038	3.3519	3.6011	3.8512	4.1022	4.3539	28.3
77.1-79.0	90.8- 93.2	0.3565	0.5726	0.7848	1.0035	1.2294	1.4617	1.6990	1.9404	2.1852	2.4328	2.6827	2.9345	3.1879	3.4426	3.6986	3.9556	4.2134	4.4721	28.4
79.1-81.0	93.4- 95.8	0.3717	0.5932	0.8098	1.0331	1.2639	1.5013	1.7440	1.9911	2.2418	2.4954	2.7514	3.0094	3.2692	3.5304	3.7929	4.0565	4.3210	4.5864	28.5

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

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

SPECIES: HARDWOOD
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	5.6- 7.6	0.0012	0.0022	0.0032	0.0042	0.0052	0.0062	0.0072	0.0082	0.0092	0.0103	0.0113	0.0123	0.0133	0.0143	0.0153	0.0163	0.0173	0.0184	8.9
7.1- 9.0	7.8- 9.8	0.0058	0.0095	0.0133	0.0171	0.0208	0.0246	0.0284	0.0322	0.0361	0.0399	0.0437	0.0475	0.0513	0.0551	0.0589	0.0628	0.0666	0.0704	11.1
9.1-11.0	10.0- 12.1	0.0099	0.0163	0.0227	0.0291	0.0355	0.0420	0.0484	0.0548	0.0613	0.0678	0.0742	0.0807	0.0871	0.0936	0.1001	0.1065	0.1130	0.1195	13.1
11.1-13.0	12.2- 14.3	0.0146	0.0240	0.0334	0.0429	0.0523	0.0618	0.0713	0.0808	0.0903	0.0998	0.1093	0.1188	0.1283	0.1379	0.1474	0.1569	0.1664	0.1760	14.9
13.1-15.0	14.4- 16.5	0.0199	0.0327	0.0456	0.0586	0.0715	0.0845	0.0975	0.1105	0.1235	0.1366	0.1496	0.1626	0.1757	0.1887	0.2018	0.2148	0.2279	0.2409	16.4
15.1-17.0	16.7- 18.8	0.0258	0.0425	0.0594	0.0763	0.0932	0.1102	0.1272	0.1442	0.1612	0.1782	0.1952	0.2122	0.2293	0.2463	0.2634	0.2804	0.2975	0.3145	17.7
17.1-19.0	18.9- 21.1	0.0323	0.0534	0.0747	0.0960	0.1174	0.1388	0.1602	0.1817	0.2031	0.2246	0.2461	0.2676	0.2891	0.3106	0.3321	0.3537	0.3752	0.3967	18.9
19.1-21.0	21.2- 23.4	0.0393	0.0653	0.0915	0.1177	0.1440	0.1703	0.1966	0.2230	0.2494	0.2758	0.3022	0.3286	0.3551	0.3815	0.4080	0.4344	0.4609	0.4874	19.9
21.1-23.0	23.5- 25.7	0.0469	0.0782	0.1097	0.1412	0.1729	0.2046	0.2363	0.2680	0.2998	0.3316	0.3634	0.3952	0.4271	0.4589	0.4908	0.5227	0.5546	0.5865	20.7
23.1-25.0	25.8- 28.0	0.0551	0.0921	0.1293	0.1667	0.2041	0.2416	0.2792	0.3167	0.3543	0.3920	0.4296	0.4673	0.5050	0.5427	0.5805	0.6182	0.6560	0.6937	21.5
25.1-27.0	28.1- 30.4	0.0638	0.1069	0.1503	0.1939	0.2376	0.2814	0.3252	0.3690	0.4129	0.4569	0.5008	0.5448	0.5888	0.6328	0.6768	0.7209	0.7650	0.8090	22.1
27.1-29.0	30.5- 32.7	0.0729	0.1226	0.1727	0.2229	0.2733	0.3237	0.3743	0.4248	0.4754	0.5261	0.5768	0.6275	0.6782	0.7290	0.7798	0.8306	0.8814	0.9322	22.7
29.1-31.0	32.8- 35.1	0.0826	0.1392	0.1963	0.2536	0.3111	0.3687	0.4263	0.4840	0.5418	0.5996	0.6575	0.7154	0.7733	0.8312	0.8892	0.9472	1.0052	1.0632	23.1
31.1-33.0	35.2- 37.5	0.0927	0.1567	0.2212	0.2860	0.3510	0.4161	0.4813	0.5466	0.6120	0.6774	0.7428	0.8083	0.8738	0.9393	1.0049	1.0705	1.1361	1.2018	23.5
33.1-35.0	37.6- 39.9	0.1032	0.1749	0.2473	0.3200	0.3929	0.4660	0.5392	0.6125	0.6858	0.7592	0.8326	0.9061	0.9797	1.0532	1.1268	1.2004	1.2741	1.3478	23.9
35.1-37.0	40.0- 42.3	0.1142	0.1940	0.2746	0.3556	0.4369	0.5183	0.5999	0.6815	0.7632	0.8450	0.9269	1.0088	1.0908	1.1728	1.2548	1.3368	1.4189	1.5011	24.2
37.1-39.0	42.4- 44.7	0.1256	0.2139	0.3031	0.3928	0.4828	0.5729	0.6632	0.7537	0.8442	0.9348	1.0255	1.1162	1.2070	1.2978	1.3887	1.4796	1.5705	1.6615	24.4
39.1-41.0	44.8- 47.1	0.1374	0.2346	0.3327	0.4315	0.5305	0.6298	0.7293	0.8289	0.9286	1.0284	1.1283	1.2282	1.3282	1.4283	1.5284	1.6285	1.7287	1.8289	24.7
41.1-43.0	47.3- 49.6	0.1496	0.2560	0.3635	0.4716	0.5801	0.6889	0.7979	0.9071	1.0164	1.1258	1.2352	1.3448	1.4544	1.5641	1.6738	1.7836	1.8934	2.0032	24.8
43.1-45.0	49.7- 52.1	0.1622	0.2781	0.3953	0.5132	0.6315	0.7502	0.8691	0.9882	1.1075	1.2268	1.3462	1.4658	1.5854	1.7051	1.8248	1.9446	2.0644	2.1843	25.0
45.1-47.0	52.2- 54.6	0.1752	0.3009	0.4281	0.5562	0.6847	0.8136	0.9428	1.0722	1.2017	1.3314	1.4612	1.5911	1.7211	1.8511	1.9812	2.1114	2.2416	2.3719	25.1
47.1-49.0	54.7- 57.1	0.1886	0.3244	0.4620	0.6005	0.7396	0.8791	1.0189	1.1590	1.2992	1.4396	1.5800	1.7207	1.8613	2.0021	2.1430	2.2839	2.4249	2.5659	25.3
49.1-51.0	57.2- 59.6	0.2023	0.3486	0.4968	0.6462	0.7962	0.9466	1.0974	1.2484	1.3997	1.5511	1.7027	1.8544	2.0061	2.1580	2.3100	2.4620	2.6141	2.7662	25.4
51.1-53.0	59.7- 62.1	0.2164	0.3734	0.5327	0.6931	0.8543	1.0161	1.1782	1.3406	1.5032	1.6660	1.8290	1.9921	2.1553	2.3187	2.4821	2.6456	2.8091	2.9728	25.4
53.1-55.0	62.2- 64.7	0.2308	0.3989	0.5695	0.7414	0.9141	1.0875	1.2612	1.4353	1.6097	1.7842	1.9589	2.1338	2.3088	2.4840	2.6592	2.8345	3.0099	3.1853	25.5
55.1-57.0	64.8- 67.2	0.2455	0.4251	0.6072	0.7909	0.9755	1.1607	1.3465	1.5326	1.7190	1.9056	2.0924	2.2794	2.4666	2.6538	2.8412	3.0286	3.2162	3.4038	25.6
57.1-59.0	67.3- 69.8	0.2606	0.4518	0.6458	0.8415	1.0383	1.2358	1.4339	1.6323	1.8311	2.0301	2.2294	2.4288	2.6284	2.8281	3.0280	3.2279	3.4280	3.6281	25.6
59.1-61.0	69.9- 72.4	0.2761	0.4791	0.6854	0.8934	1.1027	1.3127	1.5234	1.7345	1.9460	2.1577	2.3697	2.5819	2.7943	3.0068	3.2194	3.4322	3.6451	3.8580	25.7
61.1-63.0	72.5- 75.0	0.2918	0.5071	0.7257	0.9464	1.1684	1.3914	1.6149	1.8390	2.0635	2.2883	2.5133	2.7386	2.9641	3.1897	3.4155	3.6414	3.8674	4.0935	25.7
63.1-65.0	75.1- 77.6	0.3079	0.5356	0.7670	1.0006	1.2356	1.4717	1.7085	1.9459	2.1836	2.4218	2.6602	2.8989	3.1377	3.3768	3.6160	3.8554	4.0948	4.3344	25.8
65.1-67.0	77.8- 80.3	0.3244	0.5647	0.8090	1.0558	1.3042	1.5537	1.8040	2.0550	2.3063	2.5581	2.8102	3.0626	3.3152	3.5679	3.8209	4.0740	4.3273	4.5806	25.8
67.1-69.0	80.4- 82.9	0.3411	0.5943	0.8519	1.1122	1.3742	1.6374	1.9015	2.1662	2.4315	2.6973	2.9633	3.2297	3.4963	3.7631	4.0301	4.2972	4.5646	4.8320	25.8
69.1-71.0	83.0- 85.6	0.3581	0.6245	0.8956	1.1695	1.4454	1.7226	2.0008	2.2797	2.5592	2.8391	3.1194	3.4001	3.6810	3.9621	4.2434	4.5250	4.8066	5.0885	25.8
71.1-73.0	85.7- 88.3	0.3755	0.6553	0.9400	1.2280	1.5180	1.8094	2.1019	2.3952	2.6892	2.9836	3.2785	3.5737	3.8692	4.1649	4.4609	4.7571	5.0534	5.3499	25.9
73.1-75.0	88.4- 91.0	0.3932	0.6866	0.9853	1.2874	1.5917	1.8977	2.2048	2.5128	2.8215	3.1307	3.4404	3.7504	4.0608	4.3715	4.6823	4.9934	5.3047	5.6162	25.9
75.1-77.0	91.1- 93.7	0.4111	0.7184	1.0312	1.3478	1.6668	1.9875	2.3095	2.6324	2.9561	3.2804	3.6051	3.9303	4.2558	4.5816	4.9077	5.2340	5.5605	5.8872	25.9
77.1-79.0	93.8- 96.4	0.4294	0.7507	1.0780	1.4091	1.7430	2.0787	2.4158	2.7540	3.0929	3.4325	3.7726	4.1131	4.4541	4.7953	5.1368	5.4786	5.8206	6.1628	25.9
79.1-81.0	96.5- 99.1	0.4480	0.7836	1.1254	1.4715	1.8204	2.1714	2.5238	2.8774	3.2319	3.5870	3.9427	4.2989	4.6555	5.0125	5.3697	5.7272	6.0850	6.4429	25.9

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

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

SPECIES: HARDWOOD
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	7.8- 9.8	0.0011	0.0021	0.0031	0.0042	0.0052	0.0063	0.0073	0.0084	0.0094	0.0105	0.0115	0.0126	0.0137	0.0147	0.0158	0.0169	0.0179	0.0190	11.1
9.1-11.0	10.0- 12.1	0.0074	0.0126	0.0177	0.0229	0.0281	0.0333	0.0385	0.0438	0.0490	0.0542	0.0595	0.0647	0.0699	0.0752	0.0804	0.0857	0.0909	0.0962	13.1
11.1-13.0	12.2- 14.3	0.0129	0.0215	0.0302	0.0388	0.0475	0.0562	0.0649	0.0736	0.0824	0.0911	0.0998	0.1085	0.1173	0.1260	0.1348	0.1435	0.1523	0.1610	14.9
13.1-15.0	14.4- 16.5	0.0186	0.0308	0.0431	0.0555	0.0679	0.0803	0.0927	0.1051	0.1175	0.1299	0.1423	0.1548	0.1672	0.1797	0.1921	0.2046	0.2171	0.2295	16.4
15.1-17.0	16.7- 18.8	0.0247	0.0410	0.0573	0.0738	0.0902	0.1067	0.1232	0.1397	0.1562	0.1727	0.1892	0.2058	0.2223	0.2389	0.2554	0.2720	0.2886	0.3051	17.7
17.1-19.0	18.9- 21.1	0.0313	0.0521	0.0729	0.0938	0.1148	0.1358	0.1568	0.1778	0.1988	0.2199	0.2409	0.2620	0.2831	0.3042	0.3253	0.3464	0.3675	0.3886	18.9
19.1-21.0	21.2- 23.4	0.0385	0.0641	0.0899	0.1157	0.1416	0.1676	0.1936	0.2195	0.2456	0.2716	0.2976	0.3237	0.3498	0.3759	0.4019	0.4280	0.4542	0.4803	19.9
21.1-23.0	23.5- 25.7	0.0462	0.0771	0.1082	0.1395	0.1708	0.2021	0.2335	0.2649	0.2964	0.3278	0.3593	0.3908	0.4223	0.4538	0.4854	0.5169	0.5485	0.5800	20.7
23.1-25.0	25.8- 28.0	0.0544	0.0911	0.1280	0.1650	0.2022	0.2394	0.2766	0.3139	0.3512	0.3885	0.4259	0.4633	0.5007	0.5381	0.5755	0.6129	0.6504	0.6878	21.5
25.1-27.0	28.1- 30.4	0.0631	0.1059	0.1491	0.1924	0.2358	0.2793	0.3228	0.3664	0.4100	0.4537	0.4973	0.5410	0.5848	0.6285	0.6722	0.7160	0.7598	0.8036	22.1
27.1-29.0	30.5- 32.7	0.0723	0.1217	0.1715	0.2215	0.2716	0.3218	0.3721	0.4224	0.4727	0.5231	0.5736	0.6240	0.6745	0.7250	0.7755	0.8260	0.8766	0.9272	22.7
29.1-31.0	32.8- 35.1	0.0820	0.1383	0.1952	0.2523	0.3095	0.3669	0.4243	0.4817	0.5393	0.5968	0.6544	0.7121	0.7698	0.8274	0.8852	0.9429	1.0006	1.0584	23.1
31.1-33.0	35.2- 37.5	0.0921	0.1558	0.2202	0.2847	0.3495	0.4144	0.4794	0.5444	0.6096	0.6747	0.7399	0.8052	0.8705	0.9358	1.0011	1.0665	1.1318	1.1972	23.5
33.1-35.0	37.6- 39.9	0.1027	0.1742	0.2463	0.3188	0.3915	0.4644	0.5373	0.6104	0.6835	0.7567	0.8299	0.9032	0.9765	1.0498	1.1232	1.1966	1.2700	1.3435	23.9
35.1-37.0	40.0- 42.3	0.1137	0.1933	0.2737	0.3545	0.4355	0.5167	0.5981	0.6795	0.7610	0.8426	0.9243	1.0060	1.0877	1.1695	1.2513	1.3332	1.4150	1.4969	24.2
37.1-39.0	42.4- 44.7	0.1251	0.2132	0.3022	0.3917	0.4815	0.5714	0.6615	0.7518	0.8421	0.9325	1.0230	1.1135	1.2041	1.2947	1.3854	1.4761	1.5668	1.6576	24.4
39.1-41.0	44.8- 47.1	0.1369	0.2339	0.3319	0.4304	0.5293	0.6284	0.7277	0.8271	0.9266	1.0262	1.1259	1.2256	1.3254	1.4253	1.5252	1.6251	1.7251	1.8251	24.7
41.1-43.0	47.3- 49.6	0.1491	0.2553	0.3626	0.4706	0.5789	0.6875	0.7964	0.9053	1.0144	1.1236	1.2329	1.3423	1.4517	1.5612	1.6707	1.7803	1.8899	1.9996	24.8
43.1-45.0	49.7- 52.1	0.1618	0.2774	0.3944	0.5122	0.6304	0.7489	0.8676	0.9865	1.1056	1.2247	1.3440	1.4633	1.5828	1.7023	1.8218	1.9414	2.0610	2.1807	25.0
45.1-47.0	52.2- 54.6	0.1747	0.3003	0.4273	0.5552	0.6836	0.8123	0.9413	1.0705	1.1999	1.3294	1.4590	1.5887	1.7185	1.8484	1.9783	2.1083	2.2383	2.3684	25.1
47.1-49.0	54.7- 57.1	0.1881	0.3238	0.4612	0.5995	0.7385	0.8778	1.0175	1.1573	1.2974	1.4376	1.5779	1.7184	1.8589	1.9995	2.1402	2.2809	2.4217	2.5626	25.3
49.1-51.0	57.2- 59.6	0.2018	0.3480	0.4961	0.6452	0.7951	0.9453	1.0960	1.2469	1.3980	1.5492	1.7006	1.8521	2.0037	2.1554	2.3072	2.4591	2.6110	2.7630	25.4
51.1-53.0	59.7- 62.1	0.2159	0.3728	0.5319	0.6922	0.8533	1.0148	1.1768	1.3390	1.5015	1.6642	1.8270	1.9899	2.1530	2.3161	2.4794	2.6427	2.8061	2.9696	25.4
53.1-55.0	62.2- 64.7	0.2303	0.3983	0.5687	0.7405	0.9131	1.0863	1.2599	1.4338	1.6080	1.7824	1.9570	2.1317	2.3065	2.4815	2.6566	2.8317	3.0069	3.1822	25.5
55.1-57.0	64.8- 67.2	0.2451	0.4245	0.6065	0.7900	0.9744	1.1595	1.3451	1.5311	1.7173	1.9038	2.0905	2.2773	2.4643	2.6514	2.8386	3.0259	3.2133	3.4008	25.6
57.1-59.0	67.3- 69.8	0.2602	0.4512	0.6451	0.8407	1.0373	1.2347	1.4326	1.6309	1.8295	2.0284	2.2275	2.4268	2.6262	2.8258	3.0254	3.2252	3.4251	3.6251	25.6
59.1-61.0	69.9- 72.4	0.2757	0.4786	0.6846	0.8926	1.1017	1.3116	1.5221	1.7331	1.9444	2.1560	2.3678	2.5799	2.7921	3.0045	3.2169	3.4296	3.6423	3.8551	25.7
61.1-63.0	72.5- 75.0	0.2914	0.5065	0.7250	0.9456	1.1675	1.3902	1.6137	1.8376	2.0619	2.2866	2.5115	2.7366	2.9619	3.1874	3.4130	3.6388	3.8646	4.0906	25.7
63.1-65.0	75.1- 77.6	0.3075	0.5350	0.7663	0.9997	1.2347	1.4706	1.7073	1.9445	2.1821	2.4201	2.6584	2.8969	3.1356	3.3745	3.6136	3.8528	4.0921	4.3315	25.8
65.1-67.0	77.8- 80.3	0.3239	0.5641	0.8083	1.0550	1.3033	1.5526	1.8028	2.0536	2.3048	2.5565	2.8084	3.0606	3.3131	3.5657	3.8185	4.0715	4.3246	4.5778	25.8
67.1-69.0	80.4- 82.9	0.3407	0.5938	0.8512	1.1113	1.3732	1.6363	1.9003	2.1649	2.4301	2.6956	2.9615	3.2278	3.4942	3.7609	4.0277	4.2948	4.5619	4.8292	25.8
69.1-71.0	83.0- 85.6	0.3577	0.6240	0.8949	1.1687	1.4445	1.7215	1.9996	2.2784	2.5577	2.8375	3.1177	3.3982	3.6789	3.9599	4.2411	4.5225	4.8040	5.0857	25.8
71.1-73.0	85.7- 88.3	0.3751	0.6547	0.9394	1.2272	1.5170	1.8083	2.1007	2.3939	2.6877	2.9820	3.2767	3.5718	3.8672	4.1628	4.4586	4.7546	5.0508	5.3472	25.9
73.1-75.0	88.4- 91.0	0.3927	0.6860	0.9846	1.2866	1.5908	1.8967	2.2036	2.5115	2.8201	3.1291	3.4387	3.7486	4.0588	4.3693	4.6801	4.9910	5.3021	5.6134	25.9
75.1-77.0	91.1- 93.7	0.4107	0.7178	1.0306	1.3470	1.6659	1.9865	2.3083	2.6311	2.9547	3.2788	3.6034	3.9285	4.2538	4.5795	4.9054	5.2316	5.5579	5.8845	25.9
77.1-79.0	93.8- 96.4	0.4290	0.7502	1.0773	1.4084	1.7421	2.0777	2.4147	2.7527	3.0915	3.4309	3.7709	4.1113	4.4521	4.7932	5.1346	5.4762	5.8181	6.1601	25.9
79.1-81.0	96.5- 99.1	0.4476	0.7830	1.1247	1.4707	1.8195	2.1704	2.5227	2.8761	3.2304	3.5855	3.9411	4.2971	4.6536	5.0104	5.3675	5.7249	6.0825	6.4403	25.9

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: HARDWOOD
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- 14.3	0.0044	0.0078	0.0113	0.0148	0.0182	0.0217	0.0252	0.0287	0.0322	0.0357	0.0392	0.0426	0.0461	0.0496	0.0532	0.0567	0.0602	0.0637	14.9
13.1-15.0	14.4- 16.5	0.0130	0.0223	0.0318	0.0413	0.0509	0.0605	0.0701	0.0797	0.0893	0.0989	0.1085	0.1181	0.1278	0.1374	0.1471	0.1567	0.1664	0.1760	16.4
15.1-17.0	16.7- 18.8	0.0206	0.0349	0.0493	0.0637	0.0782	0.0928	0.1073	0.1219	0.1364	0.1510	0.1656	0.1802	0.1948	0.2094	0.2240	0.2386	0.2533	0.2679	17.7
17.1-19.0	18.9- 21.1	0.0280	0.0472	0.0665	0.0859	0.1053	0.1248	0.1442	0.1637	0.1833	0.2028	0.2223	0.2419	0.2614	0.2810	0.3006	0.3201	0.3397	0.3593	18.9
19.1-21.0	21.2- 23.4	0.0356	0.0600	0.0845	0.1090	0.1337	0.1583	0.1830	0.2078	0.2325	0.2573	0.2820	0.3068	0.3316	0.3564	0.3812	0.4060	0.4309	0.4557	19.9
21.1-23.0	23.5- 25.7	0.0437	0.0735	0.1035	0.1336	0.1638	0.1941	0.2244	0.2547	0.2850	0.3154	0.3457	0.3761	0.4065	0.4369	0.4674	0.4978	0.5282	0.5587	20.7
23.1-25.0	25.8- 28.0	0.0521	0.0878	0.1237	0.1598	0.1960	0.2322	0.2685	0.3048	0.3411	0.3774	0.4138	0.4502	0.4866	0.5230	0.5595	0.5959	0.6324	0.6688	21.5
25.1-27.0	28.1- 30.4	0.0610	0.1030	0.1452	0.1876	0.2302	0.2728	0.3154	0.3581	0.4008	0.4436	0.4864	0.5292	0.5720	0.6149	0.6577	0.7006	0.7435	0.7864	22.1
27.1-29.0	30.5- 32.7	0.0704	0.1189	0.1679	0.2171	0.2664	0.3158	0.3653	0.4148	0.4643	0.5139	0.5635	0.6131	0.6628	0.7125	0.7622	0.8119	0.8616	0.9114	22.7
29.1-31.0	32.8- 35.1	0.0801	0.1358	0.1919	0.2482	0.3047	0.3613	0.4179	0.4747	0.5314	0.5883	0.6451	0.7020	0.7589	0.8158	0.8728	0.9298	0.9868	1.0438	23.1
31.1-33.0	35.2- 37.5	0.0904	0.1534	0.2170	0.2809	0.3450	0.4092	0.4735	0.5378	0.6022	0.6667	0.7312	0.7957	0.8603	0.9249	0.9895	1.0542	1.1188	1.1835	23.5
33.1-35.0	37.6- 39.9	0.1010	0.1719	0.2434	0.3152	0.3873	0.4594	0.5318	0.6041	0.6766	0.7491	0.8217	0.8943	0.9669	1.0396	1.1123	1.1850	1.2578	1.3306	23.9
35.1-37.0	40.0- 42.3	0.1121	0.1911	0.2709	0.3510	0.4315	0.5121	0.5928	0.6736	0.7545	0.8355	0.9165	0.9976	1.0787	1.1598	1.2410	1.3222	1.4035	1.4847	24.2
37.1-39.0	42.4- 44.7	0.1236	0.2111	0.2995	0.3884	0.4776	0.5670	0.6565	0.7461	0.8359	0.9257	1.0156	1.1055	1.1955	1.2855	1.3756	1.4657	1.5558	1.6459	24.4
39.1-41.0	44.8- 47.1	0.1355	0.2318	0.3293	0.4272	0.5256	0.6241	0.7228	0.8217	0.9206	1.0197	1.1188	1.2180	1.3172	1.4165	1.5158	1.6152	1.7146	1.8141	24.7
41.1-43.0	47.3- 49.6	0.1477	0.2533	0.3601	0.4675	0.5753	0.6834	0.7917	0.9002	1.0087	1.1174	1.2261	1.3349	1.4438	1.5528	1.6617	1.7708	1.8798	1.9890	24.8
43.1-45.0	49.7- 52.1	0.1604	0.2755	0.3920	0.5092	0.6269	0.7449	0.8631	0.9815	1.1001	1.2187	1.3375	1.4563	1.5752	1.6941	1.8132	1.9322	2.0513	2.1705	25.0
45.1-47.0	52.2- 54.6	0.1734	0.2984	0.4249	0.5523	0.6802	0.8085	0.9370	1.0657	1.1946	1.3236	1.4527	1.5819	1.7112	1.8406	1.9700	2.0995	2.2290	2.3586	25.1
47.1-49.0	54.7- 57.1	0.1868	0.3220	0.4589	0.5968	0.7352	0.8741	1.0133	1.1527	1.2923	1.4320	1.5718	1.7118	1.8518	1.9919	2.1321	2.2724	2.4127	2.5530	25.3
49.1-51.0	57.2- 59.6	0.2006	0.3462	0.4938	0.6425	0.7919	0.9418	1.0919	1.2423	1.3930	1.5438	1.6947	1.8457	1.9969	2.1481	2.2994	2.4508	2.6023	2.7538	25.4
51.1-53.0	59.7- 62.1	0.2147	0.3711	0.5298	0.6896	0.8502	1.0113	1.1729	1.3346	1.4967	1.6589	1.8212	1.9837	2.1463	2.3090	2.4718	2.6347	2.7976	2.9606	25.4
53.1-55.0	62.2- 64.7	0.2291	0.3967	0.5666	0.7379	0.9101	1.0828	1.2560	1.4295	1.6033	1.7772	1.9514	2.1257	2.3001	2.4746	2.6492	2.8239	2.9987	3.1735	25.5
55.1-57.0	64.8- 67.2	0.2439	0.4228	0.6044	0.7875	0.9715	1.1562	1.3414	1.5269	1.7128	1.8988	2.0850	2.2715	2.4580	2.6447	2.8314	3.0183	3.2052	3.3923	25.6
57.1-59.0	67.3- 69.8	0.2590	0.4496	0.6431	0.8382	1.0345	1.2314	1.4289	1.6268	1.8250	2.0235	2.2222	2.4210	2.6200	2.8192	3.0184	3.2178	3.4173	3.6168	25.6
59.1-61.0	69.9- 72.4	0.2745	0.4770	0.6826	0.8902	1.0989	1.3084	1.5185	1.7291	1.9400	2.1512	2.3626	2.5743	2.7861	2.9980	3.2101	3.4223	3.6346	3.8470	25.7
61.1-63.0	72.5- 75.0	0.2903	0.5049	0.7231	0.9432	1.1647	1.3871	1.6102	1.8337	2.0576	2.2819	2.5064	2.7311	2.9560	3.1811	3.4063	3.6317	3.8571	4.0827	25.7
63.1-65.0	75.1- 77.6	0.3064	0.5335	0.7643	0.9974	1.2320	1.4675	1.7038	1.9406	2.1779	2.4155	2.6534	2.8915	3.1298	3.3684	3.6070	3.8458	4.0847	4.3238	25.8
65.1-67.0	77.8- 80.3	0.3228	0.5626	0.8064	1.0527	1.3006	1.5496	1.7994	2.0498	2.3007	2.5520	2.8035	3.0554	3.3074	3.5597	3.8121	4.0646	4.3173	4.5702	25.8
67.1-69.0	80.4- 82.9	0.3396	0.5923	0.8493	1.1091	1.3706	1.6333	1.8969	2.1612	2.4260	2.6912	2.9567	3.2226	3.4886	3.7549	4.0214	4.2880	4.5548	4.8217	25.8
69.1-71.0	83.0- 85.6	0.3566	0.6225	0.8931	1.1665	1.4419	1.7186	1.9963	2.2747	2.5537	2.8331	3.1129	3.3931	3.6734	3.9541	4.2349	4.5159	4.7970	5.0783	25.8
71.1-73.0	85.7- 88.3	0.3740	0.6533	0.9375	1.2250	1.5145	1.8055	2.0975	2.3903	2.6838	2.9777	3.2721	3.5668	3.8618	4.1570	4.4525	4.7481	5.0439	5.3399	25.9
73.1-75.0	88.4- 91.0	0.3917	0.6846	0.9828	1.2844	1.5883	1.8938	2.2005	2.5080	2.8162	3.1249	3.4341	3.7436	4.0535	4.3636	4.6740	4.9846	5.2954	5.6063	25.9
75.1-77.0	91.1- 93.7	0.4097	0.7164	1.0288	1.3449	1.6634	1.9836	2.3052	2.6276	2.9508	3.2746	3.5989	3.9236	4.2486	4.5739	4.8995	5.2253	5.5512	5.8774	25.9
77.1-79.0	93.8- 96.4	0.4280	0.7487	1.0755	1.4062	1.7396	2.0749	2.4115	2.7492	3.0877	3.4268	3.7664	4.1065	4.4469	4.7877	5.1287	5.4700	5.8115	6.1532	25.9
79.1-81.0	96.5- 99.1	0.4466	0.7816	1.1230	1.4686	1.8171	2.1676	2.5196	2.8727	3.2267	3.5814	3.9366	4.2923	4.6485	5.0049	5.3617	5.7187	6.0759	6.4334	25.9

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: HARDWOOD
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- 14.3	0.0006	0.0019	0.0031	0.0044	0.0056	0.0069	0.0082	0.0095	0.0108	0.0121	0.0134	0.0147	0.0160	0.0173	0.0186	0.0200	0.0213	0.0226	14.9
13.1-15.0	14.4- 16.5	0.0090	0.0158	0.0227	0.0297	0.0367	0.0437	0.0507	0.0577	0.0647	0.0718	0.0788	0.0859	0.0930	0.1000	0.1071	0.1142	0.1212	0.1283	16.4
15.1-17.0	16.7- 18.8	0.0179	0.0308	0.0438	0.0568	0.0700	0.0831	0.0963	0.1094	0.1226	0.1358	0.1491	0.1623	0.1755	0.1887	0.2020	0.2152	0.2285	0.2417	17.7
17.1-19.0	18.9- 21.1	0.0260	0.0442	0.0625	0.0809	0.0994	0.1179	0.1364	0.1550	0.1735	0.1921	0.2107	0.2293	0.2479	0.2665	0.2851	0.3037	0.3223	0.3410	18.9
19.1-21.0	21.2- 23.4	0.0340	0.0576	0.0813	0.1051	0.1290	0.1529	0.1769	0.2008	0.2248	0.2488	0.2729	0.2969	0.3209	0.3450	0.3690	0.3931	0.4172	0.4413	19.9
21.1-23.0	23.5- 25.7	0.0423	0.0715	0.1009	0.1304	0.1599	0.1895	0.2192	0.2489	0.2786	0.3083	0.3381	0.3678	0.3976	0.4274	0.4572	0.4870	0.5168	0.5466	20.7
23.1-25.0	25.8- 28.0	0.0509	0.0860	0.1214	0.1570	0.1926	0.2283	0.2640	0.2997	0.3355	0.3713	0.4072	0.4430	0.4789	0.5147	0.5506	0.5865	0.6224	0.6584	21.5
25.1-27.0	28.1- 30.4	0.0599	0.1014	0.1431	0.1851	0.2271	0.2693	0.3114	0.3536	0.3959	0.4382	0.4805	0.5228	0.5651	0.6075	0.6499	0.6923	0.7347	0.7771	22.1
27.1-29.0	30.5- 32.7	0.0694	0.1175	0.1660	0.2148	0.2637	0.3126	0.3616	0.4107	0.4598	0.5090	0.5581	0.6073	0.6566	0.7058	0.7551	0.8044	0.8536	0.9030	22.7
29.1-31.0	32.8- 35.1	0.0792	0.1344	0.1901	0.2461	0.3022	0.3583	0.4146	0.4709	0.5273	0.5837	0.6402	0.6967	0.7532	0.8097	0.8663	0.9229	0.9795	1.0361	23.1
31.1-33.0	35.2- 37.5	0.0895	0.1522	0.2154	0.2789	0.3426	0.4065	0.4704	0.5344	0.5984	0.6625	0.7266	0.7908	0.8550	0.9193	0.9835	1.0478	1.1121	1.1764	23.5
33.1-35.0	37.6- 39.9	0.1002	0.1707	0.2418	0.3133	0.3850	0.4569	0.5289	0.6009	0.6730	0.7452	0.8174	0.8897	0.9620	1.0343	1.1067	1.1791	1.2515	1.3239	23.9
35.1-37.0	40.0- 42.3	0.1113	0.1900	0.2694	0.3493	0.4294	0.5097	0.5901	0.6706	0.7511	0.8318	0.9125	0.9932	1.0740	1.1549	1.2357	1.3166	1.3975	1.4785	24.2
37.1-39.0	42.4- 44.7	0.1228	0.2100	0.2981	0.3867	0.4756	0.5647	0.6539	0.7433	0.8327	0.9222	1.0118	1.1014	1.1911	1.2808	1.3706	1.4604	1.5502	1.6400	24.4
39.1-41.0	44.8- 47.1	0.1347	0.2308	0.3280	0.4256	0.5237	0.6219	0.7204	0.8189	0.9176	1.0164	1.1152	1.2141	1.3131	1.4121	1.5111	1.6102	1.7093	1.8085	24.7
41.1-43.0	47.3- 49.6	0.1470	0.2523	0.3588	0.4660	0.5735	0.6814	0.7894	0.8975	1.0058	1.1142	1.2227	1.3312	1.4398	1.5485	1.6572	1.7660	1.8748	1.9836	24.8
43.1-45.0	49.7- 52.1	0.1597	0.2746	0.3908	0.5078	0.6252	0.7429	0.8609	0.9790	1.0973	1.2157	1.3342	1.4527	1.5714	1.6901	1.8088	1.9276	2.0465	2.1654	25.0
45.1-47.0	52.2- 54.6	0.1728	0.2975	0.4238	0.5509	0.6786	0.8066	0.9349	1.0633	1.1919	1.3207	1.4496	1.5785	1.7076	1.8367	1.9658	2.0951	2.2243	2.3536	25.1
47.1-49.0	54.7- 57.1	0.1862	0.3211	0.4578	0.5954	0.7336	0.8723	1.0112	1.1504	1.2897	1.4292	1.5688	1.7085	1.8483	1.9882	2.1281	2.2681	2.4082	2.5483	25.3
49.1-51.0	57.2- 59.6	0.1999	0.3454	0.4928	0.6412	0.7904	0.9400	1.0899	1.2401	1.3905	1.5411	1.6918	1.8426	1.9935	2.1445	2.2956	2.4467	2.5979	2.7492	25.4
51.1-53.0	59.7- 62.1	0.2141	0.3703	0.5287	0.6883	0.8487	1.0096	1.1709	1.3325	1.4943	1.6563	1.8184	1.9807	2.1430	2.3055	2.4681	2.6307	2.7934	2.9562	25.4
53.1-55.0	62.2- 64.7	0.2285	0.3958	0.5656	0.7367	0.9086	1.0812	1.2541	1.4274	1.6010	1.7747	1.9486	2.1227	2.2969	2.4712	2.6456	2.8200	2.9946	3.1692	25.5
55.1-57.0	64.8- 67.2	0.2433	0.4220	0.6034	0.7862	0.9701	1.1546	1.3395	1.5249	1.7105	1.8963	2.0824	2.2686	2.4549	2.6413	2.8279	3.0145	3.2013	3.3881	25.6
57.1-59.0	67.3- 69.8	0.2585	0.4488	0.6421	0.8370	1.0331	1.2298	1.4271	1.6248	1.8228	2.0211	2.2195	2.4182	2.6170	2.8159	3.0150	3.2142	3.4134	3.6127	25.6
59.1-61.0	69.9- 72.4	0.2739	0.4762	0.6817	0.8890	1.0975	1.3068	1.5167	1.7271	1.9378	2.1488	2.3601	2.5715	2.7831	2.9949	3.2067	3.4187	3.6308	3.8430	25.7
61.1-63.0	72.5- 75.0	0.2897	0.5042	0.7221	0.9421	1.1634	1.3856	1.6084	1.8318	2.0555	2.2796	2.5039	2.7284	2.9532	3.1780	3.4031	3.6282	3.8535	4.0788	25.7
63.1-65.0	75.1- 77.6	0.3058	0.5327	0.7634	0.9963	1.2307	1.4660	1.7021	1.9388	2.1758	2.4133	2.6510	2.8889	3.1270	3.3653	3.6038	3.8424	4.0812	4.3200	25.8
65.1-67.0	77.8- 80.3	0.3223	0.5619	0.8055	1.0516	1.2993	1.5481	1.7978	2.0480	2.2987	2.5497	2.8011	3.0528	3.3047	3.5567	3.8089	4.0613	4.3138	4.5665	25.8
67.1-69.0	80.4- 82.9	0.3390	0.5915	0.8484	1.1080	1.3693	1.6319	1.8953	2.1594	2.4240	2.6890	2.9544	3.2200	3.4859	3.7520	4.0183	4.2848	4.5514	4.8181	25.8
69.1-71.0	83.0- 85.6	0.3561	0.6218	0.8922	1.1654	1.4407	1.7172	1.9947	2.2729	2.5517	2.8310	3.1106	3.3906	3.6708	3.9512	4.2319	4.5127	4.7937	5.0748	25.8
71.1-73.0	85.7- 88.3	0.3735	0.6526	0.9367	1.2239	1.5133	1.8041	2.0959	2.3886	2.6819	2.9756	3.2698	3.5643	3.8592	4.1542	4.4495	4.7450	5.0406	5.3364	25.9
73.1-75.0	88.4- 91.0	0.3912	0.6839	0.9819	1.2834	1.5871	1.8924	2.1989	2.5063	2.8143	3.1228	3.4319	3.7412	4.0509	4.3609	4.6711	4.9815	5.2921	5.6029	25.9
75.1-77.0	91.1- 93.7	0.4092	0.7157	1.0279	1.3438	1.6622	1.9823	2.3036	2.6259	2.9490	3.2726	3.5967	3.9212	4.2461	4.5712	4.8966	5.2222	5.5480	5.8740	25.9
77.1-79.0	93.8- 96.4	0.4275	0.7481	1.0747	1.4052	1.7385	2.0736	2.4100	2.7475	3.0858	3.4248	3.7643	4.1042	4.4444	4.7850	5.1259	5.4670	5.8083	6.1498	25.9
79.1-81.0	96.5- 99.1	0.4461	0.7809	1.1221	1.4676	1.8159	2.1663	2.5181	2.8711	3.2249	3.5794	3.9345	4.2900	4.6460	5.0023	5.3589	5.7158	6.0728	6.4301	25.9

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: HARDWOOD
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	14.4- 16.5	0.0004	0.0018	0.0031	0.0045	0.0060	0.0074	0.0088	0.0103	0.0117	0.0132	0.0147	0.0161	0.0176	0.0191	0.0205	0.0220	0.0235	0.0250	16.4
15.1-17.0	16.7- 18.8	0.0091	0.0162	0.0232	0.0303	0.0374	0.0445	0.0516	0.0587	0.0658	0.0729	0.0801	0.0872	0.0944	0.1015	0.1086	0.1158	0.1229	0.1301	17.7
17.1-19.0	18.9- 21.1	0.0196	0.0341	0.0489	0.0637	0.0787	0.0937	0.1087	0.1238	0.1388	0.1539	0.1690	0.1841	0.1992	0.2143	0.2294	0.2446	0.2597	0.2748	18.9
19.1-21.0	21.2- 23.4	0.0291	0.0501	0.0713	0.0927	0.1141	0.1356	0.1571	0.1786	0.2002	0.2218	0.2434	0.2650	0.2866	0.3082	0.3298	0.3515	0.3731	0.3948	19.9
21.1-23.0	23.5- 25.7	0.0382	0.0654	0.0929	0.1205	0.1481	0.1758	0.2036	0.2314	0.2592	0.2870	0.3148	0.3427	0.3705	0.3984	0.4263	0.4542	0.4821	0.5100	20.7
23.1-25.0	25.8- 28.0	0.0474	0.0809	0.1147	0.1486	0.1827	0.2167	0.2509	0.2850	0.3192	0.3535	0.3877	0.4220	0.4563	0.4905	0.5248	0.5592	0.5935	0.6278	21.5
25.1-27.0	28.1- 30.4	0.0569	0.0969	0.1373	0.1778	0.2185	0.2592	0.3000	0.3409	0.3818	0.4227	0.4636	0.5046	0.5455	0.5865	0.6275	0.6685	0.7096	0.7506	22.1
27.1-29.0	30.5- 32.7	0.0666	0.1135	0.1608	0.2083	0.2560	0.3037	0.3515	0.3994	0.4473	0.4952	0.5431	0.5911	0.6391	0.6872	0.7352	0.7833	0.8313	0.8794	22.7
29.1-31.0	32.8- 35.1	0.0767	0.1308	0.1853	0.2402	0.2952	0.3503	0.4054	0.4607	0.5160	0.5713	0.6266	0.6820	0.7374	0.7929	0.8483	0.9038	0.9593	1.0148	23.1
31.1-33.0	35.2- 37.5	0.0871	0.1488	0.2110	0.2735	0.3362	0.3990	0.4619	0.5249	0.5880	0.6511	0.7142	0.7774	0.8406	0.9038	0.9671	1.0303	1.0936	1.1569	23.5
33.1-35.0	37.6- 39.9	0.0980	0.1675	0.2377	0.3083	0.3791	0.4500	0.5210	0.5922	0.6634	0.7346	0.8059	0.8772	0.9486	1.0200	1.0914	1.1629	1.2344	1.3059	23.9
35.1-37.0	40.0- 42.3	0.1092	0.1870	0.2656	0.3445	0.4238	0.5032	0.5827	0.6624	0.7421	0.8219	0.9017	0.9816	1.0615	1.1415	1.2215	1.3015	1.3816	1.4617	24.2
37.1-39.0	42.4- 44.7	0.1209	0.2072	0.2945	0.3823	0.4703	0.5586	0.6470	0.7356	0.8242	0.9129	1.0017	1.0905	1.1793	1.2682	1.3572	1.4462	1.5352	1.6242	24.4
39.1-41.0	44.8- 47.1	0.1329	0.2281	0.3245	0.4214	0.5187	0.6162	0.7138	0.8117	0.9096	1.0076	1.1056	1.2038	1.3019	1.4002	1.4985	1.5968	1.6951	1.7935	24.7
41.1-43.0	47.3- 49.6	0.1452	0.2498	0.3555	0.4620	0.5688	0.6759	0.7832	0.8906	0.9982	1.1058	1.2136	1.3214	1.4293	1.5372	1.6452	1.7532	1.8613	1.9694	24.8
43.1-45.0	49.7- 52.1	0.1580	0.2721	0.3876	0.5039	0.6206	0.7377	0.8550	0.9724	1.0900	1.2077	1.3255	1.4434	1.5613	1.6793	1.7974	1.9155	2.0336	2.1518	25.0
45.1-47.0	52.2- 54.6	0.1711	0.2951	0.4207	0.5472	0.6742	0.8015	0.9292	1.0570	1.1849	1.3130	1.4412	1.5695	1.6979	1.8264	1.9549	2.0834	2.2120	2.3407	25.1
47.1-49.0	54.7- 57.1	0.1845	0.3188	0.4548	0.5918	0.7294	0.8674	1.0057	1.1443	1.2830	1.4218	1.5608	1.6999	1.8390	1.9783	2.1176	2.2569	2.3964	2.5358	25.3
49.1-51.0	57.2- 59.6	0.1984	0.3431	0.4899	0.6378	0.7863	0.9353	1.0846	1.2342	1.3840	1.5340	1.6840	1.8342	1.9846	2.1349	2.2854	2.4359	2.5865	2.7372	25.4
51.1-53.0	59.7- 62.1	0.2125	0.3681	0.5259	0.6850	0.8448	1.0051	1.1658	1.3268	1.4880	1.6494	1.8109	1.9726	2.1344	2.2963	2.4583	2.6203	2.7824	2.9446	25.4
53.1-55.0	62.2- 64.7	0.2270	0.3937	0.5629	0.7334	0.9048	1.0768	1.2492	1.4219	1.5949	1.7681	1.9414	2.1149	2.2885	2.4623	2.6361	2.8100	2.9840	3.1580	25.5
55.1-57.0	64.8- 67.2	0.2419	0.4199	0.6007	0.7831	0.9664	1.1503	1.3347	1.5195	1.7046	1.8899	2.0754	2.2610	2.4468	2.6327	2.8187	3.0048	3.1910	3.3772	25.6
57.1-59.0	67.3- 69.8	0.2570	0.4468	0.6395	0.8339	1.0294	1.2257	1.4224	1.6196	1.8171	2.0148	2.2127	2.4109	2.6091	2.8075	3.0061	3.2047	3.4034	3.6022	25.6
59.1-61.0	69.9- 72.4	0.2725	0.4742	0.6792	0.8860	1.0940	1.3028	1.5122	1.7220	1.9323	2.1427	2.3535	2.5644	2.7755	2.9867	3.1981	3.4095	3.6211	3.8328	25.7
61.1-63.0	72.5- 75.0	0.2883	0.5022	0.7197	0.9391	1.1599	1.3816	1.6040	1.8268	2.0501	2.2736	2.4975	2.7215	2.9457	3.1701	3.3946	3.6192	3.8440	4.0688	25.7
63.1-65.0	75.1- 77.6	0.3045	0.5308	0.7610	0.9934	1.2273	1.4622	1.6978	1.9339	2.1705	2.4074	2.6447	2.8821	3.1198	3.3576	3.5956	3.8337	4.0719	4.3103	25.8
65.1-67.0	77.8- 80.3	0.3209	0.5600	0.8032	1.0488	1.2960	1.5444	1.7935	2.0432	2.2935	2.5441	2.7950	3.0461	3.2975	3.5491	3.8009	4.0528	4.3048	4.5569	25.8
67.1-69.0	80.4- 82.9	0.3377	0.5897	0.8461	1.1052	1.3661	1.6282	1.8911	2.1548	2.4189	2.6835	2.9484	3.2135	3.4790	3.7446	4.0104	4.2764	4.5425	4.8088	25.8
69.1-71.0	83.0- 85.6	0.3548	0.6200	0.8899	1.1627	1.4375	1.7135	1.9906	2.2684	2.5467	2.8256	3.1047	3.3842	3.6640	3.9440	4.2241	4.5045	4.7850	5.0657	25.8
71.1-73.0	85.7- 88.3	0.3722	0.6508	0.9344	1.2212	1.5101	1.8005	2.0919	2.3841	2.6769	2.9703	3.2640	3.5581	3.8525	4.1471	4.4419	4.7369	5.0321	5.3275	25.9
73.1-75.0	88.4- 91.0	0.3899	0.6821	0.9797	1.2807	1.5840	1.8889	2.1950	2.5019	2.8095	3.1176	3.4262	3.7351	4.0444	4.3539	4.6637	4.9736	5.2838	5.5941	25.9
75.1-77.0	91.1- 93.7	0.4079	0.7140	1.0257	1.3412	1.6591	1.9788	2.2997	2.6216	2.9442	3.2674	3.5911	3.9152	4.2396	4.5643	4.8893	5.2145	5.5399	5.8654	25.9
77.1-79.0	93.8- 96.4	0.4262	0.7463	1.0725	1.4026	1.7355	2.0702	2.4062	2.7433	3.0812	3.4197	3.7588	4.0982	4.4381	4.7783	5.1187	5.4594	5.8003	6.1414	25.9
79.1-81.0	96.5- 99.1	0.4448	0.7792	1.1200	1.4650	1.8130	2.1629	2.5143	2.8669	3.2203	3.5744	3.9291	4.2842	4.6398	4.9956	5.3518	5.7083	6.0649	6.4218	25.9

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: HARDWOOD
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	16.7- 18.8	0.0001	0.0017	0.0032	0.0047	0.0063	0.0079	0.0095	0.0111	0.0127	0.0144	0.0160	0.0176	0.0193	0.0209	0.0226	0.0242	0.0259	0.0275	17.7
17.1-19.0	18.9- 21.1	0.0092	0.0163	0.0233	0.0302	0.0372	0.0441	0.0511	0.0580	0.0649	0.0719	0.0788	0.0858	0.0927	0.0997	0.1066	0.1136	0.1205	0.1275	18.9
19.1-21.0	21.2- 23.4	0.0207	0.0364	0.0525	0.0686	0.0849	0.1012	0.1176	0.1340	0.1504	0.1668	0.1833	0.1998	0.2162	0.2327	0.2492	0.2657	0.2823	0.2988	19.9
21.1-23.0	23.5- 25.7	0.0316	0.0552	0.0790	0.1031	0.1272	0.1515	0.1758	0.2001	0.2244	0.2488	0.2732	0.2976	0.3220	0.3464	0.3708	0.3953	0.4197	0.4442	20.7
23.1-25.0	25.8- 28.0	0.0420	0.0727	0.1037	0.1349	0.1663	0.1977	0.2292	0.2607	0.2923	0.3238	0.3554	0.3870	0.4186	0.4503	0.4819	0.5136	0.5453	0.5769	21.5
25.1-27.0	28.1- 30.4	0.0522	0.0899	0.1281	0.1664	0.2049	0.2434	0.2821	0.3207	0.3594	0.3981	0.4369	0.4756	0.5144	0.5532	0.5921	0.6309	0.6697	0.7086	22.1
27.1-29.0	30.5- 32.7	0.0625	0.1074	0.1528	0.1984	0.2442	0.2900	0.3360	0.3820	0.4280	0.4740	0.5201	0.5663	0.6124	0.6585	0.7047	0.7509	0.7971	0.8433	22.7
29.1-31.0	32.8- 35.1	0.0730	0.1253	0.1782	0.2314	0.2847	0.3382	0.3917	0.4453	0.4989	0.5526	0.6063	0.6600	0.7138	0.7676	0.8214	0.8752	0.9291	0.9829	23.1
31.1-33.0	35.2- 37.5	0.0838	0.1438	0.2045	0.2655	0.3268	0.3881	0.4495	0.5110	0.5726	0.6342	0.6959	0.7576	0.8193	0.8810	0.9428	1.0046	1.0664	1.1282	23.5
33.1-35.0	37.6- 39.9	0.0949	0.1630	0.2318	0.3010	0.3704	0.4400	0.5097	0.5795	0.6493	0.7192	0.7892	0.8591	0.9292	0.9992	1.0693	1.1394	1.2095	1.2797	23.9
35.1-37.0	40.0- 42.3	0.1063	0.1828	0.2601	0.3378	0.4158	0.4939	0.5722	0.6506	0.7291	0.8077	0.8863	0.9649	1.0436	1.1223	1.2010	1.2798	1.3586	1.4375	24.2
37.1-39.0	42.4- 44.7	0.1181	0.2032	0.2893	0.3759	0.4628	0.5500	0.6372	0.7246	0.8121	0.8996	0.9872	1.0749	1.1626	1.2503	1.3381	1.4260	1.5138	1.6017	24.4
39.1-41.0	44.8- 47.1	0.1303	0.2244	0.3196	0.4154	0.5116	0.6080	0.7046	0.8014	0.8982	0.9951	1.0921	1.1891	1.2862	1.3834	1.4806	1.5778	1.6751	1.7724	24.7
41.1-43.0	47.3- 49.6	0.1427	0.2462	0.3509	0.4563	0.5621	0.6682	0.7745	0.8809	0.9874	1.0941	1.2008	1.3076	1.4145	1.5214	1.6283	1.7353	1.8424	1.9495	24.8
43.1-45.0	49.7- 52.1	0.1556	0.2687	0.3832	0.4985	0.6143	0.7304	0.8467	0.9632	1.0798	1.1965	1.3133	1.4303	1.5472	1.6643	1.7814	1.8985	2.0157	2.1329	25.0
45.1-47.0	52.2- 54.6	0.1688	0.2918	0.4165	0.5420	0.6681	0.7946	0.9213	1.0482	1.1752	1.3024	1.4297	1.5570	1.6845	1.8120	1.9396	2.0673	2.1949	2.3227	25.1
47.1-49.0	54.7- 57.1	0.1823	0.3156	0.4508	0.5869	0.7236	0.8607	0.9982	1.1358	1.2736	1.4116	1.5497	1.6879	1.8262	1.9646	2.1030	2.2415	2.3800	2.5186	25.3
49.1-51.0	57.2- 59.6	0.1962	0.3401	0.4860	0.6330	0.7807	0.9288	1.0773	1.2261	1.3751	1.5242	1.6734	1.8228	1.9722	2.1218	2.2714	2.4211	2.5709	2.7207	25.4
51.1-53.0	59.7- 62.1	0.2104	0.3652	0.5221	0.6804	0.8394	0.9989	1.1588	1.3190	1.4794	1.6400	1.8007	1.9616	2.1226	2.2837	2.4448	2.6061	2.7674	2.9287	25.4
53.1-55.0	62.2- 64.7	0.2250	0.3909	0.5592	0.7290	0.8996	1.0708	1.2424	1.4143	1.5866	1.7590	1.9315	2.1043	2.2771	2.4501	2.6231	2.7962	2.9694	3.1427	25.5
55.1-57.0	64.8- 67.2	0.2399	0.4172	0.5972	0.7788	0.9613	1.1445	1.3282	1.5122	1.6965	1.8811	2.0658	2.2507	2.4358	2.6209	2.8062	2.9915	3.1769	3.3624	25.6
57.1-59.0	67.3- 69.8	0.2551	0.4441	0.6360	0.8297	1.0245	1.2200	1.4161	1.6125	1.8093	2.0063	2.2035	2.4009	2.5984	2.7961	2.9939	3.1918	3.3898	3.5879	25.6
59.1-61.0	69.9- 72.4	0.2706	0.4716	0.6758	0.8819	1.0892	1.2973	1.5060	1.7152	1.9247	2.1345	2.3445	2.5547	2.7651	2.9756	3.1863	3.3970	3.6079	3.8189	25.7
61.1-63.0	72.5- 75.0	0.2865	0.4996	0.7164	0.9351	1.1552	1.3763	1.5980	1.8201	2.0427	2.2656	2.4887	2.7121	2.9356	3.1593	3.3831	3.6071	3.8311	4.0553	25.7
63.1-65.0	75.1- 77.6	0.3027	0.5283	0.7578	0.9895	1.2227	1.4569	1.6919	1.9274	2.1633	2.3996	2.6361	2.8729	3.1099	3.3471	3.5844	3.8218	4.0594	4.2971	25.8
65.1-67.0	77.8- 80.3	0.3192	0.5575	0.8000	1.0450	1.2916	1.5393	1.7878	2.0369	2.2864	2.5364	2.7867	3.0372	3.2879	3.5389	3.7900	4.0412	4.2926	4.5441	25.8
67.1-69.0	80.4- 82.9	0.3360	0.5873	0.8430	1.1015	1.3617	1.6232	1.8855	2.1485	2.4120	2.6760	2.9402	3.2048	3.4696	3.7346	3.9998	4.2652	4.5306	4.7963	25.8
69.1-71.0	83.0- 85.6	0.3531	0.6176	0.8868	1.1590	1.4332	1.7087	1.9851	2.2623	2.5400	2.8182	3.0968	3.3757	3.6548	3.9342	4.2138	4.4935	4.7734	5.0534	25.8
71.1-73.0	85.7- 88.3	0.3705	0.6484	0.9314	1.2176	1.5059	1.7957	2.0865	2.3781	2.6704	2.9631	3.2563	3.5497	3.8435	4.1375	4.4318	4.7262	5.0208	5.3155	25.9
73.1-75.0	88.4- 91.0	0.3882	0.6798	0.9768	1.2772	1.5799	1.8842	2.1897	2.4960	2.8030	3.1106	3.4186	3.7269	4.0356	4.3445	4.6537	4.9631	5.2726	5.5824	25.9
75.1-77.0	91.1- 93.7	0.4063	0.7117	1.0228	1.3377	1.6551	1.9742	2.2945	2.6158	2.9379	3.2605	3.5836	3.9071	4.2310	4.5551	4.8795	5.2041	5.5289	5.8539	25.9
77.1-79.0	93.8- 96.4	0.4246	0.7441	1.0696	1.3992	1.7315	2.0656	2.4011	2.7376	3.0750	3.4129	3.7514	4.0903	4.4296	4.7692	5.1091	5.4492	5.7896	6.1301	25.9
79.1-81.0	96.5- 99.1	0.4433	0.7770	1.1172	1.4617	1.8090	2.1584	2.5093	2.8613	3.2142	3.5677	3.9219	4.2765	4.6314	4.9868	5.3424	5.6983	6.0544	6.4107	25.9

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, 14, 15, 16

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

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	5.6- 7.6	0.75	1.31	1.89	2.47	3.05	3.63	4.21	4.80	5.38	5.97	6.56	7.14	7.73	8.32	8.90	9.49	10.08	10.66	8.6
7.1- 9.0	7.7- 9.7	1.75	2.96	4.17	5.39	6.62	7.84	9.06	10.29	11.51	12.74	13.96	15.19	16.41	17.64	18.87	20.09	21.32	22.54	10.5
9.1-11.0	9.8- 11.8	2.11	3.52	4.94	6.36	7.79	9.21	10.63	12.06	13.48	14.91	16.33	17.76	19.19	20.61	22.04	23.46	24.89	26.31	12.3
11.1-13.0	11.9- 14.0	2.30	3.82	5.35	6.89	8.42	9.96	11.50	13.03	14.57	16.11	17.64	19.18	20.72	22.26	23.79	25.33	26.87	28.41	13.9
13.1-15.0	14.1- 16.2	2.41	4.01	5.61	7.22	8.83	10.44	12.05	13.66	15.27	16.89	18.50	20.11	21.72	23.33	24.94	26.55	28.16	29.78	15.3
15.1-17.0	16.3- 18.4	2.49	4.14	5.79	7.46	9.12	10.78	12.45	14.11	15.77	17.44	19.10	20.77	22.43	24.10	25.76	27.43	29.09	30.76	16.6
17.1-19.0	18.5- 20.6	2.54	4.23	5.92	7.63	9.33	11.03	12.74	14.44	16.15	17.85	19.56	21.26	22.97	24.67	26.38	28.08	29.79	31.49	17.8
19.1-21.0	20.7- 22.9	2.57	4.29	6.02	7.76	9.49	11.23	12.96	14.70	16.44	18.18	19.91	21.65	23.39	25.12	26.86	28.60	30.34	32.07	18.8
21.1-23.0	23.0- 25.2	2.59	4.34	6.09	7.86	9.62	11.38	13.14	14.91	16.67	18.43	20.20	21.96	23.72	25.49	27.25	29.01	30.78	32.54	19.8
23.1-25.0	25.3- 27.5	2.61	4.37	6.15	7.93	9.72	11.50	13.29	15.07	16.86	18.64	20.43	22.21	24.00	25.78	27.57	29.35	31.14	32.92	20.6
25.1-27.0	27.7- 29.9	2.62	4.40	6.20	8.00	9.80	11.60	13.41	15.21	17.01	18.82	20.62	22.43	24.23	26.03	27.84	29.64	31.44	33.25	21.4
27.1-29.0	30.0- 32.3	2.62	4.42	6.23	8.05	9.87	11.69	13.51	15.33	17.15	18.97	20.78	22.60	24.42	26.24	28.06	29.88	31.70	33.52	22.1
29.1-31.0	32.4- 34.7	2.62	4.43	6.26	8.09	9.92	11.76	13.59	15.42	17.26	19.09	20.92	22.76	24.59	26.42	28.26	30.09	31.92	33.75	22.7
31.1-33.0	34.8- 37.2	2.62	4.44	6.28	8.13	9.97	11.82	13.66	15.51	17.35	19.20	21.04	22.89	24.73	26.58	28.42	30.27	32.11	33.96	23.3
33.1-35.0	37.3- 39.7	2.61	4.45	6.30	8.15	10.01	11.87	13.72	15.58	17.44	19.29	21.15	23.00	24.86	26.72	28.57	30.43	32.28	34.14	23.8
35.1-37.0	39.8- 42.2	2.61	4.45	6.31	8.18	10.04	11.91	13.78	15.64	17.51	19.37	21.24	23.10	24.97	26.84	28.70	30.57	32.43	34.29	24.2
37.1-39.0	42.3- 44.7	2.60	4.45	6.32	8.19	10.07	11.94	13.82	15.70	17.57	19.45	21.32	23.19	25.07	26.94	28.81	30.69	32.56	34.43	24.6
39.1-41.0	44.8- 47.3	2.59	4.45	6.33	8.21	10.09	11.98	13.86	15.74	17.63	19.51	21.39	23.27	25.15	27.04	28.92	30.80	32.68	34.56	25.0
41.1-43.0	47.4- 49.9	2.59	4.45	6.33	8.22	10.11	12.00	13.89	15.78	17.67	19.56	21.45	23.34	25.23	27.12	29.01	30.90	32.78	34.67	25.3
43.1-45.0	50.0- 52.5	2.58	4.44	6.33	8.23	10.13	12.02	13.92	15.82	17.72	19.61	21.51	23.40	25.30	27.20	29.09	30.98	32.88	34.77	25.6
45.1-47.0	52.6- 55.2	2.57	4.44	6.33	8.23	10.14	12.04	13.95	15.85	17.75	19.66	21.56	23.46	25.36	27.26	29.16	31.06	32.97	34.87	25.9
47.1-49.0	55.3- 57.8	2.56	4.43	6.33	8.24	10.15	12.06	13.97	15.88	17.79	19.70	21.60	23.51	25.42	27.33	29.23	31.14	33.04	34.95	26.2
49.1-51.0	58.0- 60.6	2.54	4.42	6.33	8.24	10.16	12.07	13.99	15.90	17.82	19.73	21.65	23.56	25.47	27.38	29.29	31.20	33.11	35.02	26.4
51.1-53.0	60.7- 63.3	2.53	4.41	6.32	8.24	10.16	12.09	14.01	15.93	17.85	19.76	21.68	23.60	25.52	27.43	29.35	31.26	33.18	35.09	26.6
53.1-55.0	63.4- 66.1	2.52	4.40	6.32	8.24	10.17	12.10	14.02	15.95	17.87	19.79	21.71	23.64	25.56	27.48	29.40	31.32	33.24	35.16	26.8
55.1-57.0	66.2- 68.9	2.51	4.39	6.31	8.24	10.17	12.10	14.03	15.96	17.89	19.82	21.74	23.67	25.60	27.52	29.45	31.37	33.29	35.22	26.9
57.1-59.0	69.0- 71.7	2.50	4.38	6.31	8.24	10.17	12.11	14.04	15.98	17.91	19.84	21.77	23.70	25.63	27.56	29.49	31.42	33.34	35.27	27.1
59.1-61.0	71.9- 74.6	2.49	4.37	6.30	8.24	10.17	12.11	14.05	15.99	17.93	19.86	21.80	23.73	25.66	27.59	29.53	31.46	33.39	35.32	27.2
61.1-63.0	74.7- 77.5	2.47	4.36	6.29	8.23	10.17	12.12	14.06	16.00	17.94	19.88	21.82	23.75	25.69	27.63	29.56	31.50	33.43	35.37	27.3
63.1-65.0	77.6- 80.4	2.46	4.35	6.28	8.23	10.17	12.12	14.07	16.01	17.95	19.90	21.84	23.78	25.72	27.66	29.60	31.53	33.47	35.41	27.4
65.1-67.0	80.6- 83.4	2.45	4.34	6.27	8.22	10.17	12.12	14.07	16.02	17.97	19.91	21.86	23.80	25.74	27.68	29.63	31.57	33.51	35.45	27.5
67.1-69.0	83.5- 86.3	2.44	4.33	6.26	8.21	10.17	12.12	14.07	16.03	17.98	19.92	21.87	23.82	25.77	27.71	29.65	31.60	33.54	35.49	27.6
69.1-71.0	86.5- 89.3	2.43	4.31	6.25	8.21	10.16	12.12	14.08	16.03	17.98	19.94	21.89	23.84	25.79	27.73	29.68	31.63	33.57	35.52	27.7
71.1-73.0	89.5- 92.4	2.42	4.30	6.24	8.20	10.16	12.12	14.08	16.04	17.99	19.95	21.90	23.85	25.80	27.76	29.71	31.65	33.60	35.55	27.8
73.1-75.0	92.5- 95.5	2.40	4.29	6.23	8.19	10.15	12.12	14.08	16.04	18.00	19.96	21.91	23.87	25.82	27.78	29.73	31.68	33.63	35.58	27.8
75.1-77.0	95.6- 98.6	2.39	4.28	6.22	8.18	10.15	12.11	14.08	16.04	18.00	19.96	21.92	23.88	25.84	27.79	29.75	31.70	33.66	35.61	27.9
77.1-79.0	98.7-101.7	2.38	4.26	6.21	8.17	10.14	12.11	14.08	16.04	18.01	19.97	21.93	23.89	25.85	27.81	29.77	31.72	33.68	35.64	27.9
79.1-81.0	101.8-104.8	2.37	4.25	6.20	8.16	10.14	12.11	14.08	16.05	18.01	19.98	21.94	23.90	25.87	27.83	29.79	31.74	33.70	35.66	28.0

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: HARDWOOD
NATURAL REGIONS: 2, 14, 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	7.7- 9.7	0.37	0.63	0.88	1.12	1.35	1.58	1.81	2.04	2.27	2.49	2.72	2.94	3.17	3.39	3.61	3.84	4.06	4.28	10.5
9.1-11.0	9.8- 11.8	1.29	2.26	3.26	4.28	5.29	6.32	7.34	8.36	9.39	10.42	11.44	12.47	13.50	14.53	15.56	16.58	17.61	18.64	12.3
11.1-13.0	11.9- 14.0	1.70	2.94	4.20	5.47	6.74	8.01	9.28	10.56	11.83	13.11	14.39	15.66	16.94	18.21	19.49	20.77	22.04	23.32	13.9
13.1-15.0	14.1- 16.2	1.93	3.31	4.70	6.11	7.51	8.92	10.33	11.74	13.15	14.56	15.97	17.38	18.79	20.20	21.62	23.03	24.44	25.85	15.3
15.1-17.0	16.3- 18.4	2.07	3.54	5.03	6.52	8.01	9.51	11.01	12.51	14.01	15.51	17.00	18.50	20.00	21.50	23.01	24.51	26.01	27.51	16.6
17.1-19.0	18.5- 20.6	2.17	3.70	5.25	6.81	8.37	9.93	11.49	13.05	14.62	16.18	17.74	19.31	20.87	22.44	24.00	25.57	27.13	28.70	17.8
19.1-21.0	20.7- 22.9	2.24	3.81	5.41	7.02	8.63	10.24	11.85	13.46	15.08	16.69	18.30	19.92	21.53	23.15	24.76	26.37	27.99	29.60	18.8
21.1-23.0	23.0- 25.2	2.28	3.90	5.54	7.18	8.83	10.48	12.13	13.79	15.44	17.09	18.74	20.40	22.05	23.70	25.36	27.01	28.66	30.32	19.8
23.1-25.0	25.3- 27.5	2.32	3.96	5.63	7.31	8.99	10.68	12.36	14.04	15.73	17.41	19.10	20.78	22.47	24.15	25.84	27.53	29.21	30.90	20.6
25.1-27.0	27.7- 29.9	2.34	4.01	5.71	7.42	9.12	10.83	12.54	14.25	15.97	17.68	19.39	21.10	22.82	24.53	26.24	27.95	29.67	31.38	21.4
27.1-29.0	30.0- 32.3	2.36	4.05	5.77	7.50	9.23	10.96	12.70	14.43	16.17	17.90	19.64	21.37	23.11	24.84	26.58	28.31	30.05	31.78	22.1
29.1-31.0	32.4- 34.7	2.37	4.08	5.82	7.57	9.32	11.07	12.83	14.58	16.33	18.09	19.84	21.60	23.35	25.11	26.86	28.62	30.38	32.13	22.7
31.1-33.0	34.8- 37.2	2.38	4.11	5.86	7.62	9.39	11.16	12.93	14.71	16.48	18.25	20.02	21.80	23.57	25.34	27.11	28.89	30.66	32.43	23.3
33.1-35.0	37.3- 39.7	2.38	4.12	5.89	7.67	9.46	11.24	13.03	14.82	16.60	18.39	20.18	21.97	23.75	25.54	27.33	29.12	30.90	32.69	23.8
35.1-37.0	39.8- 42.2	2.38	4.14	5.92	7.71	9.51	11.31	13.11	14.91	16.71	18.51	20.31	22.12	23.92	25.72	27.52	29.32	31.12	32.92	24.2
37.1-39.0	42.3- 44.7	2.38	4.14	5.94	7.75	9.56	11.37	13.18	14.99	16.81	18.62	20.43	22.25	24.06	25.87	27.69	29.50	31.31	33.13	24.6
39.1-41.0	44.8- 47.3	2.38	4.15	5.96	7.77	9.59	11.42	13.24	15.07	16.89	18.71	20.54	22.36	24.19	26.01	27.84	29.66	31.49	33.31	25.0
41.1-43.0	47.4- 49.9	2.38	4.15	5.97	7.80	9.63	11.46	13.29	15.13	16.96	18.80	20.63	22.47	24.30	26.14	27.97	29.81	31.64	33.47	25.3
43.1-45.0	50.0- 52.5	2.37	4.16	5.98	7.82	9.66	11.50	13.34	15.19	17.03	18.87	20.72	22.56	24.40	26.25	28.09	29.94	31.78	33.62	25.6
45.1-47.0	52.6- 55.2	2.37	4.16	5.99	7.83	9.68	11.53	13.38	15.24	17.09	18.94	20.79	22.65	24.50	26.35	28.20	30.05	31.90	33.76	25.9
47.1-49.0	55.3- 57.8	2.36	4.15	5.99	7.84	9.70	11.56	13.42	15.28	17.14	19.00	20.86	22.72	24.58	26.44	28.30	30.16	32.02	33.88	26.2
49.1-51.0	58.0- 60.6	2.35	4.15	6.00	7.85	9.72	11.58	13.45	15.32	17.19	19.05	20.92	22.79	24.66	26.52	28.39	30.26	32.12	33.99	26.4
51.1-53.0	60.7- 63.3	2.34	4.15	6.00	7.86	9.73	11.61	13.48	15.36	17.23	19.10	20.98	22.85	24.73	26.60	28.47	30.34	32.22	34.09	26.6
53.1-55.0	63.4- 66.1	2.34	4.14	6.00	7.87	9.75	11.63	13.51	15.39	17.27	19.15	21.03	22.91	24.79	26.67	28.55	30.43	32.30	34.18	26.8
55.1-57.0	66.2- 68.9	2.33	4.14	6.00	7.87	9.76	11.64	13.53	15.42	17.30	19.19	21.07	22.96	24.85	26.73	28.62	30.50	32.39	34.27	26.9
57.1-59.0	69.0- 71.7	2.32	4.13	5.99	7.88	9.76	11.66	13.55	15.44	17.33	19.22	21.12	23.01	24.90	26.79	28.68	30.57	32.46	34.35	27.1
59.1-61.0	71.9- 74.6	2.31	4.12	5.99	7.88	9.77	11.67	13.57	15.46	17.36	19.26	21.15	23.05	24.95	26.84	28.74	30.63	32.53	34.42	27.2
61.1-63.0	74.7- 77.5	2.30	4.11	5.99	7.88	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	27.3
63.1-65.0	77.6- 80.4	2.29	4.10	5.98	7.88	9.78	11.69	13.59	15.50	17.41	19.31	21.22	23.13	25.03	26.94	28.84	30.75	32.65	34.55	27.4
65.1-67.0	80.6- 83.4	2.28	4.10	5.97	7.87	9.78	11.69	13.61	15.52	17.43	19.34	21.25	23.16	25.07	26.98	28.89	30.80	32.70	34.61	27.5
67.1-69.0	83.5- 86.3	2.27	4.09	5.97	7.87	9.78	11.70	13.62	15.53	17.45	19.36	21.28	23.19	25.10	27.02	28.93	30.84	32.76	34.67	27.6
69.1-71.0	86.5- 89.3	2.26	4.08	5.96	7.87	9.78	11.70	13.62	15.54	17.46	19.38	21.30	23.22	25.14	27.05	28.97	30.89	32.80	34.72	27.7
71.1-73.0	89.5- 92.4	2.25	4.07	5.95	7.86	9.78	11.71	13.63	15.55	17.48	19.40	21.32	23.25	25.17	27.09	29.01	30.93	32.85	34.77	27.8
73.1-75.0	92.5- 95.5	2.24	4.06	5.95	7.86	9.78	11.71	13.64	15.56	17.49	19.42	21.34	23.27	25.19	27.12	29.04	30.97	32.89	34.81	27.8
75.1-77.0	95.6- 98.6	2.23	4.05	5.94	7.85	9.78	11.71	13.64	15.57	17.50	19.43	21.36	23.29	25.22	27.15	29.07	31.00	32.93	34.85	27.9
77.1-79.0	98.7-101.7	2.22	4.04	5.93	7.85	9.78	11.71	13.65	15.58	17.51	19.45	21.38	23.31	25.24	27.17	29.10	31.03	32.96	34.89	27.9
79.1-81.0	101.8-104.8	2.21	4.03	5.92	7.84	9.77	11.71	13.65	15.59	17.52	19.46	21.40	23.33	25.27	27.20	29.13	31.07	33.00	34.93	28.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	11.9- 14.0	0.52	0.89	1.26	1.61	1.97	2.32	2.66	3.01	3.35	3.69	4.03	4.37	4.71	5.05	5.39	5.73	6.07	6.40	13.9
13.1-15.0	14.1- 16.2	1.05	1.90	2.78	3.69	4.61	5.53	6.46	7.40	8.34	9.27	10.21	11.15	12.10	13.04	13.98	14.92	15.87	16.81	15.3
15.1-17.0	16.3- 18.4	1.37	2.46	3.59	4.74	5.90	7.06	8.23	9.39	10.56	11.74	12.91	14.08	15.25	16.43	17.60	18.77	19.95	21.12	16.6
17.1-19.0	18.5- 20.6	1.58	2.81	4.08	5.37	6.66	7.96	9.26	10.56	11.87	13.17	14.48	15.79	17.09	18.40	19.71	21.02	22.32	23.63	17.8
19.1-21.0	20.7- 22.9	1.72	3.05	4.41	5.79	7.18	8.57	9.96	11.36	12.75	14.15	15.55	16.95	18.35	19.75	21.15	22.55	23.95	25.35	18.8
21.1-23.0	23.0- 25.2	1.82	3.22	4.65	6.10	7.55	9.01	10.48	11.94	13.41	14.87	16.34	17.81	19.27	20.74	22.21	23.68	25.15	26.62	19.8
23.1-25.0	25.3- 27.5	1.89	3.34	4.83	6.33	7.84	9.36	10.87	12.39	13.91	15.43	16.95	18.47	19.99	21.52	23.04	24.56	26.08	27.60	20.6
25.1-27.0	27.7- 29.9	1.95	3.44	4.97	6.52	8.07	9.63	11.19	12.75	14.31	15.88	17.44	19.01	20.57	22.14	23.70	25.27	26.83	28.40	21.4
27.1-29.0	30.0- 32.3	1.99	3.52	5.08	6.67	8.26	9.85	11.45	13.04	14.64	16.24	17.84	19.44	21.05	22.65	24.25	25.85	27.45	29.05	22.1
29.1-31.0	32.4- 34.7	2.02	3.58	5.17	6.79	8.41	10.03	11.66	13.29	14.92	16.55	18.18	19.81	21.44	23.08	24.71	26.34	27.97	29.61	22.7
31.1-33.0	34.8- 37.2	2.05	3.63	5.25	6.89	8.53	10.19	11.84	13.50	15.15	16.81	18.47	20.12	21.78	23.44	25.10	26.76	28.42	30.08	23.3
33.1-35.0	37.3- 39.7	2.07	3.66	5.31	6.97	8.64	10.32	11.99	13.67	15.35	17.03	18.71	20.39	22.07	23.76	25.44	27.12	28.80	30.48	23.8
35.1-37.0	39.8- 42.2	2.08	3.70	5.36	7.04	8.73	10.43	12.12	13.82	15.52	17.22	18.93	20.63	22.33	24.03	25.73	27.44	29.14	30.84	24.2
37.1-39.0	42.3- 44.7	2.09	3.72	5.40	7.10	8.81	10.52	12.24	13.96	15.67	17.39	19.11	20.83	22.55	24.27	25.99	27.71	29.43	31.15	24.6
39.1-41.0	44.8- 47.3	2.10	3.74	5.44	7.15	8.88	10.61	12.34	14.07	15.81	17.54	19.28	21.01	22.75	24.49	26.22	27.96	29.70	31.43	25.0
41.1-43.0	47.4- 49.9	2.10	3.76	5.47	7.20	8.94	10.68	12.43	14.18	15.92	17.67	19.42	21.18	22.93	24.68	26.43	28.18	29.93	31.68	25.3
43.1-45.0	50.0- 52.5	2.11	3.77	5.49	7.24	8.99	10.74	12.50	14.27	16.03	17.79	19.56	21.32	23.08	24.85	26.61	28.38	30.14	31.91	25.6
45.1-47.0	52.6- 55.2	2.11	3.78	5.51	7.27	9.03	10.80	12.57	14.35	16.12	17.90	19.67	21.45	23.23	25.00	26.78	28.56	30.33	32.11	25.9
47.1-49.0	55.3- 57.8	2.11	3.79	5.53	7.30	9.07	10.85	12.63	14.42	16.21	17.99	19.78	21.57	23.35	25.14	26.93	28.72	30.51	32.29	26.2
49.1-51.0	58.0- 60.6	2.11	3.79	5.54	7.32	9.10	10.90	12.69	14.48	16.28	18.08	19.88	21.67	23.47	25.27	27.07	28.86	30.66	32.46	26.4
51.1-53.0	60.7- 63.3	2.11	3.80	5.56	7.34	9.13	10.93	12.74	14.54	16.35	18.16	19.96	21.77	23.58	25.38	27.19	29.00	30.81	32.61	26.6
53.1-55.0	63.4- 66.1	2.10	3.80	5.56	7.36	9.16	10.97	12.78	14.60	16.41	18.23	20.04	21.86	23.67	25.49	27.31	29.12	30.94	32.75	26.8
55.1-57.0	66.2- 68.9	2.10	3.80	5.57	7.37	9.18	11.00	12.82	14.64	16.47	18.29	20.11	21.94	23.76	25.59	27.41	29.24	31.06	32.88	26.9
57.1-59.0	69.0- 71.7	2.09	3.80	5.58	7.38	9.20	11.03	12.86	14.69	16.52	18.35	20.18	22.01	23.84	25.68	27.51	29.34	31.17	33.00	27.1
59.1-61.0	71.9- 74.6	2.09	3.80	5.58	7.39	9.22	11.05	12.89	14.72	16.56	18.40	20.24	22.08	23.92	25.76	27.60	29.44	31.28	33.11	27.2
61.1-63.0	74.7- 77.5	2.08	3.79	5.58	7.40	9.23	11.07	12.92	14.76	16.60	18.45	20.30	22.14	23.99	25.83	27.68	29.53	31.37	33.22	27.3
63.1-65.0	77.6- 80.4	2.08	3.79	5.58	7.41	9.25	11.09	12.94	14.79	16.64	18.49	20.35	22.20	24.05	25.90	27.76	29.61	31.46	33.31	27.4
65.1-67.0	80.6- 83.4	2.07	3.79	5.58	7.41	9.26	11.11	12.96	14.82	16.68	18.54	20.39	22.25	24.11	25.97	27.83	29.69	31.54	33.40	27.5
67.1-69.0	83.5- 86.3	2.07	3.78	5.58	7.42	9.27	11.12	12.98	14.85	16.71	18.57	20.44	22.30	24.17	26.03	27.89	29.76	31.62	33.48	27.6
69.1-71.0	86.5- 89.3	2.06	3.78	5.58	7.42	9.27	11.14	13.00	14.87	16.74	18.61	20.48	22.35	24.22	26.09	27.96	29.82	31.69	33.56	27.7
71.1-73.0	89.5- 92.4	2.05	3.77	5.58	7.42	9.28	11.15	13.02	14.89	16.77	18.64	20.51	22.39	24.26	26.14	28.01	29.89	31.76	33.63	27.8
73.1-75.0	92.5- 95.5	2.05	3.76	5.57	7.42	9.29	11.16	13.03	14.91	16.79	18.67	20.55	22.43	24.31	26.19	28.07	29.95	31.82	33.70	27.8
75.1-77.0	95.6- 98.6	2.04	3.76	5.57	7.42	9.29	11.17	13.05	14.93	16.81	18.70	20.58	22.47	24.35	26.23	28.12	30.00	31.88	33.77	27.9
77.1-79.0	98.7-101.7	2.03	3.75	5.56	7.42	9.29	11.17	13.06	14.95	16.83	18.72	20.61	22.50	24.39	26.28	28.16	30.05	31.94	33.83	27.9
79.1-81.0	101.8-104.8	2.03	3.74	5.56	7.42	9.29	11.18	13.07	14.96	16.85	18.74	20.64	22.53	24.42	26.32	28.21	30.10	31.99	33.88	28.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	11.9- 14.0	0.16	0.25	0.32	0.38	0.44	0.50	0.56	0.62	0.68	0.74	0.80	0.86	0.92	0.98	1.04	1.10	1.16	1.23	13.9
13.1-15.0	14.1- 16.2	0.71	1.27	1.85	2.43	3.03	3.63	4.23	4.83	5.44	6.05	6.66	7.28	7.89	8.50	9.12	9.74	10.35	10.97	15.3
15.1-17.0	16.3- 18.4	1.11	2.02	2.97	3.94	4.93	5.92	6.92	7.93	8.94	9.94	10.95	11.97	12.98	13.99	15.01	16.02	17.03	18.05	16.6
17.1-19.0	18.5- 20.6	1.37	2.47	3.61	4.78	5.96	7.14	8.33	9.52	10.71	11.91	13.10	14.30	15.50	16.69	17.89	19.09	20.29	21.49	17.8
19.1-21.0	20.7- 22.9	1.54	2.76	4.03	5.32	6.61	7.92	9.22	10.53	11.84	13.15	14.46	15.78	17.09	18.40	19.72	21.03	22.35	23.66	18.8
21.1-23.0	23.0- 25.2	1.66	2.97	4.32	5.70	7.08	8.46	9.86	11.25	12.64	14.04	15.43	16.83	18.22	19.62	21.02	22.42	23.81	25.21	19.8
23.1-25.0	25.3- 27.5	1.75	3.12	4.54	5.98	7.43	8.88	10.33	11.79	13.25	14.70	16.16	17.62	19.08	20.54	22.01	23.47	24.93	26.39	20.6
25.1-27.0	27.7- 29.9	1.82	3.24	4.71	6.20	7.70	9.20	10.71	12.21	13.72	15.23	16.74	18.25	19.76	21.27	22.79	24.30	25.81	27.32	21.4
27.1-29.0	30.0- 32.3	1.87	3.33	4.85	6.38	7.92	9.46	11.01	12.56	14.11	15.66	17.21	18.76	20.32	21.87	23.42	24.98	26.53	28.08	22.1
29.1-31.0	32.4- 34.7	1.91	3.41	4.95	6.52	8.09	9.67	11.26	12.84	14.43	16.01	17.60	19.19	20.78	22.36	23.95	25.54	27.13	28.72	22.7
31.1-33.0	34.8- 37.2	1.94	3.47	5.04	6.64	8.24	9.85	11.46	13.08	14.69	16.31	17.93	19.55	21.16	22.78	24.40	26.02	27.64	29.26	23.3
33.1-35.0	37.3- 39.7	1.97	3.51	5.12	6.74	8.37	10.00	11.64	13.28	14.92	16.57	18.21	19.85	21.50	23.14	24.79	26.43	28.08	29.72	23.8
35.1-37.0	39.8- 42.2	1.99	3.55	5.18	6.82	8.47	10.13	11.79	13.46	15.12	16.79	18.45	20.12	21.79	23.46	25.12	26.79	28.46	30.13	24.2
37.1-39.0	42.3- 44.7	2.00	3.59	5.23	6.89	8.56	10.24	11.92	13.61	15.29	16.98	18.67	20.35	22.04	23.73	25.42	27.11	28.79	30.48	24.6
39.1-41.0	44.8- 47.3	2.01	3.61	5.27	6.95	8.64	10.34	12.04	13.74	15.45	17.15	18.85	20.56	22.27	23.97	25.68	27.38	29.09	30.80	25.0
41.1-43.0	47.4- 49.9	2.02	3.63	5.31	7.00	8.71	10.42	12.14	13.86	15.58	17.30	19.02	20.74	22.47	24.19	25.91	27.63	29.36	31.08	25.3
43.1-45.0	50.0- 52.5	2.03	3.65	5.34	7.05	8.77	10.50	12.23	13.96	15.70	17.43	19.17	20.91	22.64	24.38	26.12	27.86	29.59	31.33	25.6
45.1-47.0	52.6- 55.2	2.03	3.66	5.36	7.09	8.82	10.56	12.31	14.05	15.80	17.55	19.30	21.05	22.80	24.55	26.30	28.06	29.81	31.56	25.9
47.1-49.0	55.3- 57.8	2.03	3.67	5.38	7.12	8.87	10.62	12.38	14.14	15.90	17.66	19.42	21.18	22.95	24.71	26.47	28.24	30.00	31.76	26.2
49.1-51.0	58.0- 60.6	2.03	3.68	5.40	7.15	8.91	10.67	12.44	14.21	15.98	17.76	19.53	21.30	23.08	24.85	26.63	28.40	30.18	31.95	26.4
51.1-53.0	60.7- 63.3	2.03	3.69	5.42	7.17	8.94	10.72	12.50	14.28	16.06	17.84	19.63	21.41	23.20	24.98	26.77	28.55	30.34	32.12	26.6
53.1-55.0	63.4- 66.1	2.03	3.69	5.43	7.19	8.97	10.76	12.55	14.34	16.13	17.92	19.72	21.51	23.31	25.10	26.90	28.69	30.49	32.28	26.8
55.1-57.0	66.2- 68.9	2.03	3.70	5.44	7.21	9.00	10.79	12.59	14.39	16.19	18.00	19.80	21.60	23.41	25.21	27.01	28.82	30.62	32.43	26.9
57.1-59.0	69.0- 71.7	2.03	3.70	5.45	7.23	9.02	10.83	12.63	14.44	16.25	18.06	19.87	21.69	23.50	25.31	27.12	28.94	30.75	32.56	27.1
59.1-61.0	71.9- 74.6	2.02	3.70	5.45	7.24	9.04	10.85	12.67	14.49	16.30	18.12	19.94	21.76	23.58	25.40	27.22	29.04	30.86	32.68	27.2
61.1-63.0	74.7- 77.5	2.02	3.70	5.46	7.25	9.06	10.88	12.70	14.53	16.35	18.18	20.01	21.83	23.66	25.49	27.32	29.14	30.97	32.80	27.3
63.1-65.0	77.6- 80.4	2.02	3.70	5.46	7.26	9.08	10.90	12.73	14.56	16.40	18.23	20.06	21.90	23.73	25.57	27.40	29.24	31.07	32.91	27.4
65.1-67.0	80.6- 83.4	2.01	3.69	5.46	7.27	9.09	10.92	12.76	14.60	16.44	18.28	20.12	21.96	23.80	25.64	27.48	29.32	31.16	33.01	27.5
67.1-69.0	83.5- 86.3	2.01	3.69	5.46	7.28	9.10	10.94	12.78	14.63	16.47	18.32	20.17	22.01	23.86	25.71	27.56	29.40	31.25	33.10	27.6
69.1-71.0	86.5- 89.3	2.00	3.69	5.46	7.28	9.11	10.96	12.81	14.66	16.51	18.36	20.21	22.07	23.92	25.77	27.63	29.48	31.33	33.18	27.7
71.1-73.0	89.5- 92.4	2.00	3.68	5.46	7.28	9.12	10.97	12.83	14.68	16.54	18.40	20.26	22.11	23.97	25.83	27.69	29.55	31.41	33.27	27.8
73.1-75.0	92.5- 95.5	1.99	3.68	5.46	7.29	9.13	10.98	12.84	14.70	16.57	18.43	20.29	22.16	24.02	25.89	27.75	29.61	31.48	33.34	27.8
75.1-77.0	95.6- 98.6	1.98	3.67	5.46	7.29	9.14	11.00	12.86	14.73	16.59	18.46	20.33	22.20	24.07	25.94	27.81	29.68	31.55	33.41	27.9
77.1-79.0	98.7-101.7	1.98	3.66	5.45	7.29	9.14	11.00	12.87	14.74	16.62	18.49	20.36	22.24	24.11	25.99	27.86	29.73	31.61	33.48	27.9
79.1-81.0	101.8-104.8	1.97	3.66	5.45	7.29	9.14	11.01	12.89	14.76	16.64	18.52	20.40	22.27	24.15	26.03	27.91	29.79	31.67	33.54	28.0

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

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

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	14.1- 16.2	0.13	0.19	0.24	0.27	0.31	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.61	0.65	0.69	0.74	0.78	0.82	15.3
15.1-17.0	16.3- 18.4	0.57	0.99	1.41	1.82	2.24	2.65	3.05	3.46	3.87	4.27	4.68	5.08	5.48	5.89	6.29	6.69	7.10	7.50	16.6
17.1-19.0	18.5- 20.6	0.92	1.67	2.47	3.30	4.14	5.00	5.86	6.73	7.61	8.48	9.36	10.24	11.12	12.01	12.89	13.78	14.66	15.55	17.8
19.1-21.0	20.7- 22.9	1.17	2.13	3.15	4.20	5.27	6.35	7.44	8.53	9.62	10.71	11.81	12.91	14.01	15.11	16.21	17.31	18.41	19.51	18.8
21.1-23.0	23.0- 25.2	1.34	2.44	3.60	4.79	6.00	7.21	8.43	9.65	10.88	12.11	13.34	14.57	15.80	17.03	18.26	19.49	20.72	21.96	19.8
23.1-25.0	25.3- 27.5	1.47	2.67	3.92	5.21	6.51	7.82	9.13	10.45	11.77	13.09	14.41	15.73	17.05	18.38	19.70	21.03	22.35	23.68	20.6
25.1-27.0	27.7- 29.9	1.56	2.83	4.17	5.52	6.90	8.28	9.66	11.05	12.44	13.83	15.22	16.61	18.00	19.40	20.79	22.19	23.58	24.98	21.4
27.1-29.0	30.0- 32.3	1.64	2.96	4.35	5.77	7.20	8.63	10.07	11.52	12.96	14.41	15.86	17.31	18.75	20.20	21.65	23.10	24.56	26.01	22.1
29.1-31.0	32.4- 34.7	1.69	3.07	4.50	5.96	7.44	8.92	10.41	11.90	13.39	14.88	16.38	17.87	19.37	20.86	22.36	23.85	25.35	26.85	22.7
31.1-33.0	34.8- 37.2	1.74	3.15	4.62	6.12	7.64	9.16	10.68	12.21	13.74	15.27	16.81	18.34	19.87	21.41	22.94	24.48	26.01	27.55	23.3
33.1-35.0	37.3- 39.7	1.77	3.22	4.72	6.26	7.80	9.36	10.92	12.48	14.04	15.61	17.17	18.74	20.30	21.87	23.44	25.01	26.58	28.14	23.8
35.1-37.0	39.8- 42.2	1.80	3.27	4.81	6.37	7.94	9.53	11.11	12.70	14.30	15.89	17.48	19.08	20.67	22.27	23.87	25.46	27.06	28.66	24.2
37.1-39.0	42.3- 44.7	1.83	3.32	4.88	6.46	8.06	9.67	11.28	12.90	14.52	16.14	17.76	19.38	21.00	22.62	24.24	25.86	27.48	29.11	24.6
39.1-41.0	44.8- 47.3	1.85	3.36	4.94	6.54	8.17	9.80	11.43	13.07	14.71	16.35	17.99	19.64	21.28	22.92	24.57	26.21	27.86	29.50	25.0
41.1-43.0	47.4- 49.9	1.86	3.39	4.99	6.61	8.26	9.91	11.56	13.22	14.88	16.54	18.20	19.87	21.53	23.19	24.86	26.52	28.19	29.85	25.3
43.1-45.0	50.0- 52.5	1.87	3.41	5.03	6.67	8.33	10.00	11.68	13.35	15.03	16.71	18.39	20.07	21.75	23.43	25.12	26.80	28.48	30.16	25.6
45.1-47.0	52.6- 55.2	1.88	3.44	5.07	6.73	8.40	10.09	11.78	13.47	15.16	16.86	18.56	20.25	21.95	23.65	25.35	27.05	28.75	30.44	25.9
47.1-49.0	55.3- 57.8	1.89	3.45	5.10	6.77	8.46	10.16	11.87	13.57	15.28	16.99	18.71	20.42	22.13	23.84	25.56	27.27	28.99	30.70	26.2
49.1-51.0	58.0- 60.6	1.90	3.47	5.12	6.81	8.52	10.23	11.95	13.67	15.39	17.12	18.84	20.57	22.29	24.02	25.75	27.48	29.20	30.93	26.4
51.1-53.0	60.7- 63.3	1.90	3.48	5.15	6.85	8.56	10.29	12.02	13.75	15.49	17.23	18.96	20.70	22.44	24.18	25.92	27.66	29.40	31.14	26.6
53.1-55.0	63.4- 66.1	1.90	3.49	5.17	6.88	8.60	10.34	12.08	13.83	15.58	17.33	19.08	20.83	22.58	24.33	26.08	27.83	29.58	31.33	26.8
55.1-57.0	66.2- 68.9	1.90	3.50	5.18	6.90	8.64	10.39	12.14	13.90	15.66	17.42	19.18	20.94	22.70	24.46	26.22	27.99	29.75	31.51	26.9
57.1-59.0	69.0- 71.7	1.90	3.51	5.20	6.93	8.67	10.43	12.19	13.96	15.73	17.50	19.27	21.04	22.81	24.59	26.36	28.13	29.90	31.68	27.1
59.1-61.0	71.9- 74.6	1.90	3.51	5.21	6.95	8.70	10.47	12.24	14.02	15.80	17.58	19.36	21.14	22.92	24.70	26.48	28.26	30.04	31.83	27.2
61.1-63.0	74.7- 77.5	1.90	3.51	5.22	6.96	8.73	10.50	12.29	14.07	15.86	17.65	19.43	21.22	23.01	24.80	26.59	28.39	30.18	31.97	27.3
63.1-65.0	77.6- 80.4	1.90	3.51	5.23	6.98	8.75	10.54	12.32	14.12	15.91	17.71	19.51	21.30	23.10	24.90	26.70	28.50	30.30	32.10	27.4
65.1-67.0	80.6- 83.4	1.90	3.52	5.23	6.99	8.77	10.56	12.36	14.16	15.96	17.77	19.57	21.38	23.19	24.99	26.80	28.61	30.41	32.22	27.5
67.1-69.0	83.5- 86.3	1.90	3.52	5.24	7.00	8.79	10.59	12.39	14.20	16.01	17.82	19.64	21.45	23.26	25.08	26.89	28.70	30.52	32.33	27.6
69.1-71.0	86.5- 89.3	1.89	3.51	5.24	7.01	8.81	10.61	12.42	14.24	16.05	17.87	19.69	21.51	23.33	25.15	26.97	28.80	30.62	32.44	27.7
71.1-73.0	89.5- 92.4	1.89	3.51	5.24	7.02	8.82	10.63	12.45	14.27	16.09	17.92	19.75	21.57	23.40	25.23	27.05	28.88	30.71	32.54	27.8
73.1-75.0	92.5- 95.5	1.89	3.51	5.24	7.03	8.83	10.65	12.47	14.30	16.13	17.96	19.79	21.63	23.46	25.29	27.13	28.96	30.80	32.63	27.8
75.1-77.0	95.6- 98.6	1.88	3.51	5.25	7.03	8.84	10.67	12.50	14.33	16.17	18.00	19.84	21.68	23.52	25.36	27.20	29.04	30.88	32.72	27.9
77.1-79.0	98.7-101.7	1.88	3.50	5.24	7.04	8.85	10.68	12.52	14.35	16.20	18.04	19.88	21.73	23.57	25.42	27.26	29.11	30.95	32.80	27.9
79.1-81.0	101.8-104.8	1.87	3.50	5.24	7.04	8.86	10.69	12.53	14.38	16.23	18.07	19.92	21.77	23.62	25.47	27.32	29.18	31.03	32.88	28.0

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: HARDWOOD
NATURAL REGIONS: 2, 14, 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	16.3- 18.4	0.12	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.34	0.36	0.39	0.42	0.45	0.48	0.50	0.53	0.56	0.59	16.6
17.1-19.0	18.5- 20.6	0.48	0.82	1.13	1.43	1.71	1.99	2.26	2.53	2.80	3.06	3.32	3.58	3.84	4.09	4.35	4.60	4.86	5.11	17.8
19.1-21.0	20.7- 22.9	0.78	1.41	2.08	2.76	3.47	4.18	4.91	5.64	6.37	7.11	7.85	8.60	9.34	10.09	10.84	11.59	12.34	13.10	18.8
21.1-23.0	23.0- 25.2	1.01	1.85	2.75	3.69	4.65	5.62	6.61	7.60	8.59	9.59	10.59	11.59	12.59	13.60	14.60	15.61	16.62	17.63	19.8
23.1-25.0	25.3- 27.5	1.18	2.17	3.22	4.32	5.43	6.56	7.69	8.83	9.98	11.13	12.27	13.42	14.58	15.73	16.88	18.04	19.19	20.35	20.6
25.1-27.0	27.7- 29.9	1.30	2.40	3.56	4.77	5.99	7.22	8.46	9.70	10.95	12.20	13.45	14.70	15.96	17.21	18.47	19.72	20.98	22.24	21.4
27.1-29.0	30.0- 32.3	1.40	2.58	3.82	5.10	6.40	7.72	9.03	10.36	11.68	13.01	14.34	15.67	17.00	18.33	19.66	20.99	22.33	23.66	22.1
29.1-31.0	32.4- 34.7	1.48	2.72	4.03	5.37	6.73	8.11	9.48	10.87	12.25	13.64	15.03	16.42	17.81	19.21	20.60	21.99	23.38	24.78	22.7
31.1-33.0	34.8- 37.2	1.54	2.83	4.19	5.58	7.00	8.42	9.85	11.28	12.72	14.16	15.60	17.04	18.48	19.92	21.36	22.81	24.25	25.69	23.3
33.1-35.0	37.3- 39.7	1.59	2.92	4.32	5.76	7.21	8.68	10.15	11.63	13.10	14.58	16.07	17.55	19.03	20.52	22.00	23.48	24.97	26.45	23.8
35.1-37.0	39.8- 42.2	1.63	2.99	4.43	5.90	7.40	8.90	10.40	11.92	13.43	14.95	16.46	17.98	19.50	21.02	22.54	24.06	25.58	27.10	24.2
37.1-39.0	42.3- 44.7	1.66	3.05	4.52	6.03	7.55	9.08	10.62	12.16	13.71	15.26	16.81	18.35	19.90	21.46	23.01	24.56	26.11	27.66	24.6
39.1-41.0	44.8- 47.3	1.69	3.10	4.60	6.13	7.68	9.24	10.81	12.38	13.95	15.53	17.10	18.68	20.26	21.83	23.41	24.99	26.57	28.15	25.0
41.1-43.0	47.4- 49.9	1.71	3.15	4.67	6.22	7.80	9.38	10.97	12.57	14.16	15.76	17.36	18.96	20.57	22.17	23.77	25.37	26.98	28.58	25.3
43.1-45.0	50.0- 52.5	1.73	3.18	4.72	6.30	7.90	9.50	11.11	12.73	14.35	15.97	17.59	19.22	20.84	22.46	24.09	25.71	27.34	28.96	25.6
45.1-47.0	52.6- 55.2	1.74	3.22	4.77	6.37	7.98	9.61	11.24	12.88	14.52	16.16	17.80	19.44	21.08	22.73	24.37	26.02	27.66	29.31	25.9
47.1-49.0	55.3- 57.8	1.76	3.24	4.81	6.43	8.06	9.70	11.35	13.01	14.66	16.32	17.98	19.64	21.30	22.96	24.63	26.29	27.95	29.61	26.2
49.1-51.0	58.0- 60.6	1.77	3.26	4.85	6.48	8.13	9.79	11.45	13.12	14.80	16.47	18.15	19.82	21.50	23.18	24.86	26.54	28.21	29.89	26.4
51.1-53.0	60.7- 63.3	1.78	3.28	4.88	6.53	8.19	9.86	11.54	13.23	14.92	16.60	18.30	19.99	21.68	23.37	25.07	26.76	28.45	30.15	26.6
53.1-55.0	63.4- 66.1	1.78	3.30	4.91	6.57	8.24	9.93	11.62	13.32	15.02	16.73	18.43	20.14	21.84	23.55	25.26	26.96	28.67	30.38	26.8
55.1-57.0	66.2- 68.9	1.79	3.31	4.93	6.60	8.29	9.99	11.70	13.41	15.12	16.84	18.55	20.27	21.99	23.71	25.43	27.15	28.87	30.59	26.9
57.1-59.0	69.0- 71.7	1.79	3.32	4.96	6.63	8.33	10.04	11.76	13.49	15.21	16.94	18.67	20.40	22.13	23.86	25.59	27.32	29.06	30.79	27.1
59.1-61.0	71.9- 74.6	1.79	3.33	4.97	6.66	8.37	10.09	11.82	13.56	15.29	17.03	18.77	20.51	22.25	24.00	25.74	27.48	29.23	30.97	27.2
61.1-63.0	74.7- 77.5	1.80	3.34	4.99	6.68	8.40	10.14	11.88	13.62	15.37	17.12	18.87	20.62	22.37	24.12	25.88	27.63	29.38	31.14	27.3
63.1-65.0	77.6- 80.4	1.80	3.35	5.00	6.71	8.43	10.18	11.93	13.68	15.44	17.19	18.95	20.72	22.48	24.24	26.00	27.77	29.53	31.29	27.4
65.1-67.0	80.6- 83.4	1.80	3.35	5.01	6.72	8.46	10.21	11.97	13.73	15.50	17.27	19.04	20.81	22.58	24.35	26.12	27.89	29.66	31.44	27.5
67.1-69.0	83.5- 86.3	1.80	3.35	5.02	6.74	8.49	10.25	12.01	13.78	15.56	17.33	19.11	20.89	22.67	24.45	26.23	28.01	29.79	31.57	27.6
69.1-71.0	86.5- 89.3	1.79	3.36	5.03	6.76	8.51	10.27	12.05	13.83	15.61	17.39	19.18	20.97	22.75	24.54	26.33	28.12	29.91	31.70	27.7
71.1-73.0	89.5- 92.4	1.79	3.36	5.04	6.77	8.53	10.30	12.08	13.87	15.66	17.45	19.25	21.04	22.83	24.63	26.43	28.22	30.02	31.81	27.8
73.1-75.0	92.5- 95.5	1.79	3.36	5.04	6.78	8.55	10.33	12.11	13.91	15.71	17.50	19.31	21.11	22.91	24.71	26.51	28.32	30.12	31.92	27.8
75.1-77.0	95.6- 98.6	1.79	3.36	5.05	6.79	8.56	10.35	12.14	13.94	15.75	17.55	19.36	21.17	22.98	24.79	26.60	28.41	30.22	32.03	27.9
77.1-79.0	98.7-101.7	1.79	3.36	5.05	6.80	8.57	10.37	12.17	13.98	15.79	17.60	19.41	21.23	23.04	24.86	26.68	28.49	30.31	32.13	27.9
79.1-81.0	101.8-104.8	1.78	3.35	5.05	6.80	8.59	10.39	12.19	14.01	15.82	17.64	19.46	21.28	23.10	24.93	26.75	28.57	30.40	32.22	28.0

9.0 MERCHANTABLE LENGTH TABLES FOR NATURAL REGIONS 9, 11

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	5.6- 7.6	0.63	1.09	1.56	2.03	2.50	2.97	3.44	3.91	4.38	4.85	5.32	5.79	6.26	6.73	7.20	7.67	8.14	8.61	8.2
7.1- 9.0	7.8- 9.8	1.82	3.02	4.23	5.43	6.64	7.85	9.06	10.26	11.47	12.68	13.89	15.10	16.30	17.51	18.72	19.93	21.14	22.35	10.4
9.1-11.0	9.9- 12.0	2.23	3.64	5.06	6.48	7.89	9.31	10.73	12.15	13.57	15.00	16.42	17.84	19.26	20.68	22.10	23.52	24.94	26.36	12.3
11.1-13.0	12.1- 14.2	2.43	3.96	5.50	7.03	8.57	10.10	11.64	13.17	14.71	16.24	17.78	19.31	20.85	22.38	23.92	25.46	26.99	28.53	14.1
13.1-15.0	14.3- 16.4	2.56	4.17	5.77	7.38	8.99	10.60	12.21	13.82	15.43	17.05	18.66	20.27	21.88	23.49	25.10	26.71	28.32	29.93	15.7
15.1-17.0	16.6- 18.7	2.65	4.30	5.97	7.63	9.29	10.96	12.62	14.28	15.95	17.61	19.28	20.94	22.60	24.27	25.93	27.60	29.26	30.93	17.1
17.1-19.0	18.8- 20.9	2.70	4.40	6.11	7.81	9.51	11.22	12.92	14.63	16.33	18.04	19.74	21.44	23.15	24.85	26.56	28.26	29.97	31.67	18.3
19.1-21.0	21.0- 23.2	2.75	4.48	6.21	7.95	9.68	11.42	13.15	14.89	16.63	18.36	20.10	21.84	23.57	25.31	27.04	28.78	30.52	32.25	19.4
21.1-23.0	23.3- 25.4	2.78	4.53	6.29	8.05	9.82	11.58	13.34	15.10	16.86	18.63	20.39	22.15	23.91	25.67	27.44	29.20	30.96	32.72	20.3
23.1-25.0	25.6- 27.7	2.80	4.58	6.36	8.14	9.92	11.71	13.49	15.27	17.06	18.84	20.62	22.41	24.19	25.97	27.76	29.54	31.32	33.10	21.2
25.1-27.0	27.8- 30.0	2.81	4.61	6.41	8.21	10.01	11.81	13.61	15.42	17.22	19.02	20.82	22.62	24.42	26.22	28.02	29.82	31.62	33.43	21.9
27.1-29.0	30.1- 32.3	2.83	4.64	6.45	8.27	10.09	11.90	13.72	15.54	17.35	19.17	20.98	22.80	24.62	26.43	28.25	30.07	31.88	33.70	22.6
29.1-31.0	32.4- 34.6	2.83	4.66	6.49	8.32	10.15	11.98	13.81	15.64	17.47	19.30	21.13	22.96	24.78	26.61	28.44	30.27	32.10	33.93	23.1
31.1-33.0	34.7- 36.9	2.84	4.67	6.51	8.36	10.20	12.04	13.88	15.72	17.56	19.41	21.25	23.09	24.93	26.77	28.61	30.45	32.29	34.13	23.6
33.1-35.0	37.1- 39.3	2.84	4.69	6.54	8.39	10.24	12.09	13.95	15.80	17.65	19.50	21.35	23.20	25.06	26.91	28.76	30.61	32.46	34.31	24.1
35.1-37.0	39.4- 41.6	2.84	4.69	6.56	8.42	10.28	12.14	14.00	15.86	17.72	19.59	21.45	23.31	25.17	27.03	28.89	30.75	32.61	34.47	24.5
37.1-39.0	41.7- 44.0	2.84	4.70	6.57	8.44	10.31	12.18	14.05	15.92	17.79	19.66	21.53	23.40	25.26	27.13	29.00	30.87	32.74	34.60	24.8
39.1-41.0	44.1- 46.4	2.83	4.70	6.58	8.46	10.34	12.22	14.09	15.97	17.85	19.72	21.60	23.48	25.35	27.23	29.10	30.98	32.85	34.73	25.1
41.1-43.0	46.5- 48.7	2.83	4.71	6.59	8.48	10.36	12.25	14.13	16.01	17.90	19.78	21.66	23.55	25.43	27.31	29.19	31.08	32.96	34.84	25.3
43.1-45.0	48.9- 51.1	2.82	4.71	6.60	8.49	10.38	12.27	14.16	16.05	17.94	19.83	21.72	23.61	25.50	27.39	29.27	31.16	33.05	34.94	25.6
45.1-47.0	51.3- 53.5	2.82	4.71	6.60	8.50	10.40	12.30	14.19	16.09	17.98	19.88	21.77	23.67	25.56	27.46	29.35	31.24	33.14	35.03	25.8
47.1-49.0	53.7- 56.0	2.81	4.71	6.61	8.51	10.41	12.32	14.22	16.12	18.02	19.92	21.82	23.72	25.62	27.52	29.42	31.31	33.21	35.11	25.9
49.1-51.0	56.1- 58.4	2.80	4.70	6.61	8.52	10.43	12.33	14.24	16.15	18.05	19.96	21.86	23.77	25.67	27.57	29.48	31.38	33.28	35.19	26.1
51.1-53.0	58.5- 60.8	2.80	4.70	6.61	8.53	10.44	12.35	14.26	16.17	18.08	19.99	21.90	23.81	25.72	27.62	29.53	31.44	33.35	35.25	26.2
53.1-55.0	61.0- 63.3	2.79	4.69	6.61	8.53	10.45	12.36	14.28	16.19	18.11	20.02	21.93	23.85	25.76	27.67	29.58	31.49	33.41	35.32	26.3
55.1-57.0	63.4- 65.7	2.78	4.69	6.61	8.53	10.45	12.37	14.29	16.21	18.13	20.05	21.96	23.88	25.80	27.71	29.63	31.54	33.46	35.37	26.4
57.1-59.0	65.9- 68.2	2.77	4.68	6.61	8.53	10.46	12.38	14.31	16.23	18.15	20.07	21.99	23.91	25.83	27.75	29.67	31.59	33.51	35.43	26.5
59.1-61.0	68.3- 70.7	2.76	4.68	6.61	8.54	10.46	12.39	14.32	16.25	18.17	20.09	22.02	23.94	25.86	27.79	29.71	31.63	33.55	35.48	26.6
61.1-63.0	70.8- 73.2	2.75	4.67	6.60	8.54	10.47	12.40	14.33	16.26	18.19	20.12	22.04	23.97	25.89	27.82	29.75	31.67	33.60	35.52	26.7
63.1-65.0	73.3- 75.7	2.74	4.66	6.60	8.53	10.47	12.41	14.34	16.27	18.20	20.13	22.06	23.99	25.92	27.85	29.78	31.71	33.63	35.56	26.7
65.1-67.0	75.9- 78.3	2.73	4.65	6.59	8.53	10.47	12.41	14.35	16.28	18.22	20.15	22.08	24.02	25.95	27.88	29.81	31.74	33.67	35.60	26.8
67.1-69.0	78.4- 80.8	2.72	4.65	6.59	8.53	10.47	12.41	14.35	16.29	18.23	20.17	22.10	24.04	25.97	27.90	29.84	31.77	33.70	35.64	26.8
69.1-71.0	80.9- 83.3	2.71	4.64	6.58	8.53	10.47	12.42	14.36	16.30	18.24	20.18	22.12	24.05	25.99	27.93	29.86	31.80	33.73	35.67	26.8
71.1-73.0	83.5- 85.9	2.70	4.63	6.57	8.52	10.47	12.42	14.36	16.31	18.25	20.19	22.13	24.07	26.01	27.95	29.89	31.83	33.76	35.70	26.9
73.1-75.0	86.0- 88.5	2.69	4.62	6.57	8.52	10.47	12.42	14.37	16.31	18.26	20.20	22.14	24.09	26.03	27.97	29.91	31.85	33.79	35.73	26.9
75.1-77.0	88.6- 91.0	2.68	4.61	6.56	8.52	10.47	12.42	14.37	16.32	18.27	20.21	22.16	24.10	26.05	27.99	29.93	31.87	33.82	35.76	26.9
77.1-79.0	91.2- 93.6	2.67	4.60	6.55	8.51	10.47	12.42	14.37	16.32	18.27	20.22	22.17	24.11	26.06	28.01	29.95	31.89	33.84	35.78	27.0
79.1-81.0	93.8- 96.2	2.66	4.59	6.55	8.50	10.46	12.42	14.37	16.33	18.28	20.23	22.18	24.13	26.07	28.02	29.97	31.91	33.86	35.81	27.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	7.8- 9.8	0.31	0.55	0.79	1.02	1.25	1.48	1.70	1.93	2.16	2.38	2.61	2.83	3.06	3.29	3.51	3.74	3.96	4.19	10.4
9.1-11.0	9.9- 12.0	1.38	2.37	3.37	4.39	5.40	6.41	7.43	8.45	9.47	10.48	11.50	12.52	13.54	14.56	15.58	16.59	17.61	18.63	12.3
11.1-13.0	12.1- 14.2	1.85	3.11	4.38	5.65	6.92	8.20	9.47	10.75	12.02	13.30	14.58	15.85	17.13	18.41	19.68	20.96	22.24	23.51	14.1
13.1-15.0	14.3- 16.4	2.10	3.50	4.90	6.31	7.72	9.13	10.55	11.96	13.37	14.79	16.20	17.61	19.03	20.44	21.85	23.27	24.68	26.09	15.7
15.1-17.0	16.6- 18.7	2.25	3.74	5.24	6.74	8.24	9.74	11.24	12.74	14.24	15.75	17.25	18.75	20.25	21.76	23.26	24.76	26.26	27.77	17.1
17.1-19.0	18.8- 20.9	2.36	3.91	5.47	7.03	8.60	10.16	11.73	13.30	14.86	16.43	17.99	19.56	21.13	22.69	24.26	25.83	27.39	28.96	18.3
19.1-21.0	21.0- 23.2	2.43	4.03	5.64	7.25	8.87	10.48	12.10	13.71	15.33	16.94	18.56	20.17	21.79	23.40	25.02	26.63	28.25	29.86	19.4
21.1-23.0	23.3- 25.4	2.49	4.13	5.77	7.43	9.08	10.73	12.38	14.04	15.69	17.34	19.00	20.65	22.30	23.96	25.61	27.27	28.92	30.57	20.3
23.1-25.0	25.6- 27.7	2.53	4.20	5.88	7.56	9.24	10.93	12.61	14.30	15.98	17.67	19.35	21.04	22.72	24.41	26.09	27.78	29.46	31.15	21.2
25.1-27.0	27.8- 30.0	2.56	4.25	5.96	7.67	9.38	11.09	12.80	14.51	16.22	17.93	19.64	21.36	23.07	24.78	26.49	28.20	29.91	31.62	21.9
27.1-29.0	30.1- 32.3	2.58	4.30	6.03	7.76	9.49	11.22	12.96	14.69	16.42	18.16	19.89	21.62	23.36	25.09	26.82	28.56	30.29	32.02	22.6
29.1-31.0	32.4- 34.6	2.60	4.34	6.08	7.83	9.58	11.34	13.09	14.84	16.59	18.35	20.10	21.85	23.60	25.36	27.11	28.86	30.61	32.37	23.1
31.1-33.0	34.7- 36.9	2.61	4.36	6.13	7.89	9.66	11.43	13.20	14.97	16.74	18.51	20.28	22.05	23.81	25.58	27.35	29.12	30.89	32.66	23.6
33.1-35.0	37.1- 39.3	2.62	4.39	6.17	7.95	9.73	11.51	13.30	15.08	16.86	18.65	20.43	22.22	24.00	25.78	27.57	29.35	31.13	32.92	24.1
35.1-37.0	39.4- 41.6	2.63	4.41	6.20	7.99	9.79	11.58	13.38	15.18	16.97	18.77	20.57	22.36	24.16	25.96	27.75	29.55	31.35	33.14	24.5
37.1-39.0	41.7- 44.0	2.63	4.42	6.22	8.03	9.84	11.65	13.45	15.26	17.07	18.88	20.69	22.49	24.30	26.11	27.92	29.73	31.53	33.34	24.8
39.1-41.0	44.1- 46.4	2.63	4.43	6.25	8.06	9.88	11.70	13.52	15.34	17.16	18.97	20.79	22.61	24.43	26.25	28.07	29.88	31.70	33.52	25.1
41.1-43.0	46.5- 48.7	2.63	4.44	6.26	8.09	9.92	11.75	13.57	15.40	17.23	19.06	20.89	22.71	24.54	26.37	28.20	30.03	31.85	33.68	25.3
43.1-45.0	48.9- 51.1	2.63	4.45	6.28	8.11	9.95	11.79	13.62	15.46	17.30	19.13	20.97	22.81	24.64	26.48	28.32	30.15	31.99	33.82	25.6
45.1-47.0	51.3- 53.5	2.63	4.45	6.29	8.13	9.98	11.82	13.67	15.51	17.36	19.20	21.05	22.89	24.74	26.58	28.42	30.27	32.11	33.96	25.8
47.1-49.0	53.7- 56.0	2.62	4.45	6.30	8.15	10.00	11.86	13.71	15.56	17.41	19.26	21.12	22.97	24.82	26.67	28.52	30.37	32.22	34.07	25.9
49.1-51.0	56.1- 58.4	2.62	4.45	6.31	8.17	10.02	11.88	13.74	15.60	17.46	19.32	21.18	23.04	24.89	26.75	28.61	30.47	32.32	34.18	26.1
51.1-53.0	58.5- 60.8	2.61	4.45	6.31	8.18	10.04	11.91	13.77	15.64	17.50	19.37	21.23	23.10	24.96	26.83	28.69	30.55	32.42	34.28	26.2
53.1-55.0	61.0- 63.3	2.61	4.45	6.32	8.19	10.06	11.93	13.80	15.67	17.54	19.41	21.28	23.15	25.02	26.89	28.76	30.63	32.50	34.37	26.3
55.1-57.0	63.4- 65.7	2.60	4.45	6.32	8.20	10.07	11.95	13.83	15.70	17.58	19.46	21.33	23.21	25.08	26.96	28.83	30.70	32.58	34.45	26.4
57.1-59.0	65.9- 68.2	2.59	4.45	6.32	8.20	10.09	11.97	13.85	15.73	17.61	19.49	21.37	23.25	25.13	27.01	28.89	30.77	32.65	34.53	26.5
59.1-61.0	68.3- 70.7	2.59	4.44	6.32	8.21	10.10	11.98	13.87	15.76	17.64	19.53	21.41	23.30	25.18	27.07	28.95	30.83	32.72	34.60	26.6
61.1-63.0	70.8- 73.2	2.58	4.44	6.32	8.21	10.10	12.00	13.89	15.78	17.67	19.56	21.45	23.34	25.23	27.11	29.00	30.89	32.78	34.67	26.7
63.1-65.0	73.3- 75.7	2.57	4.43	6.32	8.22	10.11	12.01	13.90	15.80	17.69	19.59	21.48	23.37	25.27	27.16	29.05	30.94	32.84	34.73	26.7
65.1-67.0	75.9- 78.3	2.56	4.43	6.32	8.22	10.12	12.02	13.92	15.82	17.71	19.61	21.51	23.41	25.30	27.20	29.10	30.99	32.89	34.78	26.8
67.1-69.0	78.4- 80.8	2.55	4.42	6.32	8.22	10.12	12.03	13.93	15.83	17.73	19.64	21.54	23.44	25.34	27.24	29.14	31.04	32.94	34.84	26.8
69.1-71.0	80.9- 83.3	2.54	4.41	6.31	8.22	10.13	12.03	13.94	15.85	17.75	19.66	21.56	23.47	25.37	27.27	29.18	31.08	32.98	34.89	26.8
71.1-73.0	83.5- 85.9	2.54	4.41	6.31	8.22	10.13	12.04	13.95	15.86	17.77	19.68	21.59	23.49	25.40	27.31	29.21	31.12	33.03	34.93	26.9
73.1-75.0	86.0- 88.5	2.53	4.40	6.30	8.22	10.13	12.04	13.96	15.87	17.78	19.70	21.61	23.52	25.43	27.34	29.25	31.16	33.07	34.97	26.9
75.1-77.0	88.6- 91.0	2.52	4.39	6.30	8.21	10.13	12.05	13.97	15.88	17.80	19.71	21.63	23.54	25.45	27.37	29.28	31.19	33.10	35.01	26.9
77.1-79.0	91.2- 93.6	2.51	4.38	6.29	8.21	10.13	12.05	13.97	15.89	17.81	19.73	21.64	23.56	25.48	27.39	29.31	31.22	33.14	35.05	27.0
79.1-81.0	93.8- 96.2	2.50	4.37	6.29	8.21	10.13	12.05	13.98	15.90	17.82	19.74	21.66	23.58	25.50	27.42	29.33	31.25	33.17	35.09	27.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	12.1- 14.2	0.53	0.93	1.31	1.70	2.08	2.47	2.85	3.23	3.61	3.99	4.37	4.75	5.13	5.51	5.89	6.27	6.65	7.03	14.1
13.1-15.0	14.3- 16.4	1.17	2.07	2.99	3.93	4.87	5.82	6.77	7.72	8.67	9.62	10.58	11.53	12.49	13.44	14.40	15.35	16.31	17.26	15.7
15.1-17.0	16.6- 18.7	1.54	2.68	3.85	5.02	6.19	7.37	8.55	9.73	10.92	12.10	13.28	14.46	15.65	16.83	18.01	19.20	20.38	21.57	17.1
17.1-19.0	18.8- 20.9	1.77	3.05	4.35	5.65	6.96	8.28	9.59	10.90	12.22	13.53	14.85	16.16	17.48	18.79	20.11	21.42	22.74	24.05	18.3
19.1-21.0	21.0- 23.2	1.92	3.30	4.69	6.08	7.48	8.89	10.29	11.69	13.10	14.50	15.91	17.31	18.72	20.12	21.53	22.94	24.34	25.75	19.4
21.1-23.0	23.3- 25.4	2.03	3.47	4.93	6.40	7.86	9.33	10.80	12.27	13.75	15.22	16.69	18.16	19.63	21.11	22.58	24.05	25.52	27.00	20.3
23.1-25.0	25.6- 27.7	2.12	3.61	5.12	6.63	8.15	9.68	11.20	12.72	14.25	15.77	17.29	18.82	20.34	21.87	23.39	24.92	26.44	27.97	21.2
25.1-27.0	27.8- 30.0	2.18	3.71	5.26	6.82	8.39	9.95	11.51	13.08	14.64	16.21	17.78	19.34	20.91	22.48	24.04	25.61	27.18	28.74	21.9
27.1-29.0	30.1- 32.3	2.22	3.79	5.38	6.97	8.57	10.17	11.77	13.37	14.97	16.57	18.17	19.78	21.38	22.98	24.58	26.18	27.78	29.39	22.6
29.1-31.0	32.4- 34.6	2.26	3.86	5.48	7.10	8.73	10.35	11.98	13.61	15.24	16.87	18.51	20.14	21.77	23.40	25.03	26.66	28.29	29.92	23.1
31.1-33.0	34.7- 36.9	2.29	3.91	5.55	7.20	8.86	10.51	12.16	13.82	15.48	17.13	18.79	20.44	22.10	23.76	25.41	27.07	28.73	30.38	23.6
33.1-35.0	37.1- 39.3	2.31	3.96	5.62	7.29	8.97	10.64	12.32	14.00	15.67	17.35	19.03	20.71	22.39	24.06	25.74	27.42	29.10	30.78	24.1
35.1-37.0	39.4- 41.6	2.33	3.99	5.68	7.37	9.06	10.75	12.45	14.15	15.84	17.54	19.24	20.94	22.63	24.33	26.03	27.73	29.43	31.12	24.5
37.1-39.0	41.7- 44.0	2.35	4.02	5.72	7.43	9.14	10.85	12.57	14.28	15.99	17.71	19.42	21.14	22.85	24.57	26.28	28.00	29.71	31.43	24.8
39.1-41.0	44.1- 46.4	2.36	4.05	5.76	7.48	9.21	10.94	12.67	14.40	16.13	17.86	19.59	21.32	23.05	24.78	26.51	28.24	29.97	31.70	25.1
41.1-43.0	46.5- 48.7	2.36	4.07	5.80	7.53	9.27	11.01	12.76	14.50	16.24	17.99	19.73	21.47	23.22	24.96	26.71	28.45	30.19	31.94	25.3
43.1-45.0	48.9- 51.1	2.37	4.08	5.82	7.57	9.33	11.08	12.84	14.59	16.35	18.10	19.86	21.62	23.37	25.13	26.89	28.64	30.40	32.16	25.6
45.1-47.0	51.3- 53.5	2.37	4.10	5.85	7.61	9.37	11.14	12.91	14.67	16.44	18.21	19.98	21.74	23.51	25.28	27.05	28.81	30.58	32.35	25.8
47.1-49.0	53.7- 56.0	2.37	4.11	5.87	7.64	9.41	11.19	12.97	14.75	16.52	18.30	20.08	21.86	23.64	25.41	27.19	28.97	30.75	32.53	25.9
49.1-51.0	56.1- 58.4	2.38	4.12	5.89	7.67	9.45	11.24	13.02	14.81	16.60	18.39	20.17	21.96	23.75	25.54	27.33	29.11	30.90	32.69	26.1
51.1-53.0	58.5- 60.8	2.37	4.12	5.90	7.69	9.48	11.28	13.07	14.87	16.67	18.46	20.26	22.06	23.85	25.65	27.45	29.24	31.04	32.84	26.2
53.1-55.0	61.0- 63.3	2.37	4.13	5.91	7.71	9.51	11.32	13.12	14.92	16.73	18.53	20.34	22.14	23.95	25.75	27.56	29.36	31.17	32.97	26.3
55.1-57.0	63.4- 65.7	2.37	4.13	5.92	7.73	9.54	11.35	13.16	14.97	16.78	18.60	20.41	22.22	24.03	25.85	27.66	29.47	31.28	33.09	26.4
57.1-59.0	65.9- 68.2	2.37	4.13	5.93	7.74	9.56	11.38	13.20	15.02	16.83	18.65	20.47	22.29	24.11	25.93	27.75	29.57	31.39	33.21	26.5
59.1-61.0	68.3- 70.7	2.36	4.13	5.94	7.76	9.58	11.40	13.23	15.06	16.88	18.71	20.53	22.36	24.19	26.01	27.84	29.66	31.49	33.31	26.6
61.1-63.0	70.8- 73.2	2.36	4.13	5.94	7.77	9.60	11.43	13.26	15.09	16.92	18.76	20.59	22.42	24.25	26.08	27.92	29.75	31.58	33.41	26.7
63.1-65.0	73.3- 75.7	2.35	4.13	5.95	7.78	9.61	11.45	13.29	15.12	16.96	18.80	20.64	22.48	24.31	26.15	27.99	29.83	31.67	33.50	26.7
65.1-67.0	75.9- 78.3	2.35	4.13	5.95	7.79	9.63	11.47	13.31	15.15	17.00	18.84	20.69	22.53	24.37	26.22	28.06	29.90	31.75	33.59	26.8
67.1-69.0	78.4- 80.8	2.34	4.13	5.95	7.79	9.64	11.48	13.33	15.18	17.03	18.88	20.73	22.58	24.43	26.27	28.12	29.97	31.82	33.67	26.8
69.1-71.0	80.9- 83.3	2.34	4.12	5.95	7.80	9.65	11.50	13.35	15.21	17.06	18.91	20.77	22.62	24.48	26.33	28.18	30.03	31.89	33.74	26.8
71.1-73.0	83.5- 85.9	2.33	4.12	5.95	7.80	9.66	11.51	13.37	15.23	17.09	18.95	20.80	22.66	24.52	26.38	28.24	30.09	31.95	33.81	26.9
73.1-75.0	86.0- 88.5	2.32	4.11	5.95	7.80	9.66	11.52	13.39	15.25	17.11	18.98	20.84	22.70	24.56	26.43	28.29	30.15	32.01	33.87	26.9
75.1-77.0	88.6- 91.0	2.32	4.11	5.95	7.81	9.67	11.53	13.40	15.27	17.14	19.00	20.87	22.74	24.60	26.47	28.34	30.20	32.07	33.93	26.9
77.1-79.0	91.2- 93.6	2.31	4.10	5.95	7.81	9.67	11.54	13.41	15.29	17.16	19.03	20.90	22.77	24.64	26.51	28.38	30.25	32.12	33.99	27.0
79.1-81.0	93.8- 96.2	2.30	4.10	5.94	7.81	9.68	11.55	13.43	15.30	17.18	19.05	20.93	22.80	24.67	26.55	28.42	30.30	32.17	34.04	27.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	12.1- 14.2	0.13	0.24	0.35	0.45	0.55	0.64	0.74	0.84	0.94	1.04	1.13	1.23	1.33	1.43	1.53	1.63	1.72	1.82	14.1
13.1-15.0	14.3- 16.4	0.78	1.38	2.00	2.63	3.26	3.89	4.53	5.17	5.82	6.46	7.11	7.75	8.40	9.04	9.69	10.34	10.98	11.63	15.7
15.1-17.0	16.6- 18.7	1.25	2.22	3.22	4.23	5.24	6.26	7.28	8.31	9.33	10.36	11.39	12.41	13.44	14.47	15.50	16.53	17.56	18.59	17.1
17.1-19.0	18.8- 20.9	1.55	2.70	3.89	5.08	6.28	7.49	8.69	9.90	11.10	12.31	13.52	14.73	15.93	17.14	18.35	19.56	20.77	21.98	18.3
19.1-21.0	21.0- 23.2	1.74	3.02	4.32	5.63	6.94	8.26	9.58	10.90	12.22	13.54	14.86	16.19	17.51	18.83	20.15	21.47	22.80	24.12	19.4
21.1-23.0	23.3- 25.4	1.87	3.23	4.62	6.01	7.41	8.81	10.21	11.61	13.01	14.41	15.82	17.22	18.62	20.03	21.43	22.83	24.24	25.64	20.3
23.1-25.0	25.6- 27.7	1.97	3.40	4.84	6.30	7.76	9.22	10.68	12.14	13.61	15.07	16.54	18.00	19.47	20.93	22.40	23.86	25.33	26.79	21.2
25.1-27.0	27.8- 30.0	2.05	3.52	5.02	6.52	8.03	9.54	11.05	12.56	14.08	15.59	17.10	18.62	20.13	21.65	23.16	24.68	26.19	27.70	21.9
27.1-29.0	30.1- 32.3	2.10	3.62	5.16	6.70	8.25	9.80	11.35	12.90	14.46	16.01	17.57	19.12	20.67	22.23	23.78	25.34	26.89	28.45	22.6
29.1-31.0	32.4- 34.6	2.15	3.70	5.27	6.85	8.43	10.01	11.60	13.19	14.77	16.36	17.95	19.54	21.12	22.71	24.30	25.89	27.48	29.07	23.1
31.1-33.0	34.7- 36.9	2.19	3.76	5.36	6.97	8.58	10.19	11.81	13.42	15.04	16.65	18.27	19.89	21.50	23.12	24.74	26.36	27.97	29.59	23.6
33.1-35.0	37.1- 39.3	2.21	3.81	5.44	7.07	8.71	10.34	11.98	13.62	15.26	16.91	18.55	20.19	21.83	23.47	25.11	26.76	28.40	30.04	24.1
35.1-37.0	39.4- 41.6	2.24	3.86	5.50	7.16	8.81	10.47	12.13	13.80	15.46	17.12	18.79	20.45	22.11	23.78	25.44	27.10	28.77	30.43	24.5
37.1-39.0	41.7- 44.0	2.25	3.89	5.56	7.23	8.91	10.59	12.27	13.95	15.63	17.31	18.99	20.68	22.36	24.04	25.73	27.41	29.09	30.78	24.8
39.1-41.0	44.1- 46.4	2.27	3.92	5.60	7.29	8.99	10.68	12.38	14.08	15.78	17.48	19.18	20.88	22.58	24.28	25.98	27.68	29.38	31.08	25.1
41.1-43.0	46.5- 48.7	2.28	3.95	5.64	7.35	9.06	10.77	12.48	14.20	15.91	17.63	19.34	21.06	22.77	24.49	26.20	27.92	29.63	31.35	25.3
43.1-45.0	48.9- 51.1	2.29	3.97	5.68	7.40	9.12	10.85	12.57	14.30	16.03	17.76	19.49	21.22	22.95	24.67	26.40	28.13	29.86	31.59	25.6
45.1-47.0	51.3- 53.5	2.29	3.98	5.70	7.44	9.17	10.91	12.65	14.39	16.13	17.88	19.62	21.36	23.10	24.84	26.59	28.33	30.07	31.81	25.8
47.1-49.0	53.7- 56.0	2.30	4.00	5.73	7.47	9.22	10.97	12.72	14.48	16.23	17.98	19.73	21.49	23.24	25.00	26.75	28.50	30.26	32.01	25.9
49.1-51.0	56.1- 58.4	2.30	4.01	5.75	7.50	9.26	11.02	12.79	14.55	16.31	18.08	19.84	21.60	23.37	25.13	26.90	28.66	30.43	32.19	26.1
51.1-53.0	58.5- 60.8	2.30	4.02	5.77	7.53	9.30	11.07	12.84	14.62	16.39	18.16	19.94	21.71	23.48	25.26	27.03	28.81	30.58	32.35	26.2
53.1-55.0	61.0- 63.3	2.30	4.02	5.78	7.56	9.33	11.11	12.90	14.68	16.46	18.24	20.03	21.81	23.59	25.37	27.16	28.94	30.72	32.50	26.3
55.1-57.0	63.4- 65.7	2.30	4.03	5.80	7.58	9.36	11.15	12.94	14.73	16.52	18.31	20.11	21.90	23.69	25.48	27.27	29.06	30.85	32.64	26.4
57.1-59.0	65.9- 68.2	2.30	4.03	5.81	7.60	9.39	11.19	12.98	14.78	16.58	18.38	20.18	21.98	23.78	25.58	27.37	29.17	30.97	32.77	26.5
59.1-61.0	68.3- 70.7	2.30	4.04	5.82	7.61	9.41	11.22	13.02	14.83	16.63	18.44	20.25	22.05	23.86	25.66	27.47	29.28	31.08	32.89	26.6
61.1-63.0	70.8- 73.2	2.29	4.04	5.82	7.63	9.43	11.24	13.06	14.87	16.68	18.49	20.31	22.12	23.93	25.75	27.56	29.37	31.19	33.00	26.7
63.1-65.0	73.3- 75.7	2.29	4.04	5.83	7.64	9.45	11.27	13.09	14.91	16.73	18.54	20.36	22.18	24.00	25.82	27.64	29.46	31.28	33.10	26.7
65.1-67.0	75.9- 78.3	2.28	4.04	5.83	7.65	9.47	11.29	13.12	14.94	16.77	18.59	20.42	22.24	24.07	25.89	27.72	29.54	31.37	33.19	26.8
67.1-69.0	78.4- 80.8	2.28	4.03	5.84	7.66	9.48	11.31	13.14	14.97	16.80	18.63	20.47	22.30	24.13	25.96	27.79	29.62	31.45	33.28	26.8
69.1-71.0	80.9- 83.3	2.27	4.03	5.84	7.66	9.49	11.33	13.16	15.00	16.84	18.67	20.51	22.35	24.18	26.02	27.86	29.69	31.53	33.36	26.8
71.1-73.0	83.5- 85.9	2.27	4.03	5.84	7.67	9.51	11.34	13.19	15.03	16.87	18.71	20.55	22.39	24.23	26.08	27.92	29.76	31.60	33.44	26.9
73.1-75.0	86.0- 88.5	2.26	4.03	5.84	7.67	9.51	11.36	13.20	15.05	16.90	18.74	20.59	22.44	24.28	26.13	27.97	29.82	31.67	33.51	26.9
75.1-77.0	88.6- 91.0	2.26	4.02	5.84	7.68	9.52	11.37	13.22	15.07	16.92	18.77	20.63	22.48	24.33	26.18	28.03	29.88	31.73	33.58	26.9
77.1-79.0	91.2- 93.6	2.25	4.02	5.84	7.68	9.53	11.38	13.24	15.09	16.95	18.80	20.66	22.51	24.37	26.22	28.08	29.93	31.79	33.64	27.0
79.1-81.0	93.8- 96.2	2.24	4.01	5.84	7.68	9.54	11.39	13.25	15.11	16.97	18.83	20.69	22.55	24.41	26.27	28.13	29.98	31.84	33.70	27.0

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: HARDWOOD
NATURAL REGIONS: 9, 11

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	14.3- 16.4	0.10	0.19	0.27	0.35	0.42	0.50	0.57	0.65	0.72	0.80	0.87	0.95	1.02	1.10	1.18	1.25	1.33	1.40	15.7
15.1-17.0	16.6- 18.7	0.61	1.08	1.54	2.00	2.47	2.93	3.40	3.87	4.33	4.80	5.26	5.73	6.20	6.66	7.13	7.60	8.06	8.53	17.1
17.1-19.0	18.8- 20.9	1.04	1.86	2.72	3.60	4.49	5.38	6.28	7.19	8.09	9.00	9.90	10.81	11.72	12.63	13.54	14.45	15.36	16.27	18.3
19.1-21.0	21.0- 23.2	1.33	2.37	3.44	4.54	5.64	6.74	7.85	8.96	10.08	11.19	12.31	13.42	14.54	15.65	16.77	17.89	19.00	20.12	19.4
21.1-23.0	23.3- 25.4	1.53	2.70	3.91	5.13	6.37	7.60	8.84	10.08	11.32	12.56	13.80	15.04	16.28	17.53	18.77	20.01	21.25	22.50	20.3
23.1-25.0	25.6- 27.7	1.67	2.94	4.24	5.56	6.88	8.20	9.53	10.86	12.19	13.52	14.85	16.18	17.51	18.84	20.17	21.51	22.84	24.17	21.2
25.1-27.0	27.8- 30.0	1.78	3.12	4.49	5.87	7.26	8.65	10.05	11.45	12.84	14.24	15.64	17.04	18.44	19.84	21.24	22.64	24.03	25.43	21.9
27.1-29.0	30.1- 32.3	1.86	3.25	4.68	6.12	7.56	9.01	10.46	11.91	13.36	14.81	16.26	17.72	19.17	20.62	22.07	23.53	24.98	26.43	22.6
29.1-31.0	32.4- 34.6	1.92	3.36	4.83	6.31	7.80	9.29	10.79	12.28	13.78	15.27	16.77	18.27	19.76	21.26	22.76	24.25	25.75	27.25	23.1
31.1-33.0	34.7- 36.9	1.97	3.45	4.96	6.48	8.00	9.53	11.06	12.59	14.12	15.66	17.19	18.72	20.26	21.79	23.32	24.86	26.39	27.93	23.6
33.1-35.0	37.1- 39.3	2.01	3.52	5.06	6.61	8.17	9.73	11.29	12.85	14.42	15.98	17.55	19.11	20.68	22.24	23.81	25.37	26.94	28.50	24.1
35.1-37.0	39.4- 41.6	2.05	3.58	5.15	6.72	8.31	9.90	11.49	13.08	14.67	16.26	17.85	19.44	21.03	22.63	24.22	25.81	27.41	29.00	24.5
37.1-39.0	41.7- 44.0	2.07	3.63	5.22	6.82	8.43	10.04	11.65	13.27	14.88	16.50	18.11	19.73	21.35	22.96	24.58	26.20	27.81	29.43	24.8
39.1-41.0	44.1- 46.4	2.10	3.67	5.28	6.90	8.53	10.17	11.80	13.44	15.07	16.71	18.35	19.98	21.62	23.26	24.90	26.53	28.17	29.81	25.1
41.1-43.0	46.5- 48.7	2.11	3.71	5.33	6.98	8.62	10.28	11.93	13.58	15.24	16.89	18.55	20.21	21.86	23.52	25.18	26.83	28.49	30.15	25.3
43.1-45.0	48.9- 51.1	2.13	3.74	5.38	7.04	8.70	10.37	12.04	13.71	15.39	17.06	18.73	20.41	22.08	23.75	25.43	27.10	28.77	30.45	25.6
45.1-47.0	51.3- 53.5	2.14	3.76	5.42	7.09	8.77	10.46	12.14	13.83	15.52	17.21	18.89	20.58	22.27	23.96	25.65	27.34	29.03	30.72	25.8
47.1-49.0	53.7- 56.0	2.15	3.78	5.45	7.14	8.84	10.53	12.23	13.93	15.64	17.34	19.04	20.74	22.45	24.15	25.85	27.56	29.26	30.96	25.9
49.1-51.0	56.1- 58.4	2.15	3.80	5.48	7.18	8.89	10.60	12.31	14.03	15.74	17.46	19.17	20.89	22.60	24.32	26.03	27.75	29.47	31.18	26.1
51.1-53.0	58.5- 60.8	2.16	3.81	5.51	7.22	8.94	10.66	12.39	14.11	15.84	17.56	19.29	21.02	22.75	24.47	26.20	27.93	29.66	31.38	26.2
53.1-55.0	61.0- 63.3	2.16	3.82	5.53	7.25	8.98	10.72	12.45	14.19	15.92	17.66	19.40	21.14	22.88	24.61	26.35	28.09	29.83	31.57	26.3
55.1-57.0	63.4- 65.7	2.17	3.83	5.55	7.28	9.02	10.76	12.51	14.26	16.00	17.75	19.50	21.25	22.99	24.74	26.49	28.24	29.99	31.74	26.4
57.1-59.0	65.9- 68.2	2.17	3.84	5.57	7.31	9.06	10.81	12.56	14.32	16.07	17.83	19.59	21.35	23.10	24.86	26.62	28.38	30.14	31.89	26.5
59.1-61.0	68.3- 70.7	2.17	3.85	5.58	7.33	9.09	10.85	12.61	14.37	16.14	17.91	19.67	21.44	23.20	24.97	26.74	28.50	30.27	32.04	26.6
61.1-63.0	70.8- 73.2	2.17	3.85	5.59	7.35	9.11	10.88	12.65	14.43	16.20	17.97	19.75	21.52	23.30	25.07	26.85	28.62	30.40	32.17	26.7
63.1-65.0	73.3- 75.7	2.16	3.86	5.60	7.37	9.14	10.92	12.69	14.47	16.26	18.04	19.82	21.60	23.38	25.16	26.95	28.73	30.51	32.29	26.7
65.1-67.0	75.9- 78.3	2.16	3.86	5.61	7.38	9.16	10.94	12.73	14.52	16.31	18.09	19.88	21.67	23.46	25.25	27.04	28.83	30.62	32.41	26.8
67.1-69.0	78.4- 80.8	2.16	3.86	5.62	7.39	9.18	10.97	12.76	14.56	16.35	18.15	19.94	21.74	23.53	25.33	27.13	28.92	30.72	32.51	26.8
69.1-71.0	80.9- 83.3	2.16	3.86	5.62	7.40	9.20	10.99	12.79	14.59	16.40	18.20	20.00	21.80	23.60	25.41	27.21	29.01	30.81	32.61	26.8
71.1-73.0	83.5- 85.9	2.15	3.86	5.63	7.41	9.21	11.02	12.82	14.63	16.43	18.24	20.05	21.86	23.67	25.47	27.28	29.09	30.90	32.71	26.9
73.1-75.0	86.0- 88.5	2.15	3.86	5.63	7.42	9.23	11.03	12.85	14.66	16.47	18.28	20.10	21.91	23.73	25.54	27.35	29.17	30.98	32.79	26.9
75.1-77.0	88.6- 91.0	2.14	3.85	5.63	7.43	9.24	11.05	12.87	14.69	16.50	18.32	20.14	21.96	23.78	25.60	27.42	29.24	31.06	32.88	26.9
77.1-79.0	91.2- 93.6	2.14	3.85	5.63	7.43	9.25	11.07	12.89	14.71	16.54	18.36	20.18	22.01	23.83	25.66	27.48	29.31	31.13	32.95	27.0
79.1-81.0	93.8- 96.2	2.13	3.85	5.63	7.44	9.26	11.08	12.91	14.74	16.56	18.39	20.22	22.05	23.88	25.71	27.54	29.37	31.20	33.03	27.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	16.6- 18.7	0.09	0.17	0.23	0.29	0.35	0.41	0.47	0.53	0.59	0.65	0.71	0.77	0.83	0.90	0.96	1.02	1.08	1.14	17.1
17.1-19.0	18.8- 20.9	0.50	0.87	1.22	1.57	1.91	2.25	2.59	2.93	3.26	3.60	3.93	4.26	4.59	4.92	5.26	5.59	5.92	6.25	18.3
19.1-21.0	21.0- 23.2	0.87	1.57	2.30	3.05	3.81	4.57	5.35	6.12	6.90	7.68	8.47	9.25	10.04	10.83	11.61	12.40	13.19	13.98	19.4
21.1-23.0	23.3- 25.4	1.15	2.07	3.04	4.03	5.03	6.04	7.06	8.08	9.10	10.12	11.14	12.17	13.19	14.22	15.24	16.27	17.30	18.32	20.3
23.1-25.0	25.6- 27.7	1.35	2.42	3.54	4.67	5.82	6.98	8.13	9.30	10.46	11.62	12.79	13.95	15.12	16.28	17.45	18.62	19.79	20.95	21.2
25.1-27.0	27.8- 30.0	1.49	2.67	3.89	5.13	6.38	7.63	8.89	10.15	11.41	12.67	13.93	15.20	16.46	17.72	18.99	20.25	21.52	22.78	21.9
27.1-29.0	30.1- 32.3	1.60	2.86	4.16	5.47	6.79	8.12	9.45	10.79	12.12	13.46	14.79	16.13	17.47	18.80	20.14	21.48	22.82	24.16	22.6
29.1-31.0	32.4- 34.6	1.69	3.01	4.36	5.74	7.12	8.51	9.90	11.29	12.68	14.07	15.47	16.86	18.26	19.65	21.05	22.45	23.84	25.24	23.1
31.1-33.0	34.7- 36.9	1.76	3.12	4.53	5.95	7.38	8.82	10.25	11.69	13.13	14.58	16.02	17.46	18.90	20.35	21.79	23.23	24.68	26.12	23.6
33.1-35.0	37.1- 39.3	1.82	3.22	4.67	6.13	7.60	9.07	10.55	12.03	13.51	14.99	16.47	17.96	19.44	20.92	22.40	23.89	25.37	26.85	24.1
35.1-37.0	39.4- 41.6	1.86	3.30	4.78	6.28	7.78	9.29	10.80	12.31	13.83	15.34	16.86	18.38	19.89	21.41	22.93	24.44	25.96	27.48	24.5
37.1-39.0	41.7- 44.0	1.90	3.36	4.87	6.40	7.93	9.47	11.01	12.56	14.10	15.65	17.19	18.74	20.28	21.83	23.38	24.92	26.47	28.02	24.8
39.1-41.0	44.1- 46.4	1.93	3.42	4.95	6.51	8.07	9.63	11.20	12.77	14.34	15.91	17.48	19.05	20.62	22.20	23.77	25.34	26.91	28.49	25.1
41.1-43.0	46.5- 48.7	1.95	3.47	5.02	6.60	8.18	9.77	11.36	12.95	14.54	16.14	17.73	19.33	20.92	22.52	24.11	25.71	27.30	28.90	25.3
43.1-45.0	48.9- 51.1	1.97	3.50	5.08	6.68	8.28	9.89	11.50	13.11	14.73	16.34	17.96	19.57	21.19	22.80	24.42	26.03	27.65	29.27	25.6
45.1-47.0	51.3- 53.5	1.99	3.54	5.13	6.75	8.37	10.00	11.62	13.26	14.89	16.52	18.15	19.79	21.42	23.06	24.69	26.33	27.96	29.59	25.8
47.1-49.0	53.7- 56.0	2.00	3.57	5.18	6.81	8.45	10.09	11.74	13.38	15.03	16.68	18.33	19.98	21.63	23.28	24.94	26.59	28.24	29.89	25.9
49.1-51.0	56.1- 58.4	2.02	3.59	5.22	6.86	8.52	10.17	11.84	13.50	15.16	16.83	18.49	20.16	21.82	23.49	25.16	26.82	28.49	30.16	26.1
51.1-53.0	58.5- 60.8	2.02	3.61	5.25	6.91	8.58	10.25	11.92	13.60	15.28	16.96	18.64	20.32	22.00	23.68	25.36	27.04	28.72	30.40	26.2
53.1-55.0	61.0- 63.3	2.03	3.63	5.28	6.95	8.63	10.32	12.00	13.69	15.38	17.08	18.77	20.46	22.15	23.85	25.54	27.23	28.93	30.62	26.3
55.1-57.0	63.4- 65.7	2.04	3.64	5.31	6.99	8.68	10.38	12.08	13.78	15.48	17.18	18.89	20.59	22.30	24.00	25.71	27.41	29.12	30.82	26.4
57.1-59.0	65.9- 68.2	2.04	3.66	5.33	7.02	8.72	10.43	12.14	13.85	15.57	17.28	19.00	20.71	22.43	24.14	25.86	27.58	29.29	31.01	26.5
59.1-61.0	68.3- 70.7	2.04	3.67	5.35	7.05	8.76	10.48	12.20	13.92	15.65	17.37	19.10	20.82	22.55	24.27	26.00	27.73	29.45	31.18	26.6
61.1-63.0	70.8- 73.2	2.05	3.68	5.36	7.08	8.80	10.52	12.26	13.99	15.72	17.45	19.19	20.92	22.66	24.39	26.13	27.87	29.60	31.34	26.7
63.1-65.0	73.3- 75.7	2.05	3.68	5.38	7.10	8.83	10.57	12.30	14.05	15.79	17.53	19.27	21.02	22.76	24.51	26.25	28.00	29.74	31.48	26.7
65.1-67.0	75.9- 78.3	2.05	3.69	5.39	7.12	8.86	10.60	12.35	14.10	15.85	17.60	19.35	21.10	22.86	24.61	26.36	28.11	29.87	31.62	26.8
67.1-69.0	78.4- 80.8	2.05	3.69	5.40	7.14	8.88	10.64	12.39	14.15	15.91	17.67	19.42	21.18	22.94	24.71	26.47	28.23	29.99	31.75	26.8
69.1-71.0	80.9- 83.3	2.05	3.69	5.41	7.15	8.91	10.67	12.43	14.19	15.96	17.72	19.49	21.26	23.03	24.79	26.56	28.33	30.10	31.87	26.8
71.1-73.0	83.5- 85.9	2.04	3.70	5.42	7.17	8.93	10.69	12.46	14.23	16.01	17.78	19.55	21.33	23.10	24.88	26.65	28.43	30.20	31.98	26.9
73.1-75.0	86.0- 88.5	2.04	3.70	5.42	7.18	8.94	10.72	12.49	14.27	16.05	17.83	19.61	21.39	23.17	24.95	26.74	28.52	30.30	32.08	26.9
75.1-77.0	88.6- 91.0	2.04	3.70	5.43	7.19	8.96	10.74	12.52	14.31	16.09	17.88	19.67	21.45	23.24	25.03	26.81	28.60	30.39	32.18	26.9
77.1-79.0	91.2- 93.6	2.04	3.70	5.43	7.20	8.98	10.76	12.55	14.34	16.13	17.92	19.72	21.51	23.30	25.09	26.89	28.68	30.48	32.27	27.0
79.1-81.0	93.8- 96.2	2.03	3.70	5.44	7.21	8.99	10.78	12.57	14.37	16.17	17.96	19.76	21.56	23.36	25.16	26.96	28.76	30.56	32.35	27.0

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

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

SPECIES: HARDWOOD
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	5.6- 7.7	0.00	0.04	0.09	0.14	0.20	0.25	0.31	0.36	0.42	0.47	0.53	0.59	0.64	0.70	0.75	0.81	0.86	0.92	6.3
7.1- 9.0	7.8- 9.9	1.46	2.55	3.66	4.77	5.89	7.02	8.14	9.27	10.39	11.52	12.64	13.77	14.90	16.02	17.15	18.28	19.41	20.53	8.1
9.1-11.0	10.0- 12.1	2.01	3.40	4.81	6.22	7.64	9.05	10.47	11.89	13.30	14.72	16.14	17.56	18.97	20.39	21.81	23.23	24.64	26.06	9.8
11.1-13.0	12.3- 14.4	2.26	3.79	5.34	6.89	8.44	9.99	11.54	13.10	14.65	16.20	17.76	19.31	20.86	22.42	23.97	25.53	27.08	28.64	11.5
13.1-15.0	14.5- 16.6	2.39	4.01	5.64	7.27	8.91	10.55	12.18	13.82	15.46	17.09	18.73	20.37	22.00	23.64	25.28	26.92	28.55	30.19	13.0
15.1-17.0	16.7- 18.9	2.48	4.15	5.84	7.53	9.22	10.91	12.61	14.30	16.00	17.69	19.38	21.08	22.77	24.47	26.16	27.85	29.55	31.24	14.5
17.1-19.0	19.0- 21.1	2.53	4.24	5.97	7.71	9.44	11.18	12.91	14.65	16.38	18.12	19.85	21.59	23.32	25.06	26.80	28.53	30.27	32.00	15.8
19.1-21.0	21.3- 23.4	2.56	4.31	6.07	7.83	9.60	11.37	13.13	14.90	16.67	18.44	20.20	21.97	23.74	25.51	27.27	29.04	30.81	32.58	17.0
21.1-23.0	23.5- 25.7	2.58	4.35	6.14	7.93	9.72	11.51	13.30	15.10	16.89	18.68	20.47	22.27	24.06	25.85	27.64	29.44	31.23	33.02	18.2
23.1-25.0	25.8- 28.0	2.59	4.38	6.19	8.00	9.81	11.62	13.44	15.25	17.06	18.88	20.69	22.50	24.31	26.13	27.94	29.75	31.56	33.38	19.2
25.1-27.0	28.1- 30.3	2.59	4.40	6.22	8.05	9.88	11.71	13.54	15.37	17.20	19.03	20.86	22.69	24.52	26.35	28.18	30.01	31.84	33.67	20.1
27.1-29.0	30.4- 32.6	2.59	4.41	6.25	8.09	9.93	11.78	13.62	15.47	17.31	19.16	21.00	22.84	24.69	26.53	28.37	30.22	32.06	33.90	21.0
29.1-31.0	32.7- 34.9	2.58	4.41	6.26	8.12	9.98	11.83	13.69	15.55	17.40	19.26	21.11	22.97	24.82	26.68	28.54	30.39	32.25	34.10	21.7
31.1-33.0	35.0- 37.2	2.57	4.41	6.27	8.14	10.01	11.87	13.74	15.61	17.48	19.34	21.21	23.07	24.94	26.81	28.67	30.54	32.40	34.27	22.4
33.1-35.0	37.4- 39.6	2.56	4.41	6.28	8.15	10.03	11.91	13.78	15.66	17.54	19.41	21.29	23.16	25.04	26.91	28.79	30.66	32.53	34.41	23.1
35.1-37.0	39.7- 41.9	2.55	4.40	6.28	8.16	10.05	11.93	13.82	15.70	17.58	19.47	21.35	23.23	25.12	27.00	28.88	30.76	32.65	34.53	23.7
37.1-39.0	42.0- 44.3	2.54	4.39	6.28	8.17	10.06	11.95	13.84	15.73	17.62	19.51	21.41	23.30	25.18	27.07	28.96	30.85	32.74	34.63	24.2
39.1-41.0	44.4- 46.6	2.52	4.38	6.27	8.16	10.06	11.96	13.86	15.76	17.66	19.55	21.45	23.35	25.24	27.14	29.03	30.93	32.82	34.72	24.7
41.1-43.0	46.8- 49.0	2.50	4.37	6.26	8.16	10.07	11.97	13.87	15.78	17.68	19.58	21.49	23.39	25.29	27.19	29.09	30.99	32.89	34.79	25.1
43.1-45.0	49.1- 51.4	2.49	4.35	6.25	8.15	10.06	11.97	13.88	15.79	17.70	19.61	21.52	23.42	25.33	27.24	29.14	31.05	32.95	34.86	25.5
45.1-47.0	51.5- 53.8	2.47	4.33	6.23	8.15	10.06	11.98	13.89	15.80	17.72	19.63	21.54	23.45	25.36	27.28	29.19	31.10	33.01	34.92	25.8
47.1-49.0	53.9- 56.2	2.45	4.31	6.22	8.13	10.05	11.97	13.89	15.81	17.73	19.64	21.56	23.48	25.39	27.31	29.22	31.14	33.05	34.96	26.2
49.1-51.0	56.3- 58.6	2.43	4.29	6.20	8.12	10.04	11.97	13.89	15.81	17.73	19.66	21.58	23.50	25.42	27.33	29.25	31.17	33.09	35.01	26.4
51.1-53.0	58.7- 61.0	2.41	4.27	6.18	8.11	10.03	11.96	13.89	15.81	17.74	19.66	21.59	23.51	25.43	27.36	29.28	31.20	33.12	35.04	26.7
53.1-55.0	61.1- 63.4	2.39	4.25	6.16	8.09	10.02	11.95	13.88	15.81	17.74	19.67	21.59	23.52	25.45	27.37	29.30	31.22	33.15	35.07	26.9
55.1-57.0	63.6- 65.9	2.37	4.23	6.14	8.07	10.00	11.94	13.87	15.81	17.74	19.67	21.60	23.53	25.46	27.39	29.31	31.24	33.17	35.10	27.1
57.1-59.0	66.0- 68.3	2.35	4.21	6.12	8.05	9.99	11.93	13.86	15.80	17.73	19.67	21.60	23.53	25.46	27.40	29.33	31.26	33.19	35.12	27.3
59.1-61.0	68.4- 70.8	2.33	4.19	6.10	8.03	9.97	11.91	13.85	15.79	17.73	19.66	21.60	23.53	25.47	27.40	29.34	31.27	33.20	35.13	27.5
61.1-63.0	70.9- 73.2	2.31	4.16	6.08	8.01	9.95	11.89	13.84	15.78	17.72	19.66	21.60	23.53	25.47	27.41	29.34	31.28	33.21	35.15	27.7
63.1-65.0	73.3- 75.7	2.29	4.14	6.05	7.99	9.93	11.88	13.82	15.76	17.71	19.65	21.59	23.53	25.47	27.41	29.34	31.28	33.22	35.16	27.8
65.1-67.0	75.8- 78.2	2.27	4.12	6.03	7.97	9.91	11.86	13.80	15.75	17.69	19.64	21.58	23.52	25.47	27.41	29.35	31.28	33.22	35.16	27.9
67.1-69.0	78.3- 80.7	2.25	4.09	6.00	7.94	9.89	11.84	13.79	15.73	17.68	19.63	21.57	23.52	25.46	27.40	29.34	31.29	33.23	35.17	28.0
69.1-71.0	80.8- 83.2	2.24	4.07	5.98	7.92	9.86	11.82	13.77	15.72	17.67	19.61	21.56	23.51	25.45	27.40	29.34	31.28	33.23	35.17	28.1
71.1-73.0	83.3- 85.7	2.22	4.04	5.95	7.89	9.84	11.79	13.75	15.70	17.65	19.60	21.55	23.50	25.44	27.39	29.33	31.28	33.22	35.17	28.2
73.1-75.0	85.8- 88.2	2.20	4.02	5.93	7.87	9.82	11.77	13.72	15.68	17.63	19.58	21.53	23.48	25.43	27.38	29.33	31.27	33.22	35.16	28.3
75.1-77.0	88.3- 90.7	2.18	4.00	5.90	7.84	9.79	11.75	13.70	15.66	17.61	19.57	21.52	23.47	25.42	27.37	29.32	31.27	33.21	35.16	28.4
77.1-79.0	90.8- 93.2	2.16	3.97	5.88	7.81	9.77	11.72	13.68	15.64	17.59	19.55	21.50	23.45	25.41	27.36	29.31	31.26	33.20	35.15	28.5
79.1-81.0	93.4- 95.8	2.14	3.95	5.85	7.79	9.74	11.70	13.65	15.61	17.57	19.53	21.48	23.44	25.39	27.34	29.29	31.24	33.20	35.14	28.5

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

SPECIES: HARDWOOD
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	7.8- 9.9	0.00	0.04	0.08	0.13	0.17	0.21	0.25	0.30	0.34	0.38	0.43	0.47	0.52	0.56	0.61	0.65	0.70	0.74	8.1
9.1-11.0	10.0- 12.1	1.05	1.89	2.76	3.66	4.56	5.48	6.40	7.32	8.24	9.16	10.09	11.02	11.94	12.87	13.80	14.73	15.66	16.59	9.8
11.1-13.0	12.3- 14.4	1.62	2.84	4.10	5.37	6.64	7.92	9.19	10.47	11.75	13.04	14.32	15.60	16.88	18.16	19.44	20.73	22.01	23.29	11.5
13.1-15.0	14.5- 16.6	1.90	3.29	4.71	6.14	7.57	9.01	10.45	11.88	13.32	14.76	16.20	17.64	19.08	20.52	21.96	23.40	24.84	26.28	13.0
15.1-17.0	16.7- 18.9	2.06	3.55	5.07	6.60	8.13	9.66	11.20	12.73	14.27	15.80	17.34	18.87	20.41	21.95	23.48	25.02	26.56	28.09	14.5
17.1-19.0	19.0- 21.1	2.16	3.72	5.31	6.90	8.50	10.10	11.70	13.30	14.91	16.51	18.11	19.71	21.32	22.92	24.52	26.13	27.73	29.33	15.8
19.1-21.0	21.3- 23.4	2.23	3.84	5.47	7.12	8.76	10.41	12.06	13.72	15.37	17.02	18.67	20.32	21.97	23.63	25.28	26.93	28.58	30.24	17.0
21.1-23.0	23.5- 25.7	2.27	3.92	5.59	7.27	8.96	10.65	12.34	14.02	15.71	17.40	19.09	20.78	22.47	24.17	25.86	27.55	29.24	30.93	18.2
23.1-25.0	25.8- 28.0	2.30	3.98	5.68	7.39	9.11	10.83	12.54	14.26	15.98	17.70	19.43	21.15	22.87	24.59	26.31	28.03	29.75	31.47	19.2
25.1-27.0	28.1- 30.3	2.32	4.02	5.74	7.48	9.22	10.97	12.71	14.45	16.20	17.94	19.69	21.43	23.18	24.92	26.67	28.42	30.16	31.91	20.1
27.1-29.0	30.4- 32.6	2.33	4.05	5.79	7.55	9.31	11.08	12.84	14.61	16.37	18.14	19.90	21.67	23.43	25.20	26.97	28.73	30.50	32.26	21.0
29.1-31.0	32.7- 34.9	2.33	4.06	5.83	7.60	9.38	11.16	12.95	14.73	16.51	18.29	20.08	21.86	23.64	25.43	27.21	28.99	30.78	32.56	21.7
31.1-33.0	35.0- 37.2	2.33	4.07	5.85	7.64	9.44	11.23	13.03	14.83	16.63	18.42	20.22	22.02	23.82	25.62	27.42	29.21	31.01	32.81	22.4
33.1-35.0	37.4- 39.6	2.33	4.08	5.87	7.67	9.48	11.29	13.10	14.91	16.72	18.53	20.34	22.16	23.97	25.78	27.59	29.40	31.21	33.02	23.1
35.1-37.0	39.7- 41.9	2.32	4.08	5.88	7.69	9.51	11.33	13.16	14.98	16.80	18.62	20.45	22.27	24.09	25.91	27.74	29.56	31.38	33.20	23.7
37.1-39.0	42.0- 44.3	2.31	4.08	5.89	7.71	9.54	11.37	13.20	15.03	16.87	18.70	20.53	22.36	24.20	26.03	27.86	29.69	31.53	33.36	24.2
39.1-41.0	44.4- 46.6	2.30	4.07	5.89	7.72	9.56	11.40	13.24	15.08	16.92	18.76	20.60	22.44	24.29	26.13	27.97	29.81	31.65	33.49	24.7
41.1-43.0	46.8- 49.0	2.29	4.06	5.88	7.72	9.57	11.42	13.26	15.11	16.96	18.81	20.66	22.51	24.36	26.21	28.06	29.91	31.76	33.61	25.1
43.1-45.0	49.1- 51.4	2.27	4.05	5.88	7.72	9.58	11.43	13.29	15.14	17.00	18.86	20.71	22.57	24.43	26.28	28.14	29.99	31.85	33.71	25.5
45.1-47.0	51.5- 53.8	2.26	4.04	5.87	7.72	9.58	11.44	13.30	15.17	17.03	18.89	20.76	22.62	24.48	26.34	28.21	30.07	31.93	33.79	25.8
47.1-49.0	53.9- 56.2	2.24	4.02	5.86	7.71	9.58	11.45	13.31	15.18	17.05	18.92	20.79	22.66	24.53	26.40	28.26	30.13	32.00	33.87	26.2
49.1-51.0	56.3- 58.6	2.23	4.01	5.85	7.71	9.57	11.45	13.32	15.19	17.07	18.94	20.82	22.69	24.57	26.44	28.31	30.19	32.06	33.93	26.4
51.1-53.0	58.7- 61.0	2.21	3.99	5.83	7.69	9.57	11.44	13.32	15.20	17.08	18.96	20.84	22.72	24.60	26.48	28.36	30.23	32.11	33.99	26.7
53.1-55.0	61.1- 63.4	2.20	3.97	5.81	7.68	9.56	11.44	13.32	15.21	17.09	18.97	20.86	22.74	24.63	26.51	28.39	30.27	32.16	34.04	26.9
55.1-57.0	63.6- 65.9	2.18	3.95	5.80	7.67	9.55	11.43	13.32	15.21	17.10	18.98	20.87	22.76	24.65	26.53	28.42	30.31	32.19	34.08	27.1
57.1-59.0	66.0- 68.3	2.16	3.93	5.78	7.65	9.53	11.42	13.31	15.21	17.10	18.99	20.88	22.77	24.66	26.55	28.44	30.33	32.22	34.11	27.3
59.1-61.0	68.4- 70.8	2.14	3.91	5.76	7.63	9.52	11.41	13.30	15.20	17.10	18.99	20.89	22.78	24.68	26.57	28.46	30.36	32.25	34.14	27.5
61.1-63.0	70.9- 73.2	2.13	3.89	5.73	7.61	9.50	11.40	13.29	15.19	17.09	18.99	20.89	22.79	24.68	26.58	28.48	30.38	32.27	34.17	27.7
63.1-65.0	73.3- 75.7	2.11	3.87	5.71	7.59	9.48	11.38	13.28	15.18	17.08	18.99	20.89	22.79	24.69	26.59	28.49	30.39	32.29	34.19	27.8
65.1-67.0	75.8- 78.2	2.09	3.84	5.69	7.57	9.46	11.36	13.27	15.17	17.08	18.98	20.88	22.79	24.69	26.60	28.50	30.40	32.30	34.21	27.9
67.1-69.0	78.3- 80.7	2.07	3.82	5.67	7.55	9.44	11.34	13.25	15.16	17.06	18.97	20.88	22.79	24.69	26.60	28.50	30.41	32.31	34.22	28.0
69.1-71.0	80.8- 83.2	2.06	3.80	5.64	7.52	9.42	11.32	13.23	15.14	17.05	18.96	20.87	22.78	24.69	26.60	28.51	30.41	32.32	34.23	28.1
71.1-73.0	83.3- 85.7	2.04	3.78	5.62	7.50	9.40	11.30	13.21	15.12	17.04	18.95	20.86	22.77	24.68	26.59	28.50	30.41	32.32	34.23	28.2
73.1-75.0	85.8- 88.2	2.02	3.75	5.59	7.47	9.37	11.28	13.19	15.11	17.02	18.93	20.85	22.76	24.67	26.59	28.50	30.41	32.32	34.24	28.3
75.1-77.0	88.3- 90.7	2.00	3.73	5.57	7.45	9.35	11.26	13.17	15.08	17.00	18.92	20.83	22.75	24.66	26.58	28.49	30.41	32.32	34.24	28.4
77.1-79.0	90.8- 93.2	1.99	3.71	5.54	7.42	9.32	11.23	13.15	15.06	16.98	18.90	20.82	22.74	24.65	26.57	28.49	30.40	32.32	34.23	28.5
79.1-81.0	93.4- 95.8	1.97	3.68	5.51	7.39	9.29	11.21	13.12	15.04	16.96	18.88	20.80	22.72	24.64	26.56	28.48	30.39	32.31	34.23	28.5

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

SPECIES: HARDWOOD
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	12.3- 14.4	0.39	0.65	0.88	1.10	1.31	1.51	1.71	1.91	2.11	2.30	2.49	2.69	2.88	3.07	3.26	3.45	3.64	3.83	11.5
13.1-15.0	14.5- 16.6	0.99	1.80	2.66	3.56	4.47	5.39	6.32	7.25	8.19	9.13	10.07	11.02	11.97	12.91	13.86	14.81	15.76	16.71	13.0
15.1-17.0	16.7- 18.9	1.35	2.46	3.61	4.80	5.99	7.20	8.41	9.62	10.83	12.04	13.26	14.48	15.69	16.91	18.13	19.35	20.57	21.78	14.5
17.1-19.0	19.0- 21.1	1.57	2.83	4.14	5.48	6.82	8.17	9.52	10.87	12.23	13.58	14.94	16.30	17.66	19.02	20.38	21.73	23.09	24.45	15.8
19.1-21.0	21.3- 23.4	1.72	3.08	4.48	5.91	7.35	8.79	10.23	11.68	13.13	14.58	16.03	17.48	18.93	20.38	21.83	23.28	24.73	26.18	17.0
21.1-23.0	23.5- 25.7	1.81	3.24	4.72	6.21	7.72	9.23	10.74	12.25	13.77	15.28	16.80	18.32	19.83	21.35	22.87	24.38	25.90	27.42	18.2
23.1-25.0	25.8- 28.0	1.88	3.36	4.89	6.44	7.99	9.55	11.11	12.68	14.24	15.81	17.38	18.94	20.51	22.08	23.65	25.22	26.78	28.35	19.2
25.1-27.0	28.1- 30.3	1.93	3.45	5.02	6.60	8.20	9.80	11.40	13.01	14.61	16.22	17.82	19.43	21.04	22.65	24.26	25.87	27.47	29.08	20.1
27.1-29.0	30.4- 32.6	1.96	3.51	5.11	6.73	8.36	9.99	11.63	13.26	14.90	16.54	18.18	19.82	21.46	23.10	24.75	26.39	28.03	29.67	21.0
29.1-31.0	32.7- 34.9	1.99	3.56	5.18	6.83	8.48	10.15	11.81	13.47	15.14	16.81	18.47	20.14	21.81	23.48	25.14	26.81	28.48	30.15	21.7
31.1-33.0	35.0- 37.2	2.00	3.59	5.24	6.91	8.59	10.27	11.95	13.64	15.33	17.02	18.71	20.40	22.09	23.78	25.47	27.17	28.86	30.55	22.4
33.1-35.0	37.4- 39.6	2.01	3.62	5.28	6.97	8.67	10.37	12.07	13.78	15.49	17.20	18.91	20.62	22.33	24.04	25.75	27.46	29.17	30.89	23.1
35.1-37.0	39.7- 41.9	2.02	3.63	5.31	7.02	8.73	10.45	12.17	13.90	15.62	17.35	19.08	20.80	22.53	24.26	25.99	27.72	29.44	31.17	23.7
37.1-39.0	42.0- 44.3	2.02	3.64	5.34	7.05	8.78	10.52	12.25	13.99	15.73	17.48	19.22	20.96	22.70	24.44	26.19	27.93	29.67	31.42	24.2
39.1-41.0	44.4- 46.6	2.01	3.65	5.35	7.08	8.82	10.57	12.32	14.07	15.83	17.58	19.34	21.09	22.85	24.60	26.36	28.12	29.87	31.63	24.7
41.1-43.0	46.8- 49.0	2.01	3.65	5.36	7.10	8.85	10.61	12.38	14.14	15.90	17.67	19.44	21.20	22.97	24.74	26.51	28.27	30.04	31.81	25.1
43.1-45.0	49.1- 51.4	2.00	3.65	5.37	7.12	8.88	10.65	12.42	14.19	15.97	17.75	19.52	21.30	23.08	24.86	26.64	28.41	30.19	31.97	25.5
45.1-47.0	51.5- 53.8	1.99	3.64	5.37	7.13	8.90	10.67	12.46	14.24	16.02	17.81	19.60	21.38	23.17	24.96	26.75	28.53	30.32	32.11	25.8
47.1-49.0	53.9- 56.2	1.99	3.63	5.37	7.13	8.91	10.69	12.48	14.28	16.07	17.86	19.66	21.45	23.25	25.05	26.84	28.64	30.43	32.23	26.2
49.1-51.0	56.3- 58.6	1.98	3.63	5.36	7.13	8.92	10.71	12.51	14.31	16.11	17.91	19.71	21.51	23.32	25.12	26.92	28.73	30.53	32.33	26.4
51.1-53.0	58.7- 61.0	1.96	3.61	5.35	7.13	8.92	10.72	12.52	14.33	16.14	17.95	19.76	21.56	23.38	25.19	27.00	28.81	30.62	32.43	26.7
53.1-55.0	61.1- 63.4	1.95	3.60	5.34	7.12	8.92	10.72	12.53	14.35	16.16	17.98	19.79	21.61	23.42	25.24	27.06	28.87	30.69	32.51	26.9
55.1-57.0	63.6- 65.9	1.94	3.59	5.33	7.11	8.91	10.72	12.54	14.36	16.18	18.00	19.82	21.64	23.47	25.29	27.11	28.93	30.76	32.58	27.1
57.1-59.0	66.0- 68.3	1.93	3.57	5.31	7.10	8.91	10.72	12.54	14.37	16.19	18.02	19.84	21.67	23.50	25.33	27.16	28.98	30.81	32.64	27.3
59.1-61.0	68.4- 70.8	1.91	3.55	5.30	7.09	8.90	10.72	12.54	14.37	16.20	18.03	19.86	21.70	23.53	25.36	27.19	29.03	30.86	32.69	27.5
61.1-63.0	70.9- 73.2	1.90	3.54	5.28	7.07	8.88	10.71	12.54	14.37	16.20	18.04	19.88	21.71	23.55	25.39	27.23	29.06	30.90	32.74	27.7
63.1-65.0	73.3- 75.7	1.88	3.52	5.26	7.06	8.87	10.70	12.53	14.37	16.21	18.05	19.89	21.73	23.57	25.41	27.25	29.09	30.93	32.78	27.8
65.1-67.0	75.8- 78.2	1.87	3.50	5.24	7.04	8.85	10.68	12.52	14.36	16.20	18.05	19.89	21.74	23.58	25.43	27.27	29.12	30.96	32.81	27.9
67.1-69.0	78.3- 80.7	1.86	3.48	5.22	7.02	8.84	10.67	12.51	14.35	16.20	18.05	19.89	21.74	23.59	25.44	27.29	29.14	30.99	32.84	28.0
69.1-71.0	80.8- 83.2	1.84	3.46	5.20	7.00	8.82	10.65	12.49	14.34	16.19	18.04	19.89	21.74	23.60	25.45	27.30	29.15	31.01	32.86	28.1
71.1-73.0	83.3- 85.7	1.83	3.44	5.18	6.97	8.80	10.63	12.48	14.33	16.18	18.03	19.89	21.74	23.60	25.45	27.31	29.16	31.02	32.88	28.2
73.1-75.0	85.8- 88.2	1.81	3.42	5.16	6.95	8.77	10.61	12.46	14.31	16.17	18.02	19.88	21.74	23.60	25.45	27.31	29.17	31.03	32.89	28.3
75.1-77.0	88.3- 90.7	1.80	3.40	5.13	6.93	8.75	10.59	12.44	14.29	16.15	18.01	19.87	21.73	23.59	25.45	27.31	29.18	31.04	32.90	28.4
77.1-79.0	90.8- 93.2	1.78	3.38	5.11	6.90	8.73	10.57	12.42	14.28	16.13	18.00	19.86	21.72	23.58	25.45	27.31	29.18	31.04	32.90	28.5
79.1-81.0	93.4- 95.8	1.77	3.36	5.08	6.88	8.70	10.54	12.40	14.25	16.12	17.98	19.84	21.71	23.57	25.44	27.31	29.17	31.04	32.90	28.5

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

SPECIES: HARDWOOD
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	12.3- 14.4	0.08	0.13	0.17	0.20	0.24	0.27	0.31	0.35	0.39	0.42	0.46	0.50	0.54	0.58	0.62	0.66	0.70	0.74	11.5
13.1-15.0	14.5- 16.6	0.65	1.16	1.67	2.19	2.72	3.25	3.78	4.32	4.85	5.39	5.93	6.47	7.01	7.56	8.10	8.65	9.19	9.74	13.0
15.1-17.0	16.7- 18.9	1.09	2.00	2.97	3.97	4.99	6.02	7.06	8.11	9.15	10.20	11.26	12.31	13.37	14.42	15.48	16.54	17.59	18.65	14.5
17.1-19.0	19.0- 21.1	1.36	2.49	3.67	4.89	6.12	7.36	8.60	9.84	11.09	12.34	13.59	14.85	16.10	17.35	18.60	19.86	21.11	22.37	15.8
19.1-21.0	21.3- 23.4	1.54	2.79	4.11	5.45	6.80	8.15	9.52	10.88	12.25	13.61	14.98	16.35	17.72	19.09	20.46	21.83	23.20	24.58	17.0
21.1-23.0	23.5- 25.7	1.66	3.00	4.40	5.82	7.25	8.69	10.14	11.58	13.03	14.48	15.93	17.38	18.83	20.28	21.73	23.18	24.64	26.09	18.2
23.1-25.0	25.8- 28.0	1.74	3.15	4.61	6.09	7.59	9.09	10.59	12.10	13.60	15.11	16.62	18.13	19.64	21.16	22.67	24.18	25.69	27.20	19.2
25.1-27.0	28.1- 30.3	1.80	3.25	4.76	6.29	7.83	9.38	10.93	12.49	14.04	15.60	17.15	18.71	20.27	21.83	23.38	24.94	26.50	28.06	20.1
27.1-29.0	30.4- 32.6	1.84	3.33	4.88	6.45	8.02	9.61	11.20	12.79	14.38	15.98	17.57	19.17	20.76	22.36	23.95	25.55	27.15	28.74	21.0
29.1-31.0	32.7- 34.9	1.88	3.39	4.97	6.56	8.18	9.79	11.41	13.04	14.66	16.28	17.91	19.54	21.16	22.79	24.42	26.04	27.67	29.30	21.7
31.1-33.0	35.0- 37.2	1.90	3.43	5.03	6.66	8.30	9.94	11.58	13.23	14.88	16.54	18.19	19.84	21.49	23.15	24.80	26.45	28.11	29.76	22.4
33.1-35.0	37.4- 39.6	1.91	3.47	5.09	6.73	8.39	10.06	11.73	13.40	15.07	16.74	18.42	20.09	21.77	23.44	25.12	26.79	28.47	30.15	23.1
35.1-37.0	39.7- 41.9	1.92	3.49	5.13	6.79	8.47	10.15	11.84	13.53	15.22	16.92	18.61	20.30	22.00	23.69	25.39	27.08	28.78	30.47	23.7
37.1-39.0	42.0- 44.3	1.93	3.50	5.16	6.84	8.53	10.23	11.94	13.64	15.35	17.06	18.77	20.48	22.19	23.90	25.62	27.33	29.04	30.75	24.2
39.1-41.0	44.4- 46.6	1.93	3.51	5.18	6.87	8.58	10.30	12.01	13.74	15.46	17.18	18.91	20.63	22.36	24.09	25.81	27.54	29.27	30.99	24.7
41.1-43.0	46.8- 49.0	1.92	3.52	5.19	6.90	8.62	10.35	12.08	13.81	15.55	17.29	19.03	20.76	22.50	24.24	25.98	27.72	29.46	31.20	25.1
43.1-45.0	49.1- 51.4	1.92	3.52	5.20	6.92	8.65	10.39	12.13	13.88	15.63	17.38	19.13	20.88	22.63	24.38	26.13	27.88	29.63	31.38	25.5
45.1-47.0	51.5- 53.8	1.92	3.52	5.21	6.93	8.67	10.42	12.18	13.93	15.69	17.45	19.21	20.97	22.73	24.49	26.26	28.02	29.78	31.54	25.8
47.1-49.0	53.9- 56.2	1.91	3.51	5.21	6.94	8.69	10.45	12.21	13.98	15.74	17.51	19.28	21.05	22.82	24.59	26.36	28.14	29.91	31.68	26.2
49.1-51.0	56.3- 58.6	1.90	3.51	5.21	6.95	8.70	10.47	12.24	14.01	15.79	17.57	19.34	21.12	22.90	24.68	26.46	28.24	30.02	31.80	26.4
51.1-53.0	58.7- 61.0	1.89	3.50	5.20	6.95	8.71	10.48	12.26	14.04	15.83	17.61	19.40	21.18	22.97	24.76	26.54	28.33	30.12	31.90	26.7
53.1-55.0	61.1- 63.4	1.88	3.49	5.19	6.94	8.71	10.49	12.28	14.06	15.85	17.65	19.44	21.23	23.03	24.82	26.61	28.41	30.20	32.00	26.9
55.1-57.0	63.6- 65.9	1.87	3.47	5.18	6.94	8.71	10.50	12.29	14.08	15.88	17.68	19.48	21.28	23.08	24.88	26.68	28.48	30.28	32.08	27.1
57.1-59.0	66.0- 68.3	1.86	3.46	5.17	6.93	8.71	10.50	12.29	14.09	15.90	17.70	19.50	21.31	23.12	24.92	26.73	28.54	30.34	32.15	27.3
59.1-61.0	68.4- 70.8	1.84	3.44	5.16	6.92	8.70	10.49	12.29	14.10	15.91	17.72	19.53	21.34	23.15	24.96	26.77	28.59	30.40	32.21	27.5
61.1-63.0	70.9- 73.2	1.83	3.43	5.14	6.90	8.69	10.49	12.29	14.10	15.92	17.73	19.55	21.36	23.18	25.00	26.81	28.63	30.45	32.26	27.7
63.1-65.0	73.3- 75.7	1.82	3.41	5.12	6.89	8.68	10.48	12.29	14.10	15.92	17.74	19.56	21.38	23.20	25.02	26.84	28.67	30.49	32.31	27.8
65.1-67.0	75.8- 78.2	1.81	3.39	5.10	6.87	8.66	10.47	12.28	14.10	15.92	17.74	19.57	21.39	23.22	25.04	26.87	28.70	30.52	32.35	27.9
67.1-69.0	78.3- 80.7	1.79	3.38	5.09	6.85	8.65	10.45	12.27	14.09	15.92	17.75	19.57	21.40	23.23	25.06	26.89	28.72	30.55	32.38	28.0
69.1-71.0	80.8- 83.2	1.78	3.36	5.06	6.83	8.63	10.44	12.26	14.08	15.91	17.74	19.57	21.41	23.24	25.07	26.91	28.74	30.57	32.41	28.1
71.1-73.0	83.3- 85.7	1.77	3.34	5.04	6.81	8.61	10.42	12.24	14.07	15.90	17.74	19.57	21.41	23.24	25.08	26.92	28.76	30.59	32.43	28.2
73.1-75.0	85.8- 88.2	1.75	3.32	5.02	6.79	8.59	10.40	12.23	14.06	15.89	17.73	19.57	21.41	23.25	25.09	26.93	28.77	30.61	32.45	28.3
75.1-77.0	88.3- 90.7	1.74	3.30	5.00	6.76	8.56	10.38	12.21	14.04	15.88	17.72	19.56	21.40	23.24	25.09	26.93	28.77	30.62	32.46	28.4
77.1-79.0	90.8- 93.2	1.73	3.28	4.98	6.74	8.54	10.36	12.19	14.02	15.86	17.71	19.55	21.39	23.24	25.08	26.93	28.78	30.62	32.47	28.5
79.1-81.0	93.4- 95.8	1.71	3.26	4.95	6.72	8.52	10.34	12.17	14.00	15.85	17.69	19.54	21.38	23.23	25.08	26.93	28.77	30.62	32.47	28.5

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

SPECIES: HARDWOOD
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	14.5- 16.6	0.12	0.18	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.46	0.50	0.53	0.57	0.61	0.65	0.69	0.73	0.77	13.0
15.1-17.0	16.7- 18.9	0.57	0.98	1.39	1.80	2.20	2.60	3.00	3.39	3.79	4.18	4.57	4.96	5.35	5.74	6.13	6.52	6.91	7.30	14.5
17.1-19.0	19.0- 21.1	0.93	1.70	2.53	3.40	4.29	5.20	6.12	7.05	7.98	8.92	9.86	10.81	11.75	12.70	13.65	14.60	15.55	16.50	15.8
19.1-21.0	21.3- 23.4	1.17	2.17	3.24	4.35	5.48	6.62	7.77	8.93	10.09	11.25	12.41	13.58	14.75	15.92	17.09	18.26	19.43	20.60	17.0
21.1-23.0	23.5- 25.7	1.34	2.48	3.69	4.94	6.20	7.48	8.76	10.04	11.33	12.63	13.92	15.21	16.51	17.81	19.10	20.40	21.70	22.99	18.2
23.1-25.0	25.8- 28.0	1.46	2.69	4.00	5.34	6.69	8.06	9.43	10.80	12.18	13.56	14.94	16.32	17.71	19.09	20.47	21.86	23.24	24.63	19.2
25.1-27.0	28.1- 30.3	1.55	2.85	4.22	5.63	7.05	8.48	9.92	11.36	12.80	14.25	15.69	17.14	18.59	20.03	21.48	22.93	24.38	25.83	20.1
27.1-29.0	30.4- 32.6	1.61	2.96	4.39	5.85	7.32	8.80	10.29	11.78	13.27	14.77	16.27	17.76	19.26	20.76	22.26	23.76	25.26	26.76	21.0
29.1-31.0	32.7- 34.9	1.66	3.05	4.52	6.01	7.53	9.05	10.58	12.11	13.65	15.18	16.72	18.26	19.80	21.34	22.88	24.42	25.96	27.50	21.7
31.1-33.0	35.0- 37.2	1.69	3.12	4.61	6.15	7.69	9.25	10.81	12.38	13.95	15.52	17.09	18.66	20.23	21.81	23.38	24.95	26.53	28.10	22.4
33.1-35.0	37.4- 39.6	1.72	3.17	4.69	6.25	7.83	9.41	11.00	12.60	14.19	15.79	17.39	18.99	20.59	22.19	23.80	25.40	27.00	28.60	23.1
35.1-37.0	39.7- 41.9	1.74	3.20	4.75	6.33	7.93	9.54	11.16	12.78	14.40	16.02	17.64	19.27	20.89	22.52	24.14	25.77	27.40	29.02	23.7
37.1-39.0	42.0- 44.3	1.75	3.23	4.80	6.40	8.02	9.65	11.29	12.93	14.57	16.21	17.86	19.50	21.15	22.79	24.44	26.09	27.73	29.38	24.2
39.1-41.0	44.4- 46.6	1.76	3.25	4.83	6.45	8.09	9.74	11.39	13.05	14.71	16.37	18.03	19.70	21.36	23.03	24.69	26.36	28.02	29.69	24.7
41.1-43.0	46.8- 49.0	1.76	3.27	4.86	6.49	8.15	9.81	11.48	13.15	14.83	16.51	18.19	19.87	21.55	23.23	24.91	26.59	28.27	29.95	25.1
43.1-45.0	49.1- 51.4	1.77	3.28	4.88	6.53	8.19	9.87	11.55	13.24	14.93	16.62	18.32	20.01	21.71	23.40	25.10	26.79	28.49	30.18	25.5
45.1-47.0	51.5- 53.8	1.76	3.28	4.89	6.55	8.23	9.92	11.62	13.32	15.02	16.72	18.43	20.14	21.84	23.55	25.26	26.97	28.68	30.39	25.8
47.1-49.0	53.9- 56.2	1.76	3.28	4.90	6.57	8.26	9.96	11.67	13.38	15.09	16.81	18.52	20.24	21.96	23.68	25.40	27.12	28.84	30.56	26.2
49.1-51.0	56.3- 58.6	1.76	3.28	4.91	6.58	8.28	9.99	11.71	13.43	15.15	16.88	18.61	20.33	22.06	23.79	25.52	27.25	28.98	30.71	26.4
51.1-53.0	58.7- 61.0	1.75	3.28	4.91	6.59	8.29	10.01	11.74	13.47	15.20	16.94	18.68	20.41	22.15	23.89	25.63	27.37	29.11	30.85	26.7
53.1-55.0	61.1- 63.4	1.75	3.27	4.90	6.59	8.30	10.03	11.76	13.50	15.25	16.99	18.73	20.48	22.23	23.98	25.72	27.47	29.22	30.97	26.9
55.1-57.0	63.6- 65.9	1.74	3.26	4.90	6.59	8.31	10.04	11.78	13.53	15.28	17.03	18.78	20.54	22.29	24.05	25.80	27.56	29.32	31.07	27.1
57.1-59.0	66.0- 68.3	1.73	3.25	4.89	6.59	8.31	10.05	11.80	13.55	15.31	17.07	18.83	20.59	22.35	24.11	25.87	27.64	29.40	31.16	27.3
59.1-61.0	68.4- 70.8	1.72	3.24	4.88	6.58	8.31	10.05	11.81	13.57	15.33	17.09	18.86	20.63	22.40	24.16	25.93	27.70	29.47	31.24	27.5
61.1-63.0	70.9- 73.2	1.71	3.23	4.87	6.57	8.30	10.05	11.81	13.58	15.35	17.12	18.89	20.66	22.44	24.21	25.99	27.76	29.54	31.31	27.7
63.1-65.0	73.3- 75.7	1.70	3.21	4.86	6.56	8.30	10.05	11.81	13.58	15.36	17.13	18.91	20.69	22.47	24.25	26.03	27.81	29.59	31.37	27.8
65.1-67.0	75.8- 78.2	1.69	3.20	4.84	6.55	8.29	10.04	11.81	13.59	15.36	17.14	18.93	20.71	22.50	24.28	26.07	27.85	29.64	31.43	27.9
67.1-69.0	78.3- 80.7	1.68	3.18	4.82	6.53	8.27	10.03	11.81	13.58	15.37	17.15	18.94	20.73	22.52	24.31	26.10	27.89	29.68	31.47	28.0
69.1-71.0	80.8- 83.2	1.67	3.17	4.81	6.51	8.26	10.02	11.80	13.58	15.37	17.16	18.95	20.74	22.53	24.33	26.12	27.92	29.71	31.51	28.1
71.1-73.0	83.3- 85.7	1.66	3.15	4.79	6.50	8.24	10.01	11.79	13.57	15.36	17.15	18.95	20.75	22.54	24.34	26.14	27.94	29.74	31.54	28.2
73.1-75.0	85.8- 88.2	1.64	3.13	4.77	6.48	8.22	9.99	11.77	13.56	15.35	17.15	18.95	20.75	22.55	24.35	26.16	27.96	29.76	31.57	28.3
75.1-77.0	88.3- 90.7	1.63	3.12	4.75	6.46	8.20	9.97	11.76	13.55	15.34	17.14	18.95	20.75	22.55	24.36	26.17	27.97	29.78	31.59	28.4
77.1-79.0	90.8- 93.2	1.62	3.10	4.73	6.43	8.18	9.95	11.74	13.53	15.33	17.13	18.94	20.75	22.55	24.36	26.17	27.98	29.79	31.60	28.5
79.1-81.0	93.4- 95.8	1.61	3.08	4.70	6.41	8.16	9.93	11.72	13.52	15.32	17.12	18.93	20.74	22.55	24.36	26.17	27.99	29.80	31.61	28.5

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

SPECIES: HARDWOOD
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	16.7- 18.9	0.15	0.22	0.26	0.29	0.32	0.36	0.39	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.67	0.71	0.75	0.78	14.5
17.1-19.0	19.0- 21.1	0.51	0.87	1.21	1.54	1.86	2.17	2.48	2.78	3.07	3.37	3.66	3.95	4.24	4.53	4.82	5.10	5.39	5.67	15.8
19.1-21.0	21.3- 23.4	0.81	1.47	2.18	2.92	3.69	4.47	5.27	6.07	6.88	7.70	8.53	9.35	10.18	11.02	11.85	12.69	13.52	14.36	17.0
21.1-23.0	23.5- 25.7	1.03	1.90	2.86	3.86	4.88	5.93	6.98	8.05	9.12	10.19	11.27	12.35	13.44	14.52	15.61	16.70	17.78	18.87	18.2
23.1-25.0	25.8- 28.0	1.18	2.21	3.31	4.46	5.64	6.83	8.03	9.24	10.46	11.67	12.89	14.11	15.34	16.56	17.79	19.01	20.24	21.47	19.2
25.1-27.0	28.1- 30.3	1.30	2.42	3.63	4.88	6.16	7.45	8.75	10.05	11.36	12.68	13.99	15.31	16.62	17.94	19.26	20.58	21.90	23.22	20.1
27.1-29.0	30.4- 32.6	1.39	2.58	3.86	5.19	6.54	7.90	9.27	10.65	12.03	13.41	14.79	16.18	17.57	18.95	20.34	21.73	23.12	24.51	21.0
29.1-31.0	32.7- 34.9	1.45	2.70	4.04	5.42	6.83	8.25	9.67	11.10	12.54	13.97	15.41	16.85	18.29	19.73	21.17	22.62	24.06	25.50	21.7
31.1-33.0	35.0- 37.2	1.50	2.79	4.18	5.60	7.05	8.51	9.98	11.46	12.94	14.42	15.90	17.38	18.87	20.35	21.84	23.32	24.81	26.30	22.4
33.1-35.0	37.4- 39.6	1.54	2.86	4.28	5.75	7.23	8.73	10.24	11.75	13.26	14.78	16.29	17.81	19.33	20.86	22.38	23.90	25.42	26.94	23.1
35.1-37.0	39.7- 41.9	1.57	2.92	4.37	5.86	7.38	8.90	10.44	11.98	13.53	15.07	16.62	18.17	19.72	21.27	22.82	24.38	25.93	27.48	23.7
37.1-39.0	42.0- 44.3	1.59	2.96	4.43	5.95	7.49	9.05	10.61	12.18	13.75	15.32	16.89	18.47	20.05	21.62	23.20	24.78	26.36	27.94	24.2
39.1-41.0	44.4- 46.6	1.60	2.99	4.49	6.02	7.59	9.16	10.75	12.34	13.93	15.53	17.12	18.72	20.32	21.92	23.52	25.12	26.72	28.32	24.7
41.1-43.0	46.8- 49.0	1.61	3.02	4.53	6.08	7.67	9.26	10.87	12.47	14.09	15.70	17.32	18.94	20.55	22.17	23.79	25.41	27.04	28.66	25.1
43.1-45.0	49.1- 51.4	1.62	3.04	4.56	6.13	7.73	9.34	10.96	12.59	14.22	15.85	17.48	19.12	20.76	22.39	24.03	25.67	27.31	28.94	25.5
45.1-47.0	51.5- 53.8	1.63	3.05	4.58	6.17	7.78	9.41	11.04	12.69	14.33	15.98	17.63	19.28	20.93	22.58	24.23	25.89	27.54	29.19	25.8
47.1-49.0	53.9- 56.2	1.63	3.06	4.60	6.20	7.82	9.46	11.11	12.77	14.43	16.09	17.75	19.41	21.08	22.74	24.41	26.08	27.74	29.41	26.2
49.1-51.0	56.3- 58.6	1.63	3.06	4.61	6.22	7.86	9.51	11.17	12.84	14.51	16.18	17.85	19.53	21.21	22.89	24.56	26.24	27.92	29.60	26.4
51.1-53.0	58.7- 61.0	1.62	3.06	4.62	6.24	7.88	9.54	11.21	12.89	14.57	16.26	17.94	19.63	21.32	23.01	24.70	26.39	28.08	29.77	26.7
53.1-55.0	61.1- 63.4	1.62	3.06	4.62	6.25	7.90	9.57	11.25	12.94	14.63	16.32	18.02	19.72	21.42	23.12	24.82	26.52	28.22	29.92	26.9
55.1-57.0	63.6- 65.9	1.62	3.06	4.62	6.25	7.91	9.59	11.28	12.98	14.68	16.38	18.09	19.79	21.50	23.21	24.92	26.63	28.34	30.05	27.1
57.1-59.0	66.0- 68.3	1.61	3.05	4.62	6.26	7.92	9.61	11.31	13.01	14.72	16.43	18.14	19.86	21.57	23.29	25.01	26.73	28.45	30.16	27.3
59.1-61.0	68.4- 70.8	1.60	3.04	4.62	6.26	7.93	9.62	11.32	13.03	14.75	16.47	18.19	19.91	21.64	23.36	25.09	26.81	28.54	30.27	27.5
61.1-63.0	70.9- 73.2	1.60	3.04	4.61	6.25	7.93	9.63	11.34	13.05	14.78	16.50	18.23	19.96	21.69	23.42	25.15	26.89	28.62	30.35	27.7
63.1-65.0	73.3- 75.7	1.59	3.03	4.60	6.24	7.93	9.63	11.34	13.07	14.80	16.53	18.26	20.00	21.73	23.47	25.21	26.95	28.69	30.43	27.8
65.1-67.0	75.8- 78.2	1.58	3.01	4.59	6.23	7.92	9.63	11.35	13.08	14.81	16.55	18.29	20.03	21.77	23.52	25.26	27.01	28.75	30.50	27.9
67.1-69.0	78.3- 80.7	1.57	3.00	4.57	6.22	7.91	9.62	11.35	13.08	14.82	16.56	18.31	20.05	21.80	23.55	25.30	27.05	28.80	30.56	28.0
69.1-71.0	80.8- 83.2	1.56	2.99	4.56	6.21	7.90	9.62	11.34	13.08	14.82	16.57	18.32	20.07	21.83	23.58	25.34	27.09	28.85	30.61	28.1
71.1-73.0	83.3- 85.7	1.55	2.97	4.54	6.19	7.89	9.60	11.34	13.08	14.83	16.58	18.33	20.09	21.85	23.61	25.37	27.13	28.89	30.65	28.2
73.1-75.0	85.8- 88.2	1.55	2.96	4.53	6.18	7.87	9.59	11.33	13.07	14.82	16.58	18.34	20.10	21.86	23.62	25.39	27.15	28.92	30.68	28.3
75.1-77.0	88.3- 90.7	1.54	2.94	4.51	6.16	7.85	9.58	11.31	13.06	14.82	16.58	18.34	20.10	21.87	23.64	25.41	27.17	28.94	30.71	28.4
77.1-79.0	90.8- 93.2	1.53	2.93	4.49	6.14	7.84	9.56	11.30	13.05	14.81	16.57	18.34	20.11	21.88	23.65	25.42	27.19	28.96	30.74	28.5
79.1-81.0	93.4- 95.8	1.52	2.91	4.47	6.12	7.82	9.54	11.28	13.04	14.80	16.56	18.33	20.10	21.88	23.65	25.43	27.20	28.98	30.76	28.5

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

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

SPECIES: HARDWOOD
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	5.6- 7.6	0.58	1.01	1.45	1.88	2.32	2.75	3.19	3.62	4.06	4.49	4.93	5.36	5.79	6.23	6.66	7.10	7.53	7.97	8.9
7.1- 9.0	7.8- 9.8	1.86	3.02	4.17	5.33	6.49	7.65	8.81	9.96	11.12	12.28	13.44	14.60	15.76	16.91	18.07	19.23	20.39	21.55	11.1
9.1-11.0	10.0- 12.1	2.29	3.67	5.05	6.42	7.80	9.18	10.56	11.94	13.32	14.70	16.08	17.46	18.83	20.21	21.59	22.97	24.35	25.73	13.1
11.1-13.0	12.2- 14.3	2.52	4.01	5.51	7.01	8.51	10.01	11.51	13.01	14.51	16.01	17.50	19.00	20.50	22.00	23.50	25.00	26.50	28.00	14.9
13.1-15.0	14.4- 16.5	2.66	4.24	5.81	7.39	8.97	10.54	12.12	13.70	15.28	16.85	18.43	20.01	21.58	23.16	24.74	26.32	27.89	29.47	16.4
15.1-17.0	16.7- 18.8	2.76	4.39	6.02	7.66	9.29	10.92	12.55	14.19	15.82	17.45	19.09	20.72	22.35	23.99	25.62	27.25	28.89	30.52	17.7
17.1-19.0	18.9- 21.1	2.83	4.51	6.18	7.86	9.53	11.21	12.88	14.56	16.23	17.91	19.58	21.26	22.93	24.61	26.28	27.96	29.63	31.31	18.9
19.1-21.0	21.2- 23.4	2.89	4.59	6.30	8.01	9.72	11.43	13.13	14.84	16.55	18.26	19.97	21.68	23.38	25.09	26.80	28.51	30.22	31.93	19.9
21.1-23.0	23.5- 25.7	2.93	4.66	6.40	8.13	9.87	11.60	13.34	15.07	16.81	18.54	20.28	22.01	23.75	25.48	27.22	28.95	30.69	32.42	20.7
23.1-25.0	25.8- 28.0	2.96	4.72	6.48	8.23	9.99	11.75	13.50	15.26	17.02	18.78	20.53	22.29	24.05	25.81	27.56	29.32	31.08	32.84	21.5
25.1-27.0	28.1- 30.4	2.99	4.76	6.54	8.32	10.09	11.87	13.64	15.42	17.20	18.97	20.75	22.52	24.30	26.08	27.85	29.63	31.41	33.18	22.1
27.1-29.0	30.5- 32.7	3.01	4.80	6.59	8.39	10.18	11.97	13.76	15.55	17.35	19.14	20.93	22.72	24.51	26.31	28.10	29.89	31.68	33.48	22.7
29.1-31.0	32.8- 35.1	3.03	4.83	6.64	8.44	10.25	12.06	13.86	15.67	17.48	19.28	21.09	22.89	24.70	26.51	28.31	30.12	31.92	33.73	23.1
31.1-33.0	35.2- 37.5	3.04	4.86	6.68	8.50	10.31	12.13	13.95	15.77	17.59	19.41	21.22	23.04	24.86	26.68	28.50	30.31	32.13	33.95	23.5
33.1-35.0	37.6- 39.9	3.05	4.88	6.71	8.54	10.37	12.20	14.03	15.86	17.68	19.51	21.34	23.17	25.00	26.83	28.66	30.49	32.31	34.14	23.9
35.1-37.0	40.0- 42.3	3.06	4.90	6.74	8.58	10.42	12.26	14.09	15.93	17.77	19.61	21.45	23.29	25.12	26.96	28.80	30.64	32.48	34.32	24.2
37.1-39.0	42.4- 44.7	3.07	4.92	6.76	8.61	10.46	12.31	14.15	16.00	17.85	19.69	21.54	23.39	25.23	27.08	28.93	30.78	32.62	34.47	24.4
39.1-41.0	44.8- 47.1	3.07	4.93	6.79	8.64	10.50	12.35	14.21	16.06	17.92	19.77	21.63	23.48	25.33	27.19	29.04	30.90	32.75	34.61	24.7
41.1-43.0	47.3- 49.6	3.08	4.94	6.80	8.67	10.53	12.39	14.25	16.12	17.98	19.84	21.70	23.56	25.42	27.28	29.15	31.01	32.87	34.73	24.8
43.1-45.0	49.7- 52.1	3.08	4.95	6.82	8.69	10.56	12.43	14.30	16.16	18.03	19.90	21.77	23.64	25.50	27.37	29.24	31.11	32.97	34.84	25.0
45.1-47.0	52.2- 54.6	3.08	4.96	6.84	8.71	10.59	12.46	14.33	16.21	18.08	19.96	21.83	23.70	25.58	27.45	29.32	31.20	33.07	34.94	25.1
47.1-49.0	54.7- 57.1	3.08	4.97	6.85	8.73	10.61	12.49	14.37	16.25	18.13	20.01	21.89	23.76	25.64	27.52	29.40	31.28	33.16	35.04	25.3
49.1-51.0	57.2- 59.6	3.08	4.97	6.86	8.74	10.63	12.52	14.40	16.28	18.17	20.05	21.94	23.82	25.70	27.59	29.47	31.35	33.24	35.12	25.4
51.1-53.0	59.7- 62.1	3.08	4.98	6.87	8.76	10.65	12.54	14.43	16.32	18.21	20.09	21.98	23.87	25.76	27.65	29.54	31.42	33.31	35.20	25.4
53.1-55.0	62.2- 64.7	3.08	4.98	6.88	8.77	10.67	12.56	14.45	16.35	18.24	20.13	22.03	23.92	25.81	27.70	29.60	31.49	33.38	35.27	25.5
55.1-57.0	64.8- 67.2	3.08	4.98	6.88	8.78	10.68	12.58	14.48	16.38	18.27	20.17	22.07	23.96	25.86	27.75	29.65	31.55	33.44	35.34	25.6
57.1-59.0	67.3- 69.8	3.08	4.99	6.89	8.79	10.70	12.60	14.50	16.40	18.30	20.20	22.10	24.00	25.90	27.80	29.70	31.60	33.50	35.40	25.6
59.1-61.0	69.9- 72.4	3.08	4.99	6.90	8.80	10.71	12.61	14.52	16.42	18.33	20.23	22.14	24.04	25.94	27.85	29.75	31.65	33.55	35.46	25.7
61.1-63.0	72.5- 75.0	3.08	4.99	6.90	8.81	10.72	12.63	14.54	16.45	18.35	20.26	22.17	24.07	25.98	27.89	29.79	31.70	33.60	35.51	25.7
63.1-65.0	75.1- 77.6	3.07	4.99	6.90	8.82	10.73	12.64	14.55	16.46	18.38	20.29	22.20	24.10	26.01	27.92	29.83	31.74	33.65	35.56	25.8
65.1-67.0	77.8- 80.3	3.07	4.99	6.91	8.82	10.74	12.66	14.57	16.48	18.40	20.31	22.22	24.13	26.05	27.96	29.87	31.78	33.70	35.61	25.8
67.1-69.0	80.4- 82.9	3.07	4.99	6.91	8.83	10.75	12.67	14.58	16.50	18.42	20.33	22.25	24.16	26.08	27.99	29.91	31.82	33.74	35.65	25.8
69.1-71.0	83.0- 85.6	3.06	4.99	6.91	8.83	10.76	12.68	14.60	16.52	18.43	20.35	22.27	24.19	26.11	28.02	29.94	31.86	33.77	35.69	25.8
71.1-73.0	85.7- 88.3	3.06	4.99	6.91	8.84	10.76	12.69	14.61	16.53	18.45	20.37	22.29	24.21	26.13	28.05	29.97	31.89	33.81	35.73	25.9
73.1-75.0	88.4- 91.0	3.05	4.98	6.91	8.84	10.77	12.69	14.62	16.54	18.47	20.39	22.31	24.23	26.16	28.08	30.00	31.92	33.84	35.77	25.9
75.1-77.0	91.1- 93.7	3.05	4.98	6.91	8.85	10.77	12.70	14.63	16.56	18.48	20.41	22.33	24.26	26.18	28.10	30.03	31.95	33.88	35.80	25.9
77.1-79.0	93.8- 96.4	3.04	4.98	6.91	8.85	10.78	12.71	14.64	16.57	18.49	20.42	22.35	24.27	26.20	28.13	30.05	31.98	33.90	35.83	25.9
79.1-81.0	96.5- 99.1	3.04	4.98	6.91	8.85	10.78	12.72	14.65	16.58	18.51	20.44	22.36	24.29	26.22	28.15	30.08	32.01	33.93	35.86	25.9

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

SPECIES: HARDWOOD
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	7.8- 9.8	0.26	0.50	0.74	0.98	1.22	1.45	1.69	1.93	2.17	2.40	2.64	2.88	3.12	3.35	3.59	3.83	4.06	4.30	11.1
9.1-11.0	10.0- 12.1	1.44	2.40	3.36	4.32	5.29	6.25	7.22	8.19	9.15	10.12	11.08	12.05	13.02	13.98	14.95	15.92	16.88	17.85	13.1
11.1-13.0	12.2- 14.3	1.94	3.17	4.40	5.63	6.86	8.09	9.32	10.55	11.78	13.02	14.25	15.48	16.71	17.94	19.17	20.40	21.64	22.87	14.9
13.1-15.0	14.4- 16.5	2.21	3.58	4.95	6.32	7.70	9.07	10.44	11.81	13.19	14.56	15.93	17.30	18.68	20.05	21.42	22.79	24.17	25.54	16.4
15.1-17.0	16.7- 18.8	2.38	3.84	5.31	6.77	8.24	9.70	11.17	12.63	14.09	15.56	17.02	18.49	19.95	21.42	22.88	24.35	25.81	27.28	17.7
17.1-19.0	18.9- 21.1	2.50	4.03	5.56	7.09	8.62	10.15	11.68	13.21	14.74	16.28	17.81	19.34	20.87	22.40	23.93	25.46	26.99	28.52	18.9
19.1-21.0	21.2- 23.4	2.59	4.17	5.75	7.33	8.91	10.49	12.07	13.66	15.24	16.82	18.40	19.98	21.56	23.14	24.73	26.31	27.89	29.47	19.9
21.1-23.0	23.5- 25.7	2.66	4.28	5.90	7.52	9.14	10.76	12.38	14.00	15.62	17.25	18.87	20.49	22.11	23.73	25.35	26.97	28.60	30.22	20.7
23.1-25.0	25.8- 28.0	2.71	4.36	6.01	7.67	9.32	10.98	12.63	14.28	15.94	17.59	19.25	20.90	22.55	24.21	25.86	27.52	29.17	30.82	21.5
25.1-27.0	28.1- 30.4	2.75	4.43	6.11	7.79	9.47	11.15	12.83	14.52	16.20	17.88	19.56	21.24	22.92	24.60	26.28	27.97	29.65	31.33	22.1
27.1-29.0	30.5- 32.7	2.79	4.49	6.19	7.89	9.60	11.30	13.01	14.71	16.42	18.12	19.82	21.53	23.23	24.94	26.64	28.35	30.05	31.75	22.7
29.1-31.0	32.8- 35.1	2.81	4.54	6.26	7.98	9.71	11.43	13.15	14.88	16.60	18.33	20.05	21.77	23.50	25.22	26.95	28.67	30.39	32.12	23.1
31.1-33.0	35.2- 37.5	2.84	4.58	6.32	8.06	9.80	11.54	13.28	15.02	16.76	18.50	20.25	21.99	23.73	25.47	27.21	28.95	30.69	32.43	23.5
33.1-35.0	37.6- 39.9	2.86	4.61	6.37	8.12	9.88	11.63	13.39	15.15	16.90	18.66	20.42	22.17	23.93	25.69	27.44	29.20	30.95	32.71	23.9
35.1-37.0	40.0- 42.3	2.87	4.64	6.41	8.18	9.95	11.72	13.49	15.26	17.03	18.80	20.57	22.34	24.11	25.88	27.65	29.42	31.19	32.96	24.2
37.1-39.0	42.4- 44.7	2.88	4.66	6.44	8.23	10.01	11.79	13.57	15.35	17.14	18.92	20.70	22.48	24.26	26.05	27.83	29.61	31.39	33.17	24.4
39.1-41.0	44.8- 47.1	2.89	4.68	6.48	8.27	10.06	11.86	13.65	15.44	17.23	19.03	20.82	22.61	24.40	26.20	27.99	29.78	31.57	33.37	24.7
41.1-43.0	47.3- 49.6	2.90	4.70	6.51	8.31	10.11	11.91	13.72	15.52	17.32	19.12	20.93	22.73	24.53	26.33	28.13	29.94	31.74	33.54	24.8
43.1-45.0	49.7- 52.1	2.91	4.72	6.53	8.34	10.15	11.97	13.78	15.59	17.40	19.21	21.02	22.83	24.64	26.46	28.27	30.08	31.89	33.70	25.0
45.1-47.0	52.2- 54.6	2.92	4.73	6.55	8.37	10.19	12.01	13.83	15.65	17.47	19.29	21.11	22.93	24.75	26.57	28.39	30.21	32.02	33.84	25.1
47.1-49.0	54.7- 57.1	2.92	4.74	6.57	8.40	10.23	12.05	13.88	15.71	17.53	19.36	21.19	23.01	24.84	26.67	28.49	30.32	32.15	33.97	25.3
49.1-51.0	57.2- 59.6	2.92	4.76	6.59	8.42	10.26	12.09	13.93	15.76	17.59	19.43	21.26	23.09	24.93	26.76	28.59	30.43	32.26	34.09	25.4
51.1-53.0	59.7- 62.1	2.93	4.76	6.60	8.45	10.29	12.13	13.97	15.81	17.65	19.49	21.33	23.17	25.01	26.85	28.69	30.53	32.37	34.21	25.4
53.1-55.0	62.2- 64.7	2.93	4.77	6.62	8.46	10.31	12.16	14.00	15.85	17.70	19.54	21.39	23.23	25.08	26.92	28.77	30.62	32.46	34.31	25.5
55.1-57.0	64.8- 67.2	2.93	4.78	6.63	8.48	10.33	12.19	14.04	15.89	17.74	19.59	21.44	23.30	25.15	27.00	28.85	30.70	32.55	34.40	25.6
57.1-59.0	67.3- 69.8	2.93	4.78	6.64	8.50	10.36	12.21	14.07	15.93	17.78	19.64	21.50	23.35	25.21	27.06	28.92	30.78	32.63	34.49	25.6
59.1-61.0	69.9- 72.4	2.93	4.79	6.65	8.51	10.37	12.24	14.10	15.96	17.82	19.68	21.54	23.40	25.27	27.13	28.99	30.85	32.71	34.57	25.7
61.1-63.0	72.5- 75.0	2.93	4.79	6.66	8.53	10.39	12.26	14.13	15.99	17.86	19.72	21.59	23.45	25.32	27.18	29.05	30.91	32.78	34.64	25.7
63.1-65.0	75.1- 77.6	2.92	4.79	6.67	8.54	10.41	12.28	14.15	16.02	17.89	19.76	21.63	23.50	25.37	27.24	29.11	30.98	32.85	34.71	25.8
65.1-67.0	77.8- 80.3	2.92	4.80	6.67	8.55	10.42	12.30	14.17	16.05	17.92	19.79	21.67	23.54	25.41	27.29	29.16	31.03	32.91	34.78	25.8
67.1-69.0	80.4- 82.9	2.92	4.80	6.68	8.56	10.44	12.31	14.19	16.07	17.95	19.83	21.70	23.58	25.46	27.33	29.21	31.09	32.96	34.84	25.8
69.1-71.0	83.0- 85.6	2.92	4.80	6.68	8.56	10.45	12.33	14.21	16.09	17.97	19.86	21.74	23.62	25.50	27.38	29.26	31.14	33.02	34.90	25.8
71.1-73.0	85.7- 88.3	2.91	4.80	6.69	8.57	10.46	12.34	14.23	16.11	18.00	19.88	21.77	23.65	25.54	27.42	29.30	31.19	33.07	34.95	25.9
73.1-75.0	88.4- 91.0	2.91	4.80	6.69	8.58	10.47	12.36	14.25	16.13	18.02	19.91	21.80	23.68	25.57	27.46	29.34	31.23	33.12	35.00	25.9
75.1-77.0	91.1- 93.7	2.91	4.80	6.69	8.58	10.48	12.37	14.26	16.15	18.04	19.93	21.82	23.71	25.60	27.49	29.38	31.27	33.16	35.05	25.9
77.1-79.0	93.8- 96.4	2.90	4.80	6.69	8.59	10.49	12.38	14.28	16.17	18.06	19.96	21.85	23.74	25.64	27.53	29.42	31.31	33.21	35.10	25.9
79.1-81.0	96.5- 99.1	2.90	4.79	6.69	8.59	10.49	12.39	14.29	16.19	18.08	19.98	21.87	23.77	25.66	27.56	29.46	31.35	33.25	35.14	25.9

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

SPECIES: HARDWOOD
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- 14.3	0.50	0.89	1.27	1.65	2.02	2.40	2.78	3.16	3.54	3.92	4.29	4.67	5.05	5.43	5.80	6.18	6.56	6.94	14.9
13.1-15.0	14.4- 16.5	1.26	2.15	3.05	3.95	4.85	5.75	6.65	7.55	8.46	9.36	10.27	11.17	12.08	12.98	13.88	14.79	15.69	16.60	16.4
15.1-17.0	16.7- 18.8	1.68	2.80	3.93	5.07	6.20	7.34	8.47	9.61	10.74	11.88	13.01	14.15	15.29	16.42	17.56	18.69	19.83	20.97	17.7
17.1-19.0	18.9- 21.1	1.93	3.19	4.46	5.73	7.00	8.27	9.54	10.81	12.08	13.35	14.62	15.89	17.17	18.44	19.71	20.98	22.25	23.52	18.9
19.1-21.0	21.2- 23.4	2.10	3.46	4.82	6.18	7.54	8.90	10.27	11.63	12.99	14.36	15.72	17.09	18.45	19.81	21.18	22.54	23.91	25.27	19.9
21.1-23.0	23.5- 25.7	2.23	3.65	5.08	6.51	7.94	9.37	10.80	12.24	13.67	15.10	16.53	17.97	19.40	20.83	22.27	23.70	25.13	26.56	20.7
23.1-25.0	25.8- 28.0	2.32	3.80	5.28	6.76	8.25	9.73	11.22	12.71	14.19	15.68	17.17	18.65	20.14	21.63	23.11	24.60	26.08	27.57	21.5
25.1-27.0	28.1- 30.4	2.39	3.91	5.44	6.97	8.50	10.03	11.56	13.08	14.61	16.14	17.67	19.20	20.73	22.26	23.79	25.32	26.85	28.38	22.1
27.1-29.0	30.5- 32.7	2.45	4.01	5.57	7.14	8.70	10.26	11.83	13.40	14.96	16.53	18.09	19.66	21.22	22.79	24.36	25.92	27.49	29.05	22.7
29.1-31.0	32.8- 35.1	2.50	4.09	5.68	7.27	8.87	10.46	12.06	13.66	15.25	16.85	18.45	20.04	21.64	23.23	24.83	26.43	28.02	29.62	23.1
31.1-33.0	35.2- 37.5	2.54	4.15	5.77	7.39	9.01	10.64	12.26	13.88	15.50	17.12	18.75	20.37	21.99	23.61	25.24	26.86	28.48	30.10	23.5
33.1-35.0	37.6- 39.9	2.57	4.21	5.85	7.49	9.14	10.78	12.43	14.07	15.72	17.36	19.01	20.65	22.30	23.94	25.59	27.23	28.88	30.52	23.9
35.1-37.0	40.0- 42.3	2.60	4.26	5.92	7.58	9.24	10.91	12.57	14.24	15.90	17.57	19.23	20.90	22.56	24.23	25.89	27.56	29.22	30.89	24.2
37.1-39.0	42.4- 44.7	2.62	4.30	5.98	7.66	9.34	11.02	12.70	14.38	16.07	17.75	19.43	21.12	22.80	24.48	26.16	27.85	29.53	31.21	24.4
39.1-41.0	44.8- 47.1	2.64	4.33	6.03	7.72	9.42	11.12	12.82	14.52	16.21	17.91	19.61	21.31	23.01	24.71	26.40	28.10	29.80	31.50	24.7
41.1-43.0	47.3- 49.6	2.66	4.36	6.07	7.78	9.49	11.21	12.92	14.63	16.34	18.06	19.77	21.48	23.19	24.91	26.62	28.33	30.05	31.76	24.8
43.1-45.0	49.7- 52.1	2.67	4.39	6.11	7.83	9.56	11.28	13.01	14.74	16.46	18.19	19.91	21.64	23.36	25.09	26.81	28.54	30.27	31.99	25.0
45.1-47.0	52.2- 54.6	2.68	4.41	6.15	7.88	9.62	11.35	13.09	14.83	16.57	18.30	20.04	21.78	23.52	25.25	26.99	28.73	30.46	32.20	25.1
47.1-49.0	54.7- 57.1	2.69	4.43	6.18	7.92	9.67	11.42	13.17	14.91	16.66	18.41	20.16	21.91	23.65	25.40	27.15	28.90	30.65	32.39	25.3
49.1-51.0	57.2- 59.6	2.70	4.45	6.20	7.96	9.72	11.48	13.23	14.99	16.75	18.51	20.26	22.02	23.78	25.54	27.30	29.05	30.81	32.57	25.4
51.1-53.0	59.7- 62.1	2.71	4.47	6.23	7.99	9.76	11.53	13.29	15.06	16.83	18.60	20.36	22.13	23.90	25.66	27.43	29.20	30.96	32.73	25.4
53.1-55.0	62.2- 64.7	2.71	4.48	6.25	8.03	9.80	11.58	13.35	15.13	16.90	18.68	20.45	22.23	24.00	25.78	27.55	29.33	31.10	32.88	25.5
55.1-57.0	64.8- 67.2	2.72	4.49	6.27	8.05	9.84	11.62	13.40	15.18	16.97	18.75	20.53	22.32	24.10	25.88	27.67	29.45	31.23	33.01	25.6
57.1-59.0	67.3- 69.8	2.72	4.50	6.29	8.08	9.87	11.66	13.45	15.24	17.03	18.82	20.61	22.40	24.19	25.98	27.77	29.56	31.35	33.14	25.6
59.1-61.0	69.9- 72.4	2.72	4.51	6.30	8.10	9.90	11.69	13.49	15.29	17.09	18.88	20.68	22.48	24.27	26.07	27.87	29.67	31.46	33.26	25.7
61.1-63.0	72.5- 75.0	2.73	4.52	6.32	8.12	9.92	11.73	13.53	15.33	17.14	18.94	20.75	22.55	24.35	26.16	27.96	29.76	31.56	33.37	25.7
63.1-65.0	75.1- 77.6	2.73	4.52	6.33	8.14	9.95	11.76	13.57	15.38	17.19	19.00	20.81	22.61	24.42	26.23	28.04	29.85	31.66	33.47	25.8
65.1-67.0	77.8- 80.3	2.73	4.53	6.34	8.16	9.97	11.79	13.60	15.42	17.23	19.05	20.86	22.68	24.49	26.31	28.12	29.94	31.75	33.57	25.8
67.1-69.0	80.4- 82.9	2.73	4.54	6.35	8.17	9.99	11.81	13.63	15.45	17.27	19.09	20.91	22.73	24.55	26.37	28.19	30.01	31.83	33.65	25.8
69.1-71.0	83.0- 85.6	2.73	4.54	6.36	8.19	10.01	11.84	13.66	15.49	17.31	19.14	20.96	22.79	24.61	26.44	28.26	30.09	31.91	33.74	25.8
71.1-73.0	85.7- 88.3	2.72	4.54	6.37	8.20	10.03	11.86	13.69	15.52	17.35	19.18	21.01	22.84	24.67	26.50	28.33	30.16	31.99	33.82	25.9
73.1-75.0	88.4- 91.0	2.72	4.55	6.38	8.21	10.05	11.88	13.71	15.55	17.38	19.22	21.05	22.89	24.72	26.55	28.39	30.22	32.06	33.89	25.9
75.1-77.0	91.1- 93.7	2.72	4.55	6.38	8.22	10.06	11.90	13.74	15.58	17.42	19.25	21.09	22.93	24.77	26.61	28.45	30.28	32.12	33.96	25.9
77.1-79.0	93.8- 96.4	2.72	4.55	6.39	8.23	10.07	11.92	13.76	15.60	17.45	19.29	21.13	22.97	24.81	26.66	28.50	30.34	32.18	34.03	25.9
79.1-81.0	96.5- 99.1	2.72	4.55	6.39	8.24	10.09	11.93	13.78	15.63	17.47	19.32	21.17	23.01	24.86	26.70	28.55	30.40	32.24	34.09	25.9

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

SPECIES: HARDWOOD
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- 14.3	0.06	0.19	0.31	0.43	0.55	0.67	0.79	0.91	1.03	1.15	1.27	1.39	1.52	1.64	1.76	1.88	2.00	2.12	14.9
13.1-15.0	14.4- 16.5	0.81	1.40	2.00	2.61	3.21	3.82	4.43	5.04	5.65	6.26	6.87	7.47	8.08	8.69	9.30	9.91	10.53	11.14	16.4
15.1-17.0	16.7- 18.8	1.37	2.33	3.30	4.27	5.25	6.22	7.20	8.18	9.16	10.13	11.11	12.09	13.07	14.05	15.03	16.01	16.98	17.96	17.7
17.1-19.0	18.9- 21.1	1.70	2.85	4.00	5.16	6.32	7.48	8.64	9.80	10.96	12.12	13.28	14.45	15.61	16.77	17.93	19.09	20.25	21.42	18.9
19.1-21.0	21.2- 23.4	1.91	3.18	4.45	5.73	7.00	8.28	9.56	10.83	12.11	13.39	14.67	15.95	17.22	18.50	19.78	21.06	22.34	23.61	19.9
21.1-23.0	23.5- 25.7	2.07	3.42	4.77	6.13	7.49	8.85	10.21	11.57	12.93	14.29	15.65	17.01	18.38	19.74	21.10	22.46	23.82	25.18	20.7
23.1-25.0	25.8- 28.0	2.18	3.59	5.01	6.43	7.86	9.28	10.70	12.13	13.55	14.98	16.40	17.83	19.25	20.68	22.10	23.53	24.95	26.38	21.5
25.1-27.0	28.1- 30.4	2.27	3.73	5.20	6.67	8.15	9.62	11.10	12.57	14.05	15.52	17.00	18.47	19.95	21.42	22.90	24.37	25.85	27.32	22.1
27.1-29.0	30.5- 32.7	2.34	3.84	5.35	6.87	8.38	9.90	11.41	12.93	14.45	15.96	17.48	19.00	20.51	22.03	23.55	25.06	26.58	28.10	22.7
29.1-31.0	32.8- 35.1	2.39	3.93	5.48	7.03	8.58	10.13	11.68	13.23	14.78	16.33	17.88	19.43	20.99	22.54	24.09	25.64	27.19	28.74	23.1
31.1-33.0	35.2- 37.5	2.44	4.01	5.58	7.16	8.74	10.32	11.90	13.48	15.06	16.65	18.23	19.81	21.39	22.97	24.55	26.13	27.71	29.29	23.5
33.1-35.0	37.6- 39.9	2.48	4.07	5.67	7.28	8.88	10.49	12.10	13.70	15.31	16.91	18.52	20.13	21.73	23.34	24.95	26.55	28.16	29.77	23.9
35.1-37.0	40.0- 42.3	2.51	4.13	5.75	7.38	9.01	10.63	12.26	13.89	15.52	17.15	18.78	20.41	22.03	23.66	25.29	26.92	28.55	30.18	24.2
37.1-39.0	42.4- 44.7	2.54	4.17	5.82	7.46	9.11	10.76	12.41	14.06	15.70	17.35	19.00	20.65	22.30	23.95	25.60	27.25	28.90	30.54	24.4
39.1-41.0	44.8- 47.1	2.56	4.21	5.88	7.54	9.21	10.87	12.54	14.20	15.87	17.54	19.20	20.87	22.53	24.20	25.87	27.53	29.20	30.87	24.7
41.1-43.0	47.3- 49.6	2.58	4.25	5.93	7.61	9.29	10.97	12.65	14.33	16.02	17.70	19.38	21.06	22.74	24.43	26.11	27.79	29.47	31.16	24.8
43.1-45.0	49.7- 52.1	2.59	4.28	5.97	7.67	9.36	11.06	12.75	14.45	16.15	17.84	19.54	21.24	22.93	24.63	26.33	28.02	29.72	31.42	25.0
45.1-47.0	52.2- 54.6	2.61	4.31	6.01	7.72	9.43	11.14	12.85	14.55	16.26	17.97	19.68	21.39	23.10	24.81	26.52	28.23	29.94	31.65	25.1
47.1-49.0	54.7- 57.1	2.62	4.33	6.05	7.77	9.49	11.21	12.93	14.65	16.37	18.09	19.81	21.54	23.26	24.98	26.70	28.42	30.14	31.86	25.3
49.1-51.0	57.2- 59.6	2.63	4.35	6.08	7.81	9.54	11.27	13.00	14.74	16.47	18.20	19.93	21.67	23.40	25.13	26.86	28.59	30.33	32.06	25.4
51.1-53.0	59.7- 62.1	2.64	4.37	6.11	7.85	9.59	11.33	13.07	14.81	16.56	18.30	20.04	21.78	23.53	25.27	27.01	28.75	30.50	32.24	25.4
53.1-55.0	62.2- 64.7	2.65	4.38	6.13	7.88	9.63	11.38	13.13	14.89	16.64	18.39	20.14	21.89	23.64	25.40	27.15	28.90	30.65	32.40	25.5
55.1-57.0	64.8- 67.2	2.65	4.40	6.15	7.91	9.67	11.43	13.19	14.95	16.71	18.47	20.23	21.99	23.75	25.51	27.27	29.03	30.79	32.55	25.6
57.1-59.0	67.3- 69.8	2.66	4.41	6.17	7.94	9.71	11.48	13.24	15.01	16.78	18.55	20.32	22.09	23.85	25.62	27.39	29.16	30.93	32.69	25.6
59.1-61.0	69.9- 72.4	2.66	4.42	6.19	7.97	9.74	11.52	13.29	15.07	16.84	18.62	20.40	22.17	23.95	25.72	27.50	29.27	31.05	32.82	25.7
61.1-63.0	72.5- 75.0	2.66	4.43	6.21	7.99	9.77	11.55	13.34	15.12	16.90	18.68	20.47	22.25	24.03	25.82	27.60	29.38	31.16	32.95	25.7
63.1-65.0	75.1- 77.6	2.66	4.44	6.22	8.01	9.80	11.59	13.38	15.17	16.96	18.75	20.53	22.32	24.11	25.90	27.69	29.48	31.27	33.06	25.8
65.1-67.0	77.8- 80.3	2.67	4.45	6.24	8.03	9.83	11.62	13.42	15.21	17.01	18.80	20.60	22.39	24.19	25.98	27.78	29.57	31.37	33.16	25.8
67.1-69.0	80.4- 82.9	2.67	4.45	6.25	8.05	9.85	11.65	13.45	15.25	17.05	18.85	20.66	22.46	24.26	26.06	27.86	29.66	31.46	33.26	25.8
69.1-71.0	83.0- 85.6	2.67	4.46	6.26	8.06	9.87	11.68	13.48	15.29	17.10	18.90	20.71	22.52	24.32	26.13	27.94	29.74	31.55	33.35	25.8
71.1-73.0	85.7- 88.3	2.67	4.46	6.27	8.08	9.89	11.70	13.51	15.33	17.14	18.95	20.76	22.57	24.38	26.20	28.01	29.82	31.63	33.44	25.9
73.1-75.0	88.4- 91.0	2.66	4.47	6.28	8.09	9.91	11.73	13.54	15.36	17.18	18.99	20.81	22.63	24.44	26.26	28.07	29.89	31.71	33.52	25.9
75.1-77.0	91.1- 93.7	2.66	4.47	6.29	8.10	9.93	11.75	13.57	15.39	17.21	19.03	20.85	22.67	24.50	26.32	28.14	29.96	31.78	33.60	25.9
77.1-79.0	93.8- 96.4	2.66	4.47	6.29	8.12	9.94	11.77	13.59	15.42	17.24	19.07	20.90	22.72	24.55	26.37	28.20	30.02	31.85	33.67	25.9
79.1-81.0	96.5- 99.1	2.66	4.47	6.30	8.13	9.96	11.79	13.62	15.45	17.28	19.11	20.94	22.76	24.59	26.42	28.25	30.08	31.91	33.74	25.9

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

SPECIES: HARDWOOD
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	14.4- 16.5	0.03	0.13	0.23	0.32	0.42	0.52	0.62	0.71	0.81	0.91	1.01	1.10	1.20	1.30	1.40	1.50	1.59	1.69	16.4
15.1-17.0	16.7- 18.8	0.60	1.05	1.51	1.96	2.41	2.86	3.32	3.77	4.22	4.67	5.13	5.58	6.03	6.48	6.94	7.39	7.84	8.29	17.7
17.1-19.0	18.9- 21.1	1.14	1.97	2.81	3.66	4.51	5.37	6.23	7.08	7.94	8.80	9.66	10.52	11.38	12.23	13.09	13.95	14.81	15.67	18.9
19.1-21.0	21.2- 23.4	1.48	2.52	3.58	4.64	5.70	6.76	7.83	8.89	9.96	11.03	12.09	13.16	14.22	15.29	16.36	17.42	18.49	19.56	19.9
21.1-23.0	23.5- 25.7	1.71	2.89	4.07	5.26	6.45	7.65	8.84	10.03	11.23	12.42	13.62	14.81	16.01	17.20	18.40	19.60	20.79	21.99	20.7
23.1-25.0	25.8- 28.0	1.87	3.14	4.42	5.70	6.99	8.27	9.56	10.84	12.13	13.41	14.70	15.99	17.27	18.56	19.85	21.13	22.42	23.71	21.5
25.1-27.0	28.1- 30.4	2.00	3.34	4.68	6.04	7.39	8.74	10.10	11.45	12.81	14.16	15.52	16.87	18.23	19.59	20.94	22.30	23.65	25.01	22.1
27.1-29.0	30.5- 32.7	2.09	3.49	4.89	6.30	7.71	9.12	10.52	11.93	13.35	14.76	16.17	17.58	18.99	20.40	21.81	23.22	24.63	26.04	22.7
29.1-31.0	32.8- 35.1	2.17	3.61	5.06	6.51	7.96	9.42	10.87	12.33	13.78	15.24	16.70	18.15	19.61	21.06	22.52	23.98	25.43	26.89	23.1
31.1-33.0	35.2- 37.5	2.23	3.71	5.20	6.69	8.18	9.67	11.16	12.66	14.15	15.64	17.14	18.63	20.12	21.62	23.11	24.61	26.10	27.59	23.5
33.1-35.0	37.6- 39.9	2.28	3.79	5.31	6.84	8.36	9.88	11.41	12.93	14.46	15.99	17.51	19.04	20.56	22.09	23.62	25.14	26.67	28.20	23.9
35.1-37.0	40.0- 42.3	2.33	3.86	5.41	6.96	8.51	10.07	11.62	13.17	14.73	16.28	17.84	19.39	20.94	22.50	24.05	25.61	27.16	28.72	24.2
37.1-39.0	42.4- 44.7	2.36	3.92	5.50	7.07	8.65	10.23	11.80	13.38	14.96	16.54	18.12	19.70	21.28	22.85	24.43	26.01	27.59	29.17	24.4
39.1-41.0	44.8- 47.1	2.39	3.98	5.57	7.17	8.77	10.37	11.96	13.56	15.17	16.77	18.37	19.97	21.57	23.17	24.77	26.37	27.97	29.57	24.7
41.1-43.0	47.3- 49.6	2.42	4.02	5.64	7.25	8.87	10.49	12.11	13.73	15.35	16.97	18.59	20.21	21.83	23.45	25.07	26.69	28.31	29.93	24.8
43.1-45.0	49.7- 52.1	2.44	4.06	5.69	7.33	8.96	10.60	12.23	13.87	15.51	17.15	18.78	20.42	22.06	23.70	25.33	26.97	28.61	30.25	25.0
45.1-47.0	52.2- 54.6	2.46	4.10	5.74	7.39	9.04	10.70	12.35	14.00	15.65	17.31	18.96	20.61	22.27	23.92	25.57	27.23	28.88	30.53	25.1
47.1-49.0	54.7- 57.1	2.48	4.13	5.79	7.45	9.12	10.78	12.45	14.12	15.78	17.45	19.12	20.79	22.45	24.12	25.79	27.46	29.13	30.79	25.3
49.1-51.0	57.2- 59.6	2.49	4.15	5.83	7.50	9.18	10.86	12.54	14.22	15.90	17.58	19.26	20.95	22.63	24.31	25.99	27.67	29.35	31.03	25.4
51.1-53.0	59.7- 62.1	2.50	4.18	5.86	7.55	9.24	10.93	12.63	14.32	16.01	17.70	19.40	21.09	22.78	24.48	26.17	27.86	29.55	31.25	25.4
53.1-55.0	62.2- 64.7	2.51	4.20	5.89	7.60	9.30	11.00	12.70	14.41	16.11	17.81	19.52	21.22	22.93	24.63	26.33	28.04	29.74	31.45	25.5
55.1-57.0	64.8- 67.2	2.52	4.22	5.92	7.63	9.35	11.06	12.77	14.49	16.20	17.91	19.63	21.34	23.06	24.77	26.49	28.20	29.91	31.63	25.6
57.1-59.0	67.3- 69.8	2.53	4.23	5.95	7.67	9.39	11.11	12.84	14.56	16.28	18.01	19.73	21.46	23.18	24.90	26.63	28.35	30.07	31.80	25.6
59.1-61.0	69.9- 72.4	2.53	4.25	5.97	7.70	9.43	11.16	12.90	14.63	16.36	18.09	19.83	21.56	23.29	25.02	26.76	28.49	30.22	31.95	25.7
61.1-63.0	72.5- 75.0	2.54	4.26	5.99	7.73	9.47	11.21	12.95	14.69	16.43	18.17	19.91	21.65	23.40	25.14	26.88	28.62	30.36	32.10	25.7
63.1-65.0	75.1- 77.6	2.54	4.27	6.01	7.76	9.50	11.25	13.00	14.75	16.50	18.25	19.99	21.74	23.49	25.24	26.99	28.74	30.49	32.24	25.8
65.1-67.0	77.8- 80.3	2.55	4.28	6.03	7.78	9.54	11.29	13.05	14.80	16.56	18.31	20.07	21.83	23.58	25.34	27.09	28.85	30.61	32.36	25.8
67.1-69.0	80.4- 82.9	2.55	4.29	6.05	7.80	9.57	11.33	13.09	14.85	16.62	18.38	20.14	21.90	23.67	25.43	27.19	28.95	30.72	32.48	25.8
69.1-71.0	83.0- 85.6	2.55	4.30	6.06	7.83	9.59	11.36	13.13	14.90	16.67	18.44	20.21	21.98	23.75	25.51	27.28	29.05	30.82	32.59	25.8
71.1-73.0	85.7- 88.3	2.55	4.30	6.07	7.84	9.62	11.39	13.17	14.94	16.72	18.49	20.27	22.04	23.82	25.59	27.37	29.14	30.92	32.70	25.9
73.1-75.0	88.4- 91.0	2.55	4.31	6.08	7.86	9.64	11.42	13.20	14.98	16.76	18.54	20.33	22.11	23.89	25.67	27.45	29.23	31.01	32.79	25.9
75.1-77.0	91.1- 93.7	2.55	4.32	6.09	7.88	9.66	11.45	13.23	15.02	16.81	18.59	20.38	22.17	23.95	25.74	27.53	29.31	31.10	32.89	25.9
77.1-79.0	93.8- 96.4	2.55	4.32	6.10	7.89	9.68	11.47	13.26	15.06	16.85	18.64	20.43	22.22	24.01	25.81	27.60	29.39	31.18	32.97	25.9
79.1-81.0	96.5- 99.1	2.55	4.32	6.11	7.90	9.70	11.50	13.29	15.09	16.88	18.68	20.48	22.27	24.07	25.87	27.66	29.46	31.26	33.05	25.9

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

SPECIES: HARDWOOD
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	16.7- 18.8	0.01	0.09	0.17	0.26	0.34	0.42	0.50	0.58	0.67	0.75	0.83	0.91	1.00	1.08	1.16	1.24	1.33	1.41	17.7
17.1-19.0	18.9- 21.1	0.46	0.81	1.15	1.49	1.83	2.17	2.51	2.84	3.18	3.51	3.85	4.18	4.51	4.85	5.18	5.52	5.85	6.19	18.9
19.1-21.0	21.2- 23.4	0.94	1.65	2.37	3.09	3.82	4.56	5.29	6.03	6.77	7.50	8.24	8.98	9.72	10.46	11.20	11.94	12.68	13.42	19.9
21.1-23.0	23.5- 25.7	1.28	2.22	3.18	4.14	5.11	6.08	7.05	8.02	9.00	9.97	10.94	11.92	12.89	13.86	14.84	15.81	16.79	17.76	20.7
23.1-25.0	25.8- 28.0	1.52	2.61	3.71	4.82	5.93	7.04	8.16	9.27	10.39	11.50	12.62	13.74	14.85	15.97	17.09	18.20	19.32	20.44	21.5
25.1-27.0	28.1- 30.4	1.70	2.89	4.09	5.30	6.51	7.72	8.94	10.15	11.37	12.58	13.80	15.01	16.23	17.44	18.66	19.88	21.09	22.31	22.1
27.1-29.0	30.5- 32.7	1.83	3.09	4.37	5.66	6.95	8.23	9.52	10.81	12.10	13.39	14.68	15.97	17.26	18.56	19.85	21.14	22.43	23.72	22.7
29.1-31.0	32.8- 35.1	1.93	3.26	4.60	5.94	7.29	8.64	9.99	11.33	12.68	14.03	15.38	16.73	18.08	19.44	20.79	22.14	23.49	24.84	23.1
31.1-33.0	35.2- 37.5	2.01	3.39	4.78	6.17	7.57	8.96	10.36	11.76	13.16	14.56	15.96	17.35	18.75	20.15	21.55	22.95	24.35	25.75	23.5
33.1-35.0	37.6- 39.9	2.08	3.50	4.93	6.36	7.80	9.24	10.68	12.12	13.55	14.99	16.43	17.87	19.31	20.75	22.19	23.63	25.07	26.51	23.9
35.1-37.0	40.0- 42.3	2.14	3.59	5.05	6.52	8.00	9.47	10.94	12.42	13.89	15.36	16.84	18.31	19.79	21.26	22.74	24.21	25.69	27.16	24.2
37.1-39.0	42.4- 44.7	2.18	3.67	5.16	6.66	8.16	9.67	11.17	12.68	14.18	15.68	17.19	18.69	20.20	21.70	23.21	24.72	26.22	27.73	24.4
39.1-41.0	44.8- 47.1	2.22	3.73	5.26	6.78	8.31	9.84	11.37	12.90	14.43	15.96	17.49	19.03	20.56	22.09	23.62	25.15	26.69	28.22	24.7
41.1-43.0	47.3- 49.6	2.26	3.79	5.34	6.89	8.44	9.99	11.55	13.10	14.65	16.21	17.76	19.32	20.87	22.43	23.98	25.54	27.10	28.65	24.8
43.1-45.0	49.7- 52.1	2.29	3.84	5.41	6.98	8.55	10.13	11.70	13.28	14.85	16.43	18.00	19.58	21.16	22.73	24.31	25.88	27.46	29.04	25.0
45.1-47.0	52.2- 54.6	2.31	3.88	5.47	7.06	8.65	10.24	11.84	13.43	15.03	16.62	18.22	19.81	21.41	23.00	24.60	26.19	27.79	29.38	25.1
47.1-49.0	54.7- 57.1	2.33	3.92	5.52	7.13	8.74	10.35	11.96	13.57	15.19	16.80	18.41	20.02	21.63	23.25	24.86	26.47	28.08	29.70	25.3
49.1-51.0	57.2- 59.6	2.35	3.96	5.57	7.20	8.82	10.45	12.07	13.70	15.33	16.96	18.58	20.21	21.84	23.47	25.10	26.72	28.35	29.98	25.4
51.1-53.0	59.7- 62.1	2.37	3.99	5.62	7.26	8.89	10.53	12.18	13.82	15.46	17.10	18.74	20.38	22.03	23.67	25.31	26.95	28.60	30.24	25.4
53.1-55.0	62.2- 64.7	2.38	4.01	5.66	7.31	8.96	10.61	12.27	13.92	15.58	17.23	18.89	20.54	22.20	23.85	25.51	27.16	28.82	30.47	25.5
55.1-57.0	64.8- 67.2	2.39	4.04	5.69	7.36	9.02	10.69	12.35	14.02	15.69	17.35	19.02	20.69	22.35	24.02	25.69	27.36	29.02	30.69	25.6
57.1-59.0	67.3- 69.8	2.40	4.06	5.73	7.40	9.07	10.75	12.43	14.11	15.78	17.46	19.14	20.82	22.50	24.18	25.86	27.53	29.21	30.89	25.6
59.1-61.0	69.9- 72.4	2.41	4.08	5.75	7.44	9.12	10.81	12.50	14.19	15.88	17.56	19.25	20.94	22.63	24.32	26.01	27.70	29.39	31.08	25.7
61.1-63.0	72.5- 75.0	2.42	4.09	5.78	7.47	9.17	10.87	12.56	14.26	15.96	17.66	19.36	21.06	22.75	24.45	26.15	27.85	29.55	31.25	25.7
63.1-65.0	75.1- 77.6	2.43	4.11	5.80	7.51	9.21	10.92	12.62	14.33	16.04	17.75	19.45	21.16	22.87	24.58	26.29	27.99	29.70	31.41	25.8
65.1-67.0	77.8- 80.3	2.43	4.12	5.83	7.54	9.25	10.96	12.68	14.40	16.11	17.83	19.54	21.26	22.98	24.69	26.41	28.13	29.84	31.56	25.8
67.1-69.0	80.4- 82.9	2.44	4.13	5.85	7.56	9.29	11.01	12.73	14.45	16.18	17.90	19.63	21.35	23.08	24.80	26.52	28.25	29.97	31.70	25.8
69.1-71.0	83.0- 85.6	2.44	4.14	5.86	7.59	9.32	11.05	12.78	14.51	16.24	17.97	19.70	21.44	23.17	24.90	26.63	28.36	30.10	31.83	25.8
71.1-73.0	85.7- 88.3	2.44	4.15	5.88	7.61	9.35	11.09	12.82	14.56	16.30	18.04	19.78	21.52	23.25	24.99	26.73	28.47	30.21	31.95	25.9
73.1-75.0	88.4- 91.0	2.45	4.16	5.89	7.63	9.38	11.12	12.86	14.61	16.35	18.10	19.85	21.59	23.34	25.08	26.83	28.57	30.32	32.06	25.9
75.1-77.0	91.1- 93.7	2.45	4.17	5.91	7.65	9.40	11.15	12.90	14.65	16.41	18.16	19.91	21.66	23.41	25.16	26.92	28.67	30.42	32.17	25.9
77.1-79.0	93.8- 96.4	2.45	4.17	5.92	7.67	9.43	11.18	12.94	14.70	16.45	18.21	19.97	21.73	23.48	25.24	27.00	28.76	30.52	32.27	25.9
79.1-81.0	96.5- 99.1	2.45	4.18	5.93	7.69	9.45	11.21	12.97	14.74	16.50	18.26	20.03	21.79	23.55	25.32	27.08	28.84	30.61	32.37	25.9

12.0 NUMBER OF TREES PER CUBIC METRE OF MERCHANTABLE VOLUME TABLES FOR NATURAL REGIONS 2, 14, 15, 16

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

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	5.6- 7.6	595.738	338.363	235.457	180.259	145.903	122.487	105.515	92.655	82.577	74.469	67.806	62.234	57.505	53.443	49.915	46.823	44.090	41.659	8.6
7.1- 9.0	7.7- 9.7	179.256	105.006	74.059	57.148	46.505	39.195	33.866	29.810	26.620	24.045	21.924	20.146	18.634	17.333	16.202	15.209	14.331	13.548	10.5
9.1-11.0	9.8- 11.8	107.976	63.519	44.884	34.673	28.235	23.807	20.577	18.118	16.182	14.619	13.331	12.251	11.333	10.543	9.855	9.252	8.718	8.242	12.3
11.1-13.0	11.9- 14.0	75.159	44.095	31.115	24.013	19.542	16.469	14.230	12.525	11.184	10.102	9.210	8.463	7.827	7.281	6.805	6.388	6.019	5.690	13.9
13.1-15.0	14.1- 16.2	56.171	32.815	23.104	17.806	14.476	12.191	10.527	9.262	8.267	7.465	6.804	6.251	5.780	5.376	5.024	4.715	4.442	4.199	15.3
15.1-17.0	16.3- 18.4	43.896	25.529	17.932	13.799	11.207	9.430	8.138	7.156	6.385	5.764	5.252	4.824	4.460	4.147	3.875	3.636	3.425	3.237	16.6
17.1-19.0	18.5- 20.6	35.392	20.496	14.365	11.038	8.955	7.530	6.494	5.708	5.090	4.593	4.184	3.842	3.551	3.302	3.085	2.894	2.726	2.576	17.8
19.1-21.0	20.7- 22.9	29.207	16.851	11.786	9.044	7.330	6.159	5.308	4.663	4.158	3.750	3.415	3.135	2.897	2.693	2.516	2.360	2.222	2.100	18.8
21.1-23.0	23.0- 25.2	24.543	14.114	9.854	7.552	6.115	5.135	4.423	3.884	3.461	3.121	2.842	2.608	2.410	2.239	2.091	1.962	1.847	1.745	19.8
23.1-25.0	25.3- 27.5	20.923	11.999	8.365	6.404	5.181	4.348	3.743	3.285	2.927	2.638	2.401	2.203	2.035	1.891	1.766	1.656	1.559	1.473	20.6
25.1-27.0	27.7- 29.9	18.048	10.328	7.191	5.500	4.447	3.729	3.209	2.815	2.507	2.259	2.056	1.886	1.742	1.618	1.511	1.417	1.333	1.260	21.4
27.1-29.0	30.0- 32.3	15.722	8.982	6.247	4.775	3.858	3.233	2.781	2.439	2.171	1.956	1.780	1.632	1.507	1.400	1.307	1.225	1.153	1.089	22.1
29.1-31.0	32.4- 34.7	13.808	7.880	5.477	4.183	3.378	2.829	2.433	2.133	1.898	1.709	1.555	1.426	1.316	1.222	1.141	1.069	1.007	0.951	22.7
31.1-33.0	34.8- 37.2	12.213	6.965	4.838	3.693	2.981	2.496	2.145	1.880	1.673	1.506	1.370	1.256	1.159	1.076	1.004	0.941	0.886	0.836	23.3
33.1-35.0	37.3- 39.7	10.868	6.196	4.303	3.284	2.649	2.217	1.905	1.669	1.485	1.337	1.215	1.114	1.028	0.954	0.890	0.834	0.785	0.741	23.8
35.1-37.0	39.8- 42.2	9.722	5.544	3.850	2.937	2.369	1.982	1.703	1.491	1.326	1.193	1.085	0.994	0.917	0.852	0.794	0.744	0.700	0.661	24.2
37.1-39.0	42.3- 44.7	8.737	4.985	3.463	2.641	2.130	1.782	1.530	1.340	1.191	1.072	0.974	0.892	0.823	0.764	0.713	0.668	0.628	0.593	24.6
39.1-41.0	44.8- 47.3	7.884	4.502	3.129	2.387	1.924	1.609	1.381	1.209	1.075	0.967	0.879	0.805	0.743	0.689	0.643	0.602	0.566	0.535	25.0
41.1-43.0	47.4- 49.9	7.140	4.083	2.838	2.166	1.746	1.460	1.253	1.097	0.975	0.877	0.797	0.730	0.673	0.624	0.582	0.546	0.513	0.484	25.3
43.1-45.0	50.0- 52.5	6.486	3.715	2.585	1.973	1.590	1.330	1.141	0.999	0.887	0.798	0.725	0.664	0.612	0.568	0.530	0.496	0.467	0.440	25.6
45.1-47.0	52.6- 55.2	5.910	3.391	2.362	1.803	1.454	1.215	1.043	0.913	0.811	0.729	0.662	0.606	0.559	0.519	0.484	0.453	0.426	0.402	25.9
47.1-49.0	55.3- 57.8	5.398	3.105	2.165	1.653	1.333	1.115	0.956	0.837	0.743	0.668	0.607	0.556	0.512	0.475	0.443	0.415	0.390	0.368	26.2
49.1-51.0	58.0- 60.6	4.943	2.850	1.990	1.520	1.226	1.025	0.880	0.770	0.684	0.615	0.558	0.511	0.471	0.437	0.407	0.381	0.358	0.338	26.4
51.1-53.0	60.7- 63.3	4.535	2.622	1.833	1.402	1.131	0.946	0.811	0.710	0.630	0.567	0.514	0.471	0.434	0.403	0.375	0.351	0.330	0.312	26.6
53.1-55.0	63.4- 66.1	4.169	2.417	1.693	1.296	1.046	0.874	0.750	0.656	0.583	0.524	0.476	0.435	0.401	0.372	0.347	0.325	0.305	0.288	26.8
55.1-57.0	66.2- 68.9	3.840	2.233	1.567	1.200	0.969	0.810	0.695	0.608	0.540	0.486	0.441	0.403	0.372	0.345	0.321	0.301	0.283	0.267	26.9
57.1-59.0	69.0- 71.7	3.542	2.067	1.453	1.114	0.900	0.753	0.646	0.565	0.502	0.451	0.409	0.375	0.345	0.320	0.298	0.279	0.262	0.248	27.1
59.1-61.0	71.9- 74.6	3.272	1.917	1.350	1.036	0.837	0.701	0.601	0.526	0.467	0.420	0.381	0.349	0.321	0.298	0.278	0.260	0.244	0.230	27.2
61.1-63.0	74.7- 77.5	3.027	1.780	1.256	0.965	0.780	0.653	0.561	0.491	0.436	0.391	0.355	0.325	0.300	0.278	0.259	0.242	0.228	0.215	27.3
63.1-65.0	77.6- 80.4	2.804	1.655	1.171	0.901	0.729	0.610	0.524	0.458	0.407	0.366	0.332	0.304	0.280	0.259	0.242	0.226	0.213	0.201	27.4
65.1-67.0	80.6- 83.4	2.600	1.541	1.093	0.842	0.681	0.571	0.490	0.429	0.381	0.342	0.311	0.284	0.262	0.243	0.226	0.212	0.199	0.188	27.5
67.1-69.0	83.5- 86.3	2.414	1.437	1.021	0.788	0.638	0.535	0.459	0.402	0.357	0.321	0.291	0.266	0.245	0.228	0.212	0.198	0.186	0.176	27.6
69.1-71.0	86.5- 89.3	2.243	1.341	0.956	0.738	0.599	0.502	0.431	0.377	0.335	0.301	0.273	0.250	0.230	0.214	0.199	0.186	0.175	0.165	27.7
71.1-73.0	89.5- 92.4	2.086	1.253	0.895	0.693	0.562	0.472	0.405	0.355	0.315	0.283	0.257	0.235	0.217	0.201	0.187	0.175	0.164	0.155	27.8
73.1-75.0	92.5- 95.5	1.943	1.172	0.840	0.651	0.529	0.444	0.381	0.334	0.297	0.267	0.242	0.221	0.204	0.189	0.176	0.165	0.155	0.146	27.8
75.1-77.0	95.6- 98.6	1.810	1.097	0.789	0.612	0.498	0.418	0.359	0.315	0.280	0.251	0.228	0.209	0.192	0.178	0.166	0.155	0.146	0.138	27.9
77.1-79.0	98.7-101.7	1.688	1.028	0.741	0.576	0.469	0.394	0.339	0.297	0.264	0.237	0.215	0.197	0.181	0.168	0.157	0.147	0.138	0.130	27.9
79.1-81.0	101.8-104.8	1.575	0.964	0.697	0.543	0.442	0.372	0.320	0.280	0.249	0.224	0.203	0.186	0.171	0.159	0.148	0.138	0.130	0.123	28.0

Table 54. Trees/m³ of merchantable volume at 0.30 m stump height and 7.0 cm top dib

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	7.7- 9.7	643.000	375.159	269.615	211.932	175.161	149.518	130.547	115.913	104.265	94.765	86.865	80.188	74.470	69.516	65.183	61.359	57.961	54.920	10.5
9.1-11.0	9.8- 11.8	145.853	82.954	57.616	44.039	35.605	29.867	25.714	22.571	20.110	18.131	16.506	15.148	13.995	13.005	12.146	11.393	10.728	10.136	12.3
11.1-13.0	11.9- 14.0	86.312	49.676	34.724	26.650	21.607	18.162	15.661	13.764	12.275	11.077	10.091	9.266	8.565	7.963	7.439	6.980	6.575	6.214	13.9
13.1-15.0	14.1- 16.2	60.901	35.141	24.594	18.888	15.320	12.881	11.109	9.764	8.709	7.859	7.160	6.575	6.078	5.651	5.279	4.954	4.666	4.410	15.3
15.1-17.0	16.3- 18.4	46.300	26.693	18.671	14.332	11.621	9.768	8.422	7.401	6.600	5.955	5.425	4.981	4.604	4.280	3.998	3.751	3.533	3.339	16.6
17.1-19.0	18.5- 20.6	36.757	21.148	14.775	11.332	9.182	7.714	6.649	5.841	5.207	4.697	4.278	3.927	3.629	3.374	3.151	2.956	2.784	2.631	17.8
19.1-21.0	20.7- 22.9	30.045	17.246	12.033	9.220	7.466	6.268	5.400	4.742	4.226	3.811	3.470	3.185	2.943	2.735	2.555	2.396	2.256	2.132	18.8
21.1-23.0	23.0- 25.2	25.086	14.367	10.011	7.664	6.201	5.203	4.481	3.933	3.504	3.159	2.876	2.639	2.438	2.265	2.115	1.984	1.868	1.765	19.8
23.1-25.0	25.3- 27.5	21.291	12.170	8.470	6.478	5.238	4.393	3.781	3.318	2.955	2.663	2.424	2.224	2.054	1.908	1.782	1.671	1.573	1.486	20.6
25.1-27.0	27.7- 29.9	18.306	10.447	7.264	5.551	4.486	3.760	3.235	2.837	2.526	2.276	2.071	1.900	1.754	1.630	1.521	1.426	1.343	1.268	21.4
27.1-29.0	30.0- 32.3	15.908	9.067	6.299	4.811	3.885	3.255	2.799	2.454	2.185	1.968	1.790	1.642	1.516	1.408	1.314	1.232	1.160	1.095	22.1
29.1-31.0	32.4- 34.7	13.946	7.942	5.515	4.209	3.397	2.845	2.446	2.144	1.908	1.718	1.562	1.433	1.322	1.228	1.146	1.074	1.011	0.955	22.7
31.1-33.0	34.8- 37.2	12.317	7.012	4.867	3.713	2.996	2.508	2.155	1.888	1.680	1.512	1.375	1.261	1.164	1.080	1.008	0.945	0.889	0.840	23.3
33.1-35.0	37.3- 39.7	10.947	6.232	4.325	3.299	2.660	2.226	1.912	1.675	1.490	1.341	1.219	1.118	1.031	0.957	0.893	0.837	0.788	0.744	23.8
35.1-37.0	39.8- 42.2	9.784	5.572	3.867	2.949	2.378	1.989	1.708	1.496	1.330	1.197	1.088	0.997	0.920	0.854	0.797	0.747	0.702	0.663	24.2
37.1-39.0	42.3- 44.7	8.785	5.007	3.476	2.650	2.136	1.787	1.534	1.343	1.194	1.075	0.976	0.895	0.825	0.766	0.715	0.669	0.630	0.594	24.6
39.1-41.0	44.8- 47.3	7.922	4.520	3.139	2.394	1.929	1.613	1.385	1.212	1.078	0.969	0.881	0.807	0.744	0.691	0.644	0.603	0.568	0.536	25.0
41.1-43.0	47.4- 49.9	7.170	4.097	2.847	2.171	1.750	1.463	1.256	1.099	0.977	0.879	0.798	0.731	0.674	0.626	0.583	0.546	0.514	0.485	25.3
43.1-45.0	50.0- 52.5	6.511	3.726	2.592	1.977	1.594	1.332	1.143	1.000	0.889	0.799	0.726	0.665	0.613	0.569	0.531	0.497	0.467	0.441	25.6
45.1-47.0	52.6- 55.2	5.930	3.400	2.367	1.807	1.456	1.218	1.045	0.914	0.812	0.730	0.663	0.607	0.560	0.519	0.484	0.454	0.427	0.402	25.9
47.1-49.0	55.3- 57.8	5.415	3.112	2.169	1.656	1.335	1.116	0.958	0.838	0.744	0.669	0.608	0.556	0.513	0.476	0.444	0.415	0.391	0.369	26.2
49.1-51.0	58.0- 60.6	4.956	2.856	1.993	1.523	1.228	1.027	0.881	0.771	0.684	0.615	0.559	0.511	0.472	0.437	0.408	0.382	0.359	0.339	26.4
51.1-53.0	60.7- 63.3	4.546	2.627	1.836	1.404	1.132	0.947	0.812	0.711	0.631	0.567	0.515	0.471	0.435	0.403	0.376	0.352	0.331	0.312	26.6
53.1-55.0	63.4- 66.1	4.179	2.422	1.696	1.297	1.047	0.875	0.751	0.657	0.583	0.524	0.476	0.436	0.402	0.372	0.347	0.325	0.306	0.288	26.8
55.1-57.0	66.2- 68.9	3.848	2.237	1.569	1.202	0.970	0.811	0.696	0.609	0.541	0.486	0.441	0.404	0.372	0.345	0.322	0.301	0.283	0.267	26.9
57.1-59.0	69.0- 71.7	3.549	2.070	1.455	1.115	0.901	0.754	0.647	0.566	0.502	0.451	0.410	0.375	0.346	0.320	0.299	0.279	0.263	0.248	27.1
59.1-61.0	71.9- 74.6	3.278	1.919	1.351	1.037	0.838	0.701	0.602	0.526	0.467	0.420	0.381	0.349	0.322	0.298	0.278	0.260	0.244	0.230	27.2
61.1-63.0	74.7- 77.5	3.032	1.782	1.258	0.966	0.781	0.654	0.561	0.491	0.436	0.392	0.356	0.325	0.300	0.278	0.259	0.242	0.228	0.215	27.3
63.1-65.0	77.6- 80.4	2.808	1.657	1.172	0.901	0.729	0.611	0.524	0.459	0.407	0.366	0.332	0.304	0.280	0.260	0.242	0.226	0.213	0.201	27.4
65.1-67.0	80.6- 83.4	2.603	1.543	1.094	0.842	0.682	0.571	0.491	0.429	0.381	0.343	0.311	0.284	0.262	0.243	0.226	0.212	0.199	0.188	27.5
67.1-69.0	83.5- 86.3	2.417	1.438	1.022	0.788	0.639	0.535	0.460	0.402	0.357	0.321	0.291	0.267	0.246	0.228	0.212	0.198	0.187	0.176	27.6
69.1-71.0	86.5- 89.3	2.246	1.342	0.957	0.739	0.599	0.502	0.431	0.378	0.335	0.301	0.274	0.250	0.231	0.214	0.199	0.186	0.175	0.165	27.7
71.1-73.0	89.5- 92.4	2.089	1.254	0.896	0.693	0.563	0.472	0.405	0.355	0.315	0.283	0.257	0.235	0.217	0.201	0.187	0.175	0.165	0.155	27.8
73.1-75.0	92.5- 95.5	1.944	1.173	0.840	0.651	0.529	0.444	0.382	0.334	0.297	0.267	0.242	0.221	0.204	0.189	0.176	0.165	0.155	0.146	27.8
75.1-77.0	95.6- 98.6	1.812	1.098	0.789	0.612	0.498	0.418	0.360	0.315	0.280	0.251	0.228	0.209	0.192	0.178	0.166	0.155	0.146	0.138	27.9
77.1-79.0	98.7-101.7	1.689	1.029	0.742	0.576	0.469	0.394	0.339	0.297	0.264	0.237	0.215	0.197	0.181	0.168	0.157	0.147	0.138	0.130	27.9
79.1-81.0	101.8-104.8	1.576	0.965	0.698	0.543	0.443	0.372	0.320	0.281	0.249	0.224	0.203	0.186	0.171	0.159	0.148	0.138	0.130	0.123	28.0

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

Table 55. Trees/m³ of merchantable volume at 0.30 m stump height and 10.0 cm top dib

SPECIES: HARDWOOD
NATURAL REGIONS: 2, 14, 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	11.9- 14.0	213.570	124.598	88.998	69.580	57.269	48.734	42.451	37.626	33.799	30.687	28.106	25.928	24.067	22.457	21.050	19.810	18.708	17.724	13.9
13.1-15.0	14.1- 16.2	88.581	49.633	34.141	25.910	20.834	17.402	14.930	13.068	11.616	10.453	9.500	8.705	8.033	7.456	6.957	6.520	6.134	5.792	15.3
15.1-17.0	16.3- 18.4	56.991	32.078	22.140	16.850	13.581	11.365	9.767	8.560	7.618	6.861	6.241	5.723	5.284	4.908	4.581	4.295	4.043	3.818	16.6
17.1-19.0	18.5- 20.6	42.000	23.739	16.426	12.523	10.105	8.464	7.279	6.383	5.682	5.120	4.658	4.273	3.946	3.665	3.422	3.209	3.021	2.853	17.8
19.1-21.0	20.7- 22.9	32.980	18.677	12.938	9.869	7.967	6.675	5.741	5.035	4.482	4.039	3.675	3.371	3.113	2.892	2.700	2.532	2.383	2.251	18.8
21.1-23.0	23.0- 25.2	26.875	15.231	10.554	8.051	6.499	5.444	4.682	4.106	3.655	3.293	2.996	2.748	2.538	2.357	2.201	2.064	1.942	1.835	19.8
23.1-25.0	25.3- 27.5	22.449	12.725	8.817	6.725	5.427	4.545	3.908	3.426	3.050	2.747	2.499	2.292	2.116	1.966	1.835	1.720	1.619	1.529	20.6
25.1-27.0	27.7- 29.9	19.090	10.820	7.496	5.716	4.611	3.861	3.319	2.909	2.589	2.332	2.121	1.945	1.795	1.667	1.556	1.459	1.373	1.297	21.4
27.1-29.0	30.0- 32.3	16.457	9.328	6.461	4.925	3.972	3.325	2.857	2.504	2.227	2.006	1.824	1.672	1.544	1.433	1.338	1.254	1.180	1.114	22.1
29.1-31.0	32.4- 34.7	14.342	8.130	5.630	4.291	3.459	2.895	2.487	2.179	1.938	1.745	1.586	1.454	1.342	1.246	1.163	1.090	1.026	0.968	22.7
31.1-33.0	34.8- 37.2	12.609	7.150	4.952	3.773	3.041	2.544	2.185	1.914	1.702	1.532	1.393	1.276	1.178	1.093	1.020	0.956	0.900	0.849	23.3
33.1-35.0	37.3- 39.7	11.167	6.336	4.388	3.343	2.694	2.253	1.935	1.694	1.506	1.356	1.232	1.129	1.042	0.967	0.902	0.845	0.795	0.751	23.8
35.1-37.0	39.8- 42.2	9.951	5.651	3.915	2.983	2.403	2.009	1.725	1.510	1.342	1.208	1.098	1.006	0.928	0.861	0.803	0.753	0.708	0.668	24.2
37.1-39.0	42.3- 44.7	8.915	5.068	3.513	2.677	2.156	1.803	1.547	1.354	1.204	1.083	0.984	0.901	0.831	0.772	0.720	0.674	0.634	0.599	24.6
39.1-41.0	44.8- 47.3	8.024	4.568	3.169	2.414	1.945	1.626	1.395	1.221	1.085	0.976	0.886	0.812	0.749	0.695	0.648	0.607	0.571	0.539	25.0
41.1-43.0	47.4- 49.9	7.251	4.135	2.870	2.188	1.762	1.473	1.264	1.106	0.982	0.884	0.803	0.735	0.678	0.629	0.586	0.549	0.517	0.488	25.3
43.1-45.0	50.0- 52.5	6.575	3.757	2.611	1.990	1.604	1.340	1.150	1.006	0.894	0.804	0.730	0.668	0.616	0.572	0.533	0.499	0.469	0.443	25.6
45.1-47.0	52.6- 55.2	5.982	3.425	2.383	1.818	1.464	1.224	1.050	0.918	0.816	0.733	0.666	0.610	0.562	0.522	0.486	0.455	0.428	0.404	25.9
47.1-49.0	55.3- 57.8	5.457	3.133	2.182	1.665	1.342	1.122	0.962	0.842	0.747	0.672	0.610	0.559	0.515	0.478	0.445	0.417	0.392	0.370	26.2
49.1-51.0	58.0- 60.6	4.991	2.873	2.004	1.530	1.234	1.031	0.884	0.774	0.687	0.617	0.561	0.513	0.473	0.439	0.409	0.383	0.360	0.340	26.4
51.1-53.0	60.7- 63.3	4.575	2.641	1.845	1.410	1.137	0.950	0.815	0.713	0.633	0.569	0.517	0.473	0.436	0.404	0.377	0.353	0.332	0.313	26.6
53.1-55.0	63.4- 66.1	4.202	2.433	1.703	1.302	1.051	0.878	0.754	0.659	0.585	0.526	0.477	0.437	0.403	0.373	0.348	0.326	0.306	0.289	26.8
55.1-57.0	66.2- 68.9	3.867	2.247	1.575	1.206	0.973	0.814	0.698	0.611	0.542	0.487	0.442	0.405	0.373	0.346	0.322	0.302	0.284	0.268	26.9
57.1-59.0	69.0- 71.7	3.565	2.079	1.460	1.119	0.903	0.756	0.648	0.567	0.503	0.452	0.411	0.376	0.346	0.321	0.299	0.280	0.263	0.248	27.1
59.1-61.0	71.9- 74.6	3.291	1.926	1.356	1.040	0.840	0.703	0.603	0.528	0.468	0.421	0.382	0.350	0.322	0.299	0.278	0.261	0.245	0.231	27.2
61.1-63.0	74.7- 77.5	3.043	1.788	1.261	0.969	0.783	0.655	0.562	0.492	0.437	0.393	0.356	0.326	0.300	0.278	0.259	0.243	0.228	0.215	27.3
63.1-65.0	77.6- 80.4	2.817	1.662	1.175	0.904	0.731	0.612	0.525	0.460	0.408	0.367	0.333	0.304	0.281	0.260	0.242	0.227	0.213	0.201	27.4
65.1-67.0	80.6- 83.4	2.612	1.547	1.097	0.844	0.683	0.572	0.491	0.430	0.382	0.343	0.311	0.285	0.262	0.243	0.227	0.212	0.199	0.188	27.5
67.1-69.0	83.5- 86.3	2.423	1.442	1.025	0.790	0.640	0.536	0.461	0.403	0.358	0.322	0.292	0.267	0.246	0.228	0.212	0.199	0.187	0.176	27.6
69.1-71.0	86.5- 89.3	2.251	1.345	0.959	0.740	0.600	0.503	0.432	0.378	0.336	0.302	0.274	0.251	0.231	0.214	0.199	0.187	0.175	0.165	27.7
71.1-73.0	89.5- 92.4	2.094	1.257	0.898	0.694	0.564	0.473	0.406	0.355	0.316	0.284	0.257	0.236	0.217	0.201	0.187	0.175	0.165	0.155	27.8
73.1-75.0	92.5- 95.5	1.949	1.175	0.842	0.652	0.530	0.445	0.382	0.335	0.297	0.267	0.242	0.222	0.204	0.189	0.176	0.165	0.155	0.146	27.8
75.1-77.0	95.6- 98.6	1.815	1.100	0.790	0.613	0.499	0.419	0.360	0.315	0.280	0.252	0.228	0.209	0.192	0.178	0.166	0.155	0.146	0.138	27.9
77.1-79.0	98.7-101.7	1.692	1.031	0.743	0.577	0.470	0.395	0.340	0.297	0.264	0.237	0.216	0.197	0.182	0.168	0.157	0.147	0.138	0.130	27.9
79.1-81.0	101.8-104.8	1.579	0.966	0.699	0.544	0.443	0.373	0.321	0.281	0.250	0.224	0.204	0.186	0.172	0.159	0.148	0.139	0.130	0.123	28.0

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: HARDWOOD
NATURAL REGIONS: 2, 14, 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	11.9- 14.0	635.886	405.928	316.936	264.310	227.651	200.070	178.399	160.879	146.414	134.272	123.940	115.047	107.316	100.536	94.545	89.213	84.440	80.143	13.9
13.1-15.0	14.1- 16.2	119.418	67.880	47.243	36.135	29.208	24.483	21.058	18.465	16.434	14.802	13.463	12.344	11.395	10.581	9.874	9.256	8.710	8.224	15.3
15.1-17.0	16.3- 18.4	65.495	36.639	25.172	19.087	15.337	12.804	10.982	9.610	8.540	7.683	6.982	6.397	5.902	5.478	5.111	4.789	4.506	4.254	16.6
17.1-19.0	18.5- 20.6	45.529	25.555	17.604	13.379	10.771	9.006	7.734	6.775	6.026	5.426	4.933	4.523	4.175	3.877	3.618	3.391	3.192	3.014	17.8
19.1-21.0	20.7- 22.9	34.771	19.580	13.516	10.287	8.290	6.937	5.960	5.223	4.648	4.186	3.807	3.491	3.223	2.993	2.794	2.619	2.465	2.328	18.8
21.1-23.0	23.0- 25.2	27.901	15.741	10.878	8.284	6.678	5.590	4.804	4.210	3.746	3.374	3.069	2.814	2.598	2.413	2.252	2.111	1.987	1.877	19.8
23.1-25.0	25.3- 27.5	23.084	13.037	9.014	6.866	5.536	4.633	3.981	3.489	3.105	2.796	2.543	2.331	2.152	1.999	1.866	1.749	1.646	1.555	20.6
25.1-27.0	27.7- 29.9	19.507	11.024	7.624	5.807	4.681	3.917	3.366	2.949	2.624	2.363	2.148	1.970	1.818	1.688	1.576	1.477	1.390	1.313	21.4
27.1-29.0	30.0- 32.3	16.742	9.466	6.547	4.986	4.019	3.362	2.888	2.530	2.251	2.027	1.843	1.689	1.559	1.448	1.351	1.266	1.191	1.125	22.1
29.1-31.0	32.4- 34.7	14.543	8.227	5.691	4.334	3.492	2.921	2.509	2.197	1.954	1.759	1.599	1.466	1.353	1.256	1.172	1.098	1.033	0.976	22.7
31.1-33.0	34.8- 37.2	12.755	7.220	4.996	3.804	3.065	2.563	2.200	1.927	1.713	1.542	1.402	1.285	1.185	1.100	1.027	0.962	0.905	0.855	23.3
33.1-35.0	37.3- 39.7	11.275	6.388	4.421	3.366	2.712	2.267	1.946	1.704	1.515	1.363	1.239	1.135	1.047	0.972	0.907	0.850	0.799	0.755	23.8
35.1-37.0	39.8- 42.2	10.033	5.690	3.940	3.000	2.416	2.020	1.734	1.517	1.349	1.214	1.103	1.010	0.932	0.865	0.807	0.756	0.711	0.671	24.2
37.1-39.0	42.3- 44.7	8.978	5.099	3.532	2.690	2.166	1.811	1.554	1.360	1.208	1.087	0.988	0.905	0.835	0.774	0.722	0.677	0.636	0.601	24.6
39.1-41.0	44.8- 47.3	8.073	4.592	3.183	2.425	1.953	1.632	1.400	1.225	1.089	0.979	0.889	0.815	0.751	0.697	0.650	0.609	0.573	0.541	25.0
41.1-43.0	47.4- 49.9	7.289	4.154	2.882	2.196	1.768	1.478	1.268	1.109	0.985	0.886	0.805	0.737	0.680	0.631	0.588	0.551	0.518	0.489	25.3
43.1-45.0	50.0- 52.5	6.606	3.772	2.620	1.997	1.608	1.344	1.153	1.009	0.896	0.806	0.732	0.670	0.618	0.573	0.534	0.500	0.471	0.444	25.6
45.1-47.0	52.6- 55.2	6.006	3.438	2.390	1.823	1.468	1.227	1.052	0.921	0.818	0.735	0.668	0.611	0.563	0.523	0.487	0.456	0.429	0.405	25.9
47.1-49.0	55.3- 57.8	5.477	3.142	2.188	1.669	1.345	1.124	0.964	0.843	0.749	0.673	0.611	0.560	0.516	0.478	0.446	0.418	0.393	0.371	26.2
49.1-51.0	58.0- 60.6	5.007	2.881	2.009	1.534	1.236	1.033	0.886	0.775	0.688	0.619	0.562	0.514	0.474	0.439	0.410	0.384	0.361	0.340	26.4
51.1-53.0	60.7- 63.3	4.588	2.648	1.849	1.413	1.139	0.952	0.817	0.714	0.634	0.570	0.517	0.474	0.437	0.405	0.377	0.353	0.332	0.313	26.6
53.1-55.0	63.4- 66.1	4.213	2.439	1.706	1.305	1.052	0.880	0.755	0.660	0.586	0.527	0.478	0.438	0.403	0.374	0.348	0.326	0.307	0.289	26.8
55.1-57.0	66.2- 68.9	3.876	2.251	1.578	1.208	0.975	0.815	0.699	0.611	0.543	0.488	0.443	0.405	0.373	0.346	0.323	0.302	0.284	0.268	26.9
57.1-59.0	69.0- 71.7	3.572	2.082	1.462	1.121	0.905	0.757	0.649	0.568	0.504	0.453	0.411	0.376	0.347	0.321	0.299	0.280	0.263	0.249	27.1
59.1-61.0	71.9- 74.6	3.297	1.929	1.358	1.042	0.841	0.704	0.604	0.528	0.469	0.421	0.382	0.350	0.322	0.299	0.279	0.261	0.245	0.231	27.2
61.1-63.0	74.7- 77.5	3.048	1.791	1.263	0.970	0.784	0.656	0.563	0.492	0.437	0.393	0.357	0.326	0.301	0.279	0.260	0.243	0.228	0.215	27.3
63.1-65.0	77.6- 80.4	2.822	1.664	1.177	0.905	0.732	0.613	0.526	0.460	0.408	0.367	0.333	0.305	0.281	0.260	0.242	0.227	0.213	0.201	27.4
65.1-67.0	80.6- 83.4	2.615	1.549	1.098	0.845	0.684	0.573	0.492	0.430	0.382	0.343	0.312	0.285	0.263	0.243	0.227	0.212	0.199	0.188	27.5
67.1-69.0	83.5- 86.3	2.427	1.443	1.026	0.791	0.641	0.537	0.461	0.403	0.358	0.322	0.292	0.267	0.246	0.228	0.213	0.199	0.187	0.176	27.6
69.1-71.0	86.5- 89.3	2.254	1.347	0.960	0.741	0.601	0.504	0.432	0.378	0.336	0.302	0.274	0.251	0.231	0.214	0.199	0.187	0.175	0.165	27.7
71.1-73.0	89.5- 92.4	2.096	1.258	0.899	0.695	0.564	0.473	0.406	0.356	0.316	0.284	0.258	0.236	0.217	0.201	0.187	0.175	0.165	0.155	27.8
73.1-75.0	92.5- 95.5	1.950	1.176	0.843	0.653	0.530	0.445	0.382	0.335	0.297	0.267	0.242	0.222	0.204	0.189	0.176	0.165	0.155	0.146	27.8
75.1-77.0	95.6- 98.6	1.817	1.101	0.791	0.614	0.499	0.419	0.360	0.315	0.280	0.252	0.229	0.209	0.193	0.178	0.166	0.156	0.146	0.138	27.9
77.1-79.0	98.7-101.7	1.694	1.031	0.743	0.578	0.470	0.395	0.340	0.298	0.264	0.238	0.216	0.197	0.182	0.168	0.157	0.147	0.138	0.130	27.9
79.1-81.0	101.8-104.8	1.580	0.967	0.699	0.544	0.443	0.373	0.321	0.281	0.250	0.224	0.204	0.186	0.172	0.159	0.148	0.139	0.130	0.123	28.0

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: HARDWOOD
NATURAL REGIONS: 2, 14, 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	14.1- 16.2	545.738	370.657	305.138	264.331	233.690	209.060	188.694	171.591	157.070	144.626	133.872	124.507	116.292	109.039	102.596	96.840	91.669	87.003	15.3
15.1-17.0	16.3- 18.4	109.389	63.782	45.435	35.417	29.072	24.680	21.453	18.980	17.023	15.434	14.118	13.011	12.065	11.248	10.535	9.908	9.351	8.854	16.6
17.1-19.0	18.5- 20.6	59.229	33.203	22.820	17.287	13.870	11.561	9.900	8.650	7.677	6.899	6.262	5.732	5.284	4.901	4.569	4.279	4.023	3.796	17.8
19.1-21.0	20.7- 22.9	40.814	22.788	15.628	11.832	9.496	7.919	6.786	5.934	5.270	4.739	4.304	3.942	3.636	3.374	3.147	2.948	2.773	2.618	18.8
21.1-23.0	23.0- 25.2	31.085	17.387	11.944	9.056	7.277	6.075	5.210	4.559	4.051	3.645	3.312	3.035	2.800	2.599	2.424	2.272	2.137	2.018	19.8
23.1-25.0	25.3- 27.5	24.954	13.989	9.624	7.305	5.874	4.907	4.210	3.685	3.276	2.948	2.679	2.455	2.265	2.103	1.962	1.839	1.730	1.633	20.6
25.1-27.0	27.7- 29.9	20.687	11.619	8.003	6.078	4.890	4.086	3.506	3.069	2.729	2.455	2.232	2.045	1.887	1.752	1.634	1.532	1.441	1.361	21.4
27.1-29.0	30.0- 32.3	17.528	9.859	6.797	5.164	4.155	3.472	2.980	2.609	2.319	2.087	1.897	1.738	1.604	1.488	1.389	1.301	1.224	1.156	22.1
29.1-31.0	32.4- 34.7	15.087	8.498	5.862	4.455	3.585	2.996	2.571	2.250	2.000	1.800	1.636	1.499	1.383	1.284	1.197	1.122	1.056	0.997	22.7
31.1-33.0	34.8- 37.2	13.143	7.413	5.117	3.890	3.130	2.616	2.244	1.964	1.746	1.571	1.427	1.308	1.206	1.120	1.044	0.979	0.921	0.869	23.3
33.1-35.0	37.3- 39.7	11.559	6.529	4.510	3.429	2.759	2.305	1.978	1.731	1.538	1.384	1.257	1.152	1.062	0.986	0.920	0.862	0.811	0.765	23.8
35.1-37.0	39.8- 42.2	10.245	5.796	4.006	3.047	2.452	2.048	1.757	1.537	1.366	1.229	1.116	1.023	0.943	0.875	0.816	0.765	0.719	0.679	24.2
37.1-39.0	42.3- 44.7	9.139	5.179	3.583	2.725	2.193	1.832	1.572	1.375	1.222	1.099	0.998	0.914	0.843	0.782	0.729	0.683	0.643	0.606	24.6
39.1-41.0	44.8- 47.3	8.197	4.654	3.222	2.452	1.973	1.648	1.414	1.237	1.099	0.988	0.897	0.822	0.758	0.703	0.656	0.614	0.577	0.545	25.0
41.1-43.0	47.4- 49.9	7.386	4.202	2.913	2.217	1.785	1.491	1.278	1.118	0.993	0.893	0.811	0.743	0.685	0.635	0.592	0.555	0.522	0.492	25.3
43.1-45.0	50.0- 52.5	6.682	3.811	2.644	2.014	1.621	1.354	1.161	1.016	0.902	0.811	0.736	0.674	0.622	0.577	0.538	0.503	0.473	0.447	25.6
45.1-47.0	52.6- 55.2	6.067	3.468	2.410	1.836	1.479	1.235	1.059	0.926	0.823	0.739	0.671	0.615	0.567	0.526	0.490	0.459	0.431	0.407	25.9
47.1-49.0	55.3- 57.8	5.525	3.167	2.204	1.681	1.354	1.131	0.970	0.848	0.753	0.677	0.614	0.562	0.518	0.481	0.448	0.420	0.395	0.372	26.2
49.1-51.0	58.0- 60.6	5.046	2.901	2.022	1.543	1.243	1.038	0.891	0.779	0.691	0.621	0.564	0.516	0.476	0.441	0.411	0.385	0.362	0.342	26.4
51.1-53.0	60.7- 63.3	4.620	2.664	1.860	1.420	1.145	0.957	0.820	0.717	0.637	0.572	0.519	0.475	0.438	0.406	0.379	0.355	0.333	0.314	26.6
53.1-55.0	63.4- 66.1	4.239	2.453	1.715	1.311	1.057	0.884	0.758	0.663	0.588	0.529	0.480	0.439	0.405	0.375	0.350	0.327	0.308	0.290	26.8
55.1-57.0	66.2- 68.9	3.898	2.263	1.585	1.213	0.979	0.818	0.702	0.614	0.545	0.489	0.444	0.407	0.375	0.347	0.324	0.303	0.285	0.269	26.9
57.1-59.0	69.0- 71.7	3.590	2.092	1.469	1.125	0.908	0.759	0.651	0.570	0.506	0.454	0.412	0.377	0.348	0.322	0.300	0.281	0.264	0.249	27.1
59.1-61.0	71.9- 74.6	3.312	1.937	1.363	1.045	0.844	0.706	0.606	0.530	0.470	0.423	0.383	0.351	0.323	0.300	0.279	0.261	0.246	0.232	27.2
61.1-63.0	74.7- 77.5	3.061	1.797	1.267	0.973	0.786	0.658	0.565	0.494	0.438	0.394	0.357	0.327	0.301	0.279	0.260	0.244	0.229	0.216	27.3
63.1-65.0	77.6- 80.4	2.832	1.670	1.180	0.907	0.734	0.614	0.527	0.461	0.409	0.368	0.334	0.305	0.281	0.261	0.243	0.227	0.214	0.201	27.4
65.1-67.0	80.6- 83.4	2.624	1.554	1.101	0.848	0.686	0.574	0.493	0.431	0.383	0.344	0.312	0.286	0.263	0.244	0.227	0.213	0.200	0.188	27.5
67.1-69.0	83.5- 86.3	2.434	1.448	1.028	0.793	0.642	0.538	0.462	0.404	0.359	0.322	0.293	0.268	0.247	0.229	0.213	0.199	0.187	0.176	27.6
69.1-71.0	86.5- 89.3	2.260	1.350	0.962	0.743	0.602	0.505	0.433	0.379	0.337	0.303	0.275	0.251	0.231	0.214	0.200	0.187	0.176	0.166	27.7
71.1-73.0	89.5- 92.4	2.101	1.261	0.901	0.696	0.565	0.474	0.407	0.356	0.316	0.284	0.258	0.236	0.217	0.202	0.188	0.176	0.165	0.156	27.8
73.1-75.0	92.5- 95.5	1.955	1.179	0.844	0.654	0.531	0.446	0.383	0.335	0.298	0.268	0.243	0.222	0.205	0.190	0.177	0.165	0.155	0.146	27.8
75.1-77.0	95.6- 98.6	1.821	1.103	0.793	0.615	0.500	0.420	0.361	0.316	0.281	0.252	0.229	0.209	0.193	0.179	0.166	0.156	0.146	0.138	27.9
77.1-79.0	98.7-101.7	1.697	1.033	0.745	0.579	0.471	0.396	0.340	0.298	0.265	0.238	0.216	0.198	0.182	0.169	0.157	0.147	0.138	0.130	27.9
79.1-81.0	101.8-104.8	1.583	0.969	0.700	0.545	0.444	0.373	0.321	0.281	0.250	0.225	0.204	0.187	0.172	0.159	0.148	0.139	0.130	0.123	28.0

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: HARDWOOD
NATURAL REGIONS: 2, 14, 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	16.3- 18.4	432.504	312.313	272.001	246.384	225.142	206.251	189.326	174.240	160.859	149.017	138.535	129.241	120.978	113.604	107.001	101.064	95.707	90.853	16.6
17.1-19.0	18.5- 20.6	98.652	59.202	43.344	34.592	28.968	25.014	22.065	19.771	17.930	16.416	15.146	14.066	13.133	12.320	11.605	10.969	10.401	9.890	17.8
19.1-21.0	20.7- 22.9	53.771	30.484	21.122	16.080	12.941	10.806	9.263	8.098	7.189	6.461	5.865	5.368	4.947	4.588	4.276	4.004	3.764	3.551	18.8
21.1-23.0	23.0- 25.2	36.944	20.663	14.168	10.712	8.582	7.145	6.113	5.338	4.734	4.252	3.859	3.531	3.254	3.017	2.812	2.633	2.476	2.336	19.8
23.1-25.0	25.3- 27.5	28.088	15.682	10.746	8.126	6.514	5.427	4.647	4.060	3.604	3.239	2.940	2.692	2.482	2.302	2.146	2.010	1.890	1.784	20.6
25.1-27.0	27.7- 29.9	22.548	12.603	8.646	6.545	5.251	4.378	3.751	3.279	2.912	2.618	2.377	2.177	2.007	1.862	1.737	1.627	1.530	1.444	21.4
27.1-29.0	30.0- 32.3	18.712	10.478	7.197	5.453	4.378	3.652	3.130	2.737	2.431	2.186	1.985	1.818	1.677	1.556	1.451	1.359	1.279	1.207	22.1
29.1-31.0	32.4- 34.7	15.880	8.909	6.127	4.646	3.732	3.114	2.669	2.334	2.073	1.864	1.693	1.551	1.430	1.327	1.238	1.160	1.091	1.029	22.7
31.1-33.0	34.8- 37.2	13.695	7.698	5.300	4.021	3.231	2.696	2.311	2.022	1.796	1.615	1.467	1.343	1.239	1.149	1.072	1.004	0.944	0.891	23.3
33.1-35.0	37.3- 39.7	11.955	6.733	4.640	3.522	2.831	2.363	2.025	1.771	1.573	1.415	1.285	1.177	1.085	1.007	0.939	0.880	0.827	0.781	23.8
35.1-37.0	39.8- 42.2	10.536	5.945	4.102	3.115	2.504	2.090	1.792	1.567	1.392	1.251	1.136	1.041	0.960	0.890	0.830	0.778	0.731	0.690	24.2
37.1-39.0	42.3- 44.7	9.357	5.291	3.654	2.776	2.232	1.863	1.597	1.397	1.240	1.115	1.013	0.927	0.855	0.793	0.740	0.693	0.652	0.615	24.6
39.1-41.0	44.8- 47.3	8.363	4.739	3.277	2.491	2.003	1.672	1.433	1.253	1.113	1.001	0.909	0.832	0.767	0.711	0.663	0.621	0.584	0.551	25.0
41.1-43.0	47.4- 49.9	7.514	4.269	2.955	2.247	1.808	1.509	1.294	1.131	1.004	0.903	0.820	0.750	0.692	0.642	0.598	0.560	0.527	0.497	25.3
43.1-45.0	50.0- 52.5	6.783	3.863	2.677	2.038	1.639	1.369	1.173	1.026	0.911	0.819	0.743	0.680	0.627	0.582	0.542	0.508	0.477	0.450	25.6
45.1-47.0	52.6- 55.2	6.146	3.510	2.436	1.855	1.493	1.247	1.069	0.934	0.829	0.745	0.677	0.619	0.571	0.530	0.494	0.462	0.435	0.410	25.9
47.1-49.0	55.3- 57.8	5.589	3.201	2.225	1.696	1.365	1.140	0.977	0.854	0.758	0.682	0.619	0.566	0.522	0.484	0.451	0.422	0.397	0.375	26.2
49.1-51.0	58.0- 60.6	5.097	2.928	2.039	1.555	1.252	1.046	0.897	0.784	0.696	0.625	0.568	0.519	0.479	0.444	0.414	0.387	0.364	0.343	26.4
51.1-53.0	60.7- 63.3	4.661	2.686	1.874	1.430	1.152	0.963	0.825	0.722	0.640	0.576	0.522	0.478	0.441	0.408	0.381	0.356	0.335	0.316	26.6
53.1-55.0	63.4- 66.1	4.273	2.471	1.727	1.319	1.063	0.889	0.762	0.666	0.591	0.531	0.482	0.441	0.407	0.377	0.351	0.329	0.309	0.291	26.8
55.1-57.0	66.2- 68.9	3.925	2.278	1.595	1.220	0.984	0.822	0.705	0.616	0.547	0.492	0.446	0.408	0.376	0.349	0.325	0.304	0.286	0.270	26.9
57.1-59.0	69.0- 71.7	3.613	2.104	1.477	1.131	0.912	0.763	0.654	0.572	0.508	0.456	0.414	0.379	0.349	0.323	0.301	0.282	0.265	0.250	27.1
59.1-61.0	71.9- 74.6	3.331	1.948	1.370	1.050	0.848	0.709	0.608	0.532	0.472	0.424	0.385	0.352	0.324	0.301	0.280	0.262	0.246	0.232	27.2
61.1-63.0	74.7- 77.5	3.076	1.806	1.273	0.977	0.790	0.660	0.567	0.495	0.440	0.395	0.359	0.328	0.302	0.280	0.261	0.244	0.230	0.216	27.3
63.1-65.0	77.6- 80.4	2.845	1.677	1.185	0.911	0.736	0.616	0.529	0.463	0.411	0.369	0.335	0.306	0.282	0.261	0.244	0.228	0.214	0.202	27.4
65.1-67.0	80.6- 83.4	2.635	1.560	1.105	0.850	0.688	0.576	0.495	0.433	0.384	0.345	0.313	0.286	0.264	0.245	0.228	0.213	0.200	0.189	27.5
67.1-69.0	83.5- 86.3	2.443	1.453	1.032	0.795	0.644	0.539	0.463	0.405	0.360	0.323	0.293	0.268	0.247	0.229	0.213	0.200	0.188	0.177	27.6
69.1-71.0	86.5- 89.3	2.268	1.355	0.965	0.745	0.604	0.506	0.434	0.380	0.337	0.303	0.275	0.252	0.232	0.215	0.200	0.187	0.176	0.166	27.7
71.1-73.0	89.5- 92.4	2.108	1.265	0.903	0.698	0.567	0.475	0.408	0.357	0.317	0.285	0.259	0.237	0.218	0.202	0.188	0.176	0.165	0.156	27.8
73.1-75.0	92.5- 95.5	1.961	1.182	0.847	0.656	0.532	0.447	0.384	0.336	0.298	0.268	0.243	0.223	0.205	0.190	0.177	0.166	0.156	0.147	27.8
75.1-77.0	95.6- 98.6	1.825	1.106	0.795	0.616	0.501	0.421	0.361	0.316	0.281	0.253	0.229	0.210	0.193	0.179	0.167	0.156	0.147	0.138	27.9
77.1-79.0	98.7-101.7	1.701	1.036	0.746	0.580	0.472	0.396	0.341	0.298	0.265	0.238	0.216	0.198	0.182	0.169	0.157	0.147	0.138	0.130	27.9
79.1-81.0	101.8-104.8	1.586	0.971	0.702	0.546	0.445	0.374	0.322	0.282	0.250	0.225	0.204	0.187	0.172	0.159	0.149	0.139	0.131	0.123	28.0

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

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: HARDWOOD
NATURAL REGIONS: 9, 11

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	5.6- 7.6	730.358	413.555	287.984	220.742	178.880	150.325	129.609	113.897	101.574	91.650	83.489	76.660	70.861	65.876	61.545	57.747	54.390	51.401	8.2
7.1- 9.0	7.8- 9.8	175.351	104.233	74.016	57.341	46.782	39.499	34.174	30.112	26.911	24.324	22.190	20.400	18.877	17.565	16.423	15.421	14.533	13.742	10.4
9.1-11.0	9.9- 12.0	102.910	61.505	43.784	33.969	27.739	23.437	20.287	17.882	15.986	14.453	13.188	12.126	11.222	10.443	9.766	9.170	8.644	8.174	12.3
11.1-13.0	12.1- 14.2	70.574	42.089	29.931	23.207	18.943	15.999	13.846	12.203	10.907	9.860	8.996	8.271	7.654	7.122	6.660	6.253	5.894	5.573	14.1
13.1-15.0	14.3- 16.4	52.210	31.014	22.013	17.047	13.905	11.737	10.153	8.945	7.994	7.224	6.590	6.058	5.605	5.215	4.876	4.578	4.315	4.080	15.7
15.1-17.0	16.6- 18.7	40.521	23.964	16.972	13.126	10.697	9.024	7.802	6.871	6.138	5.546	5.058	4.649	4.301	4.001	3.741	3.512	3.309	3.129	17.1
17.1-19.0	18.8- 20.9	32.532	19.154	13.536	10.455	8.512	7.176	6.202	5.460	4.876	4.404	4.016	3.690	3.413	3.175	2.968	2.786	2.625	2.482	18.3
19.1-21.0	21.0- 23.2	26.793	15.708	11.077	8.545	6.951	5.856	5.058	4.451	3.974	3.589	3.272	3.006	2.780	2.585	2.416	2.268	2.137	2.020	19.4
21.1-23.0	23.3- 25.4	22.511	13.146	9.252	7.128	5.793	4.878	4.211	3.704	3.306	2.985	2.720	2.499	2.311	2.149	2.008	1.884	1.775	1.678	20.3
23.1-25.0	25.6- 27.7	19.220	11.183	7.856	6.045	4.909	4.131	3.565	3.134	2.797	2.524	2.300	2.112	1.953	1.816	1.697	1.592	1.500	1.417	21.2
25.1-27.0	27.8- 30.0	16.630	9.643	6.763	5.198	4.218	3.547	3.060	2.689	2.399	2.165	1.972	1.811	1.674	1.556	1.454	1.364	1.285	1.214	21.9
27.1-29.0	30.1- 32.3	14.549	8.411	5.889	4.522	3.667	3.082	2.657	2.335	2.082	1.878	1.711	1.571	1.452	1.349	1.260	1.183	1.114	1.052	22.6
29.1-31.0	32.4- 34.6	12.848	7.408	5.180	3.974	3.220	2.705	2.331	2.048	1.825	1.646	1.499	1.376	1.272	1.182	1.104	1.036	0.975	0.921	23.1
31.1-33.0	34.7- 36.9	11.439	6.580	4.595	3.522	2.852	2.395	2.063	1.811	1.614	1.456	1.325	1.216	1.124	1.044	0.975	0.915	0.861	0.814	23.6
33.1-35.0	37.1- 39.3	10.256	5.887	4.106	3.145	2.545	2.136	1.840	1.615	1.439	1.297	1.181	1.083	1.001	0.930	0.868	0.815	0.767	0.724	24.1
35.1-37.0	39.4- 41.6	9.252	5.301	3.694	2.827	2.287	1.918	1.651	1.449	1.291	1.164	1.059	0.972	0.897	0.834	0.778	0.730	0.687	0.649	24.5
37.1-39.0	41.7- 44.0	8.391	4.801	3.342	2.557	2.067	1.733	1.491	1.309	1.165	1.050	0.956	0.877	0.810	0.752	0.702	0.658	0.620	0.585	24.8
39.1-41.0	44.1- 46.4	7.647	4.370	3.040	2.324	1.878	1.574	1.354	1.188	1.058	0.953	0.867	0.795	0.734	0.682	0.637	0.597	0.562	0.531	25.1
41.1-43.0	46.5- 48.7	6.999	3.995	2.778	2.123	1.715	1.437	1.236	1.084	0.964	0.869	0.790	0.725	0.669	0.622	0.580	0.544	0.512	0.483	25.3
43.1-45.0	48.9- 51.1	6.430	3.668	2.549	1.947	1.572	1.317	1.132	0.993	0.883	0.796	0.724	0.664	0.613	0.569	0.531	0.498	0.468	0.442	25.6
45.1-47.0	51.3- 53.5	5.928	3.380	2.348	1.793	1.447	1.212	1.042	0.913	0.813	0.732	0.665	0.610	0.563	0.523	0.488	0.457	0.430	0.406	25.8
47.1-49.0	53.7- 56.0	5.482	3.125	2.171	1.657	1.337	1.119	0.962	0.843	0.750	0.675	0.614	0.563	0.519	0.482	0.450	0.422	0.397	0.375	25.9
49.1-51.0	56.1- 58.4	5.085	2.898	2.013	1.536	1.239	1.037	0.891	0.781	0.695	0.625	0.568	0.521	0.481	0.446	0.417	0.390	0.367	0.347	26.1
51.1-53.0	58.5- 60.8	4.728	2.695	1.872	1.428	1.152	0.964	0.828	0.726	0.645	0.581	0.528	0.484	0.446	0.414	0.387	0.362	0.341	0.322	26.2
53.1-55.0	61.0- 63.3	4.407	2.513	1.746	1.332	1.074	0.899	0.772	0.676	0.601	0.541	0.492	0.451	0.416	0.386	0.360	0.337	0.317	0.300	26.3
55.1-57.0	63.4- 65.7	4.116	2.348	1.632	1.245	1.004	0.840	0.721	0.632	0.562	0.505	0.459	0.421	0.388	0.360	0.336	0.315	0.296	0.280	26.4
57.1-59.0	65.9- 68.2	3.852	2.200	1.529	1.166	0.941	0.787	0.676	0.591	0.526	0.473	0.430	0.394	0.363	0.337	0.314	0.295	0.277	0.262	26.5
59.1-61.0	68.3- 70.7	3.612	2.064	1.435	1.095	0.883	0.739	0.634	0.555	0.493	0.444	0.403	0.370	0.341	0.316	0.295	0.276	0.260	0.245	26.6
61.1-63.0	70.8- 73.2	3.393	1.941	1.350	1.030	0.831	0.695	0.597	0.522	0.464	0.417	0.379	0.347	0.320	0.297	0.277	0.260	0.244	0.231	26.7
63.1-65.0	73.3- 75.7	3.192	1.828	1.273	0.971	0.783	0.655	0.562	0.492	0.437	0.393	0.357	0.327	0.302	0.280	0.261	0.245	0.230	0.217	26.7
65.1-67.0	75.9- 78.3	3.007	1.725	1.201	0.917	0.740	0.619	0.531	0.465	0.413	0.371	0.337	0.309	0.285	0.264	0.246	0.231	0.217	0.205	26.8
67.1-69.0	78.4- 80.8	2.837	1.629	1.136	0.868	0.700	0.585	0.502	0.440	0.391	0.351	0.319	0.292	0.269	0.250	0.233	0.218	0.205	0.194	26.8
69.1-71.0	80.9- 83.3	2.680	1.542	1.076	0.822	0.663	0.554	0.476	0.416	0.370	0.333	0.302	0.277	0.255	0.237	0.221	0.207	0.194	0.183	26.8
71.1-73.0	83.5- 85.9	2.535	1.461	1.020	0.780	0.629	0.526	0.452	0.395	0.351	0.316	0.287	0.262	0.242	0.224	0.209	0.196	0.184	0.174	26.9
73.1-75.0	86.0- 88.5	2.400	1.386	0.969	0.741	0.598	0.500	0.429	0.375	0.334	0.300	0.272	0.249	0.230	0.213	0.199	0.186	0.175	0.165	26.9
75.1-77.0	88.6- 91.0	2.275	1.316	0.921	0.705	0.569	0.476	0.408	0.357	0.317	0.285	0.259	0.237	0.219	0.203	0.189	0.177	0.166	0.157	26.9
77.1-79.0	91.2- 93.6	2.158	1.251	0.877	0.671	0.542	0.453	0.389	0.340	0.302	0.272	0.247	0.226	0.208	0.193	0.180	0.169	0.158	0.150	27.0
79.1-81.0	93.8- 96.2	2.050	1.191	0.835	0.640	0.517	0.432	0.371	0.325	0.288	0.259	0.235	0.215	0.199	0.184	0.172	0.161	0.151	0.143	27.0

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: HARDWOOD
NATURAL REGIONS: 9, 11

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	7.8- 9.8	783.302	433.422	301.933	232.223	188.835	159.165	137.574	121.148	108.228	97.798	89.200	81.991	75.859	70.579	65.986	61.953	58.384	55.203	10.4
9.1-11.0	9.9- 12.0	138.182	79.826	55.906	42.957	34.856	29.315	25.290	22.233	19.834	17.901	16.311	14.980	13.849	12.876	12.031	11.290	10.635	10.051	12.3
11.1-13.0	12.1- 14.2	80.174	47.004	33.161	25.592	20.827	17.554	15.167	13.351	11.922	10.769	9.819	9.022	8.345	7.763	7.256	6.811	6.418	6.067	14.1
13.1-15.0	14.3- 16.4	56.128	32.993	23.303	17.997	14.652	12.353	10.675	9.398	8.394	7.583	6.914	6.354	5.877	5.467	5.111	4.797	4.521	4.274	15.7
15.1-17.0	16.6- 18.7	42.465	24.931	17.598	13.585	11.056	9.319	8.052	7.088	6.329	5.717	5.213	4.790	4.431	4.121	3.852	3.616	3.407	3.221	17.1
17.1-19.0	18.8- 20.9	33.620	19.688	13.879	10.704	8.707	7.336	6.337	5.576	4.978	4.496	4.099	3.766	3.483	3.239	3.028	2.842	2.677	2.531	18.3
19.1-21.0	21.0- 23.2	27.455	16.028	11.281	8.692	7.066	5.950	5.137	4.520	4.034	3.642	3.320	3.050	2.820	2.623	2.451	2.300	2.167	2.048	19.4
21.1-23.0	23.3- 25.4	22.939	13.350	9.381	7.221	5.865	4.936	4.260	3.747	3.343	3.018	2.750	2.526	2.336	2.172	2.029	1.905	1.794	1.696	20.3
23.1-25.0	25.6- 27.7	19.511	11.320	7.942	6.107	4.957	4.170	3.597	3.162	2.821	2.546	2.320	2.130	1.969	1.831	1.711	1.605	1.512	1.429	21.2
25.1-27.0	27.8- 30.0	16.834	9.739	6.822	5.241	4.251	3.574	3.082	2.708	2.415	2.179	1.985	1.823	1.685	1.566	1.463	1.373	1.293	1.222	21.9
27.1-29.0	30.1- 32.3	14.697	8.480	5.932	4.552	3.690	3.101	2.673	2.348	2.094	1.889	1.720	1.579	1.459	1.356	1.267	1.189	1.119	1.058	22.6
29.1-31.0	32.4- 34.6	12.959	7.459	5.211	3.996	3.237	2.718	2.342	2.057	1.834	1.654	1.506	1.382	1.277	1.187	1.109	1.040	0.979	0.925	23.1
31.1-33.0	34.7- 36.9	11.524	6.618	4.618	3.538	2.865	2.405	2.071	1.819	1.621	1.461	1.330	1.221	1.128	1.048	0.979	0.918	0.865	0.817	23.6
33.1-35.0	37.1- 39.3	10.322	5.917	4.124	3.158	2.555	2.144	1.846	1.620	1.443	1.301	1.184	1.087	1.004	0.933	0.871	0.817	0.769	0.727	24.1
35.1-37.0	39.4- 41.6	9.303	5.324	3.708	2.837	2.294	1.924	1.656	1.453	1.295	1.167	1.062	0.974	0.900	0.836	0.781	0.732	0.689	0.651	24.5
37.1-39.0	41.7- 44.0	8.432	4.819	3.354	2.564	2.073	1.738	1.495	1.312	1.168	1.053	0.958	0.879	0.811	0.754	0.704	0.660	0.621	0.587	24.8
39.1-41.0	44.1- 46.4	7.681	4.385	3.049	2.330	1.883	1.578	1.357	1.190	1.060	0.955	0.869	0.797	0.736	0.683	0.638	0.598	0.563	0.532	25.1
41.1-43.0	46.5- 48.7	7.026	4.008	2.785	2.128	1.718	1.440	1.238	1.086	0.966	0.870	0.792	0.726	0.670	0.623	0.581	0.545	0.513	0.484	25.3
43.1-45.0	48.9- 51.1	6.453	3.678	2.555	1.951	1.575	1.320	1.134	0.994	0.885	0.797	0.725	0.665	0.614	0.570	0.532	0.499	0.469	0.443	25.6
45.1-47.0	51.3- 53.5	5.947	3.388	2.353	1.796	1.450	1.214	1.044	0.915	0.814	0.733	0.666	0.611	0.564	0.524	0.489	0.458	0.431	0.407	25.8
47.1-49.0	53.7- 56.0	5.498	3.132	2.175	1.660	1.339	1.121	0.963	0.844	0.751	0.676	0.615	0.564	0.520	0.483	0.451	0.422	0.397	0.375	25.9
49.1-51.0	56.1- 58.4	5.098	2.904	2.016	1.539	1.241	1.039	0.892	0.782	0.695	0.626	0.569	0.522	0.481	0.447	0.417	0.391	0.368	0.347	26.1
51.1-53.0	58.5- 60.8	4.739	2.700	1.875	1.430	1.154	0.965	0.829	0.726	0.646	0.581	0.529	0.484	0.447	0.415	0.387	0.363	0.341	0.322	26.2
53.1-55.0	61.0- 63.3	4.417	2.517	1.748	1.334	1.075	0.900	0.773	0.677	0.602	0.542	0.492	0.451	0.416	0.386	0.360	0.338	0.318	0.300	26.3
55.1-57.0	63.4- 65.7	4.125	2.352	1.634	1.246	1.005	0.841	0.722	0.632	0.562	0.506	0.460	0.421	0.389	0.361	0.336	0.315	0.296	0.280	26.4
57.1-59.0	65.9- 68.2	3.860	2.203	1.531	1.168	0.942	0.788	0.676	0.592	0.526	0.473	0.430	0.394	0.364	0.337	0.315	0.295	0.277	0.262	26.5
59.1-61.0	68.3- 70.7	3.619	2.067	1.437	1.096	0.884	0.739	0.635	0.556	0.494	0.444	0.404	0.370	0.341	0.317	0.295	0.277	0.260	0.246	26.6
61.1-63.0	70.8- 73.2	3.399	1.943	1.352	1.032	0.832	0.696	0.597	0.523	0.464	0.418	0.380	0.348	0.321	0.298	0.277	0.260	0.244	0.231	26.7
63.1-65.0	73.3- 75.7	3.197	1.830	1.274	0.972	0.784	0.656	0.563	0.493	0.438	0.394	0.358	0.328	0.302	0.280	0.261	0.245	0.230	0.217	26.7
65.1-67.0	75.9- 78.3	3.012	1.727	1.202	0.918	0.740	0.619	0.531	0.465	0.413	0.372	0.338	0.309	0.285	0.264	0.247	0.231	0.217	0.205	26.8
67.1-69.0	78.4- 80.8	2.841	1.631	1.137	0.868	0.700	0.586	0.503	0.440	0.391	0.351	0.319	0.292	0.270	0.250	0.233	0.218	0.205	0.194	26.8
69.1-71.0	80.9- 83.3	2.684	1.543	1.077	0.823	0.663	0.555	0.476	0.417	0.370	0.333	0.302	0.277	0.255	0.237	0.221	0.207	0.194	0.183	26.8
71.1-73.0	83.5- 85.9	2.538	1.462	1.021	0.780	0.629	0.526	0.452	0.395	0.351	0.316	0.287	0.263	0.242	0.225	0.209	0.196	0.184	0.174	26.9
73.1-75.0	86.0- 88.5	2.403	1.387	0.969	0.741	0.598	0.500	0.429	0.376	0.334	0.300	0.272	0.249	0.230	0.213	0.199	0.186	0.175	0.165	26.9
75.1-77.0	88.6- 91.0	2.277	1.317	0.922	0.705	0.569	0.476	0.409	0.357	0.317	0.285	0.259	0.237	0.219	0.203	0.189	0.177	0.166	0.157	26.9
77.1-79.0	91.2- 93.6	2.160	1.252	0.877	0.672	0.542	0.453	0.389	0.341	0.302	0.272	0.247	0.226	0.208	0.193	0.180	0.169	0.159	0.150	27.0
79.1-81.0	93.8- 96.2	2.052	1.192	0.836	0.640	0.517	0.433	0.371	0.325	0.289	0.259	0.235	0.216	0.199	0.184	0.172	0.161	0.151	0.143	27.0

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: HARDWOOD
NATURAL REGIONS: 9, 11

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	12.1- 14.2	210.853	120.610	84.857	65.572	53.473	45.162	39.095	34.469	30.825	27.878	25.447	23.406	21.668	20.171	18.867	17.722	16.707	15.803	14.1
13.1-15.0	14.3- 16.4	80.708	45.695	31.655	24.152	19.501	16.342	14.059	12.332	10.982	9.897	9.006	8.262	7.632	7.090	6.620	6.209	5.845	5.522	15.7
15.1-17.0	16.6- 18.7	51.491	29.476	20.546	15.741	12.748	10.706	9.226	8.104	7.225	6.517	5.935	5.449	5.036	4.681	4.373	4.102	3.863	3.651	17.1
17.1-19.0	18.8- 20.9	37.950	21.837	15.262	11.712	9.495	7.981	6.882	6.048	5.393	4.866	4.433	4.070	3.763	3.498	3.268	3.066	2.888	2.729	18.3
19.1-21.0	21.0- 23.2	29.854	17.204	12.033	9.238	7.491	6.297	5.431	4.773	4.257	3.841	3.499	3.213	2.970	2.761	2.580	2.420	2.280	2.154	19.4
21.1-23.0	23.3- 25.4	24.397	14.057	9.830	7.545	6.117	5.142	4.434	3.896	3.474	3.135	2.856	2.622	2.424	2.253	2.105	1.975	1.860	1.758	20.3
23.1-25.0	25.6- 27.7	20.456	11.774	8.228	6.313	5.116	4.299	3.706	3.256	2.904	2.619	2.386	2.190	2.024	1.882	1.758	1.649	1.553	1.468	21.2
25.1-27.0	27.8- 30.0	17.478	10.045	7.014	5.378	4.357	3.660	3.154	2.771	2.470	2.228	2.029	1.863	1.721	1.600	1.494	1.402	1.320	1.248	21.9
27.1-29.0	30.1- 32.3	15.153	8.695	6.066	4.648	3.764	3.160	2.723	2.391	2.131	1.922	1.750	1.606	1.484	1.379	1.288	1.209	1.138	1.075	22.6
29.1-31.0	32.4- 34.6	13.292	7.614	5.307	4.064	3.289	2.761	2.378	2.088	1.860	1.677	1.527	1.402	1.295	1.203	1.124	1.054	0.993	0.938	23.1
31.1-33.0	34.7- 36.9	11.772	6.734	4.690	3.589	2.903	2.436	2.097	1.841	1.640	1.479	1.346	1.235	1.141	1.060	0.990	0.928	0.874	0.826	23.6
33.1-35.0	37.1- 39.3	10.512	6.005	4.178	3.196	2.584	2.167	1.865	1.637	1.458	1.314	1.196	1.097	1.014	0.942	0.879	0.825	0.776	0.733	24.1
35.1-37.0	39.4- 41.6	9.452	5.393	3.750	2.866	2.317	1.942	1.671	1.466	1.306	1.177	1.071	0.982	0.907	0.843	0.787	0.738	0.694	0.656	24.5
37.1-39.0	41.7- 44.0	8.550	4.873	3.386	2.587	2.090	1.752	1.507	1.322	1.177	1.060	0.965	0.885	0.817	0.759	0.708	0.664	0.625	0.591	24.8
39.1-41.0	44.1- 46.4	7.775	4.428	3.075	2.349	1.897	1.589	1.367	1.198	1.067	0.961	0.874	0.802	0.740	0.687	0.642	0.602	0.566	0.535	25.1
41.1-43.0	46.5- 48.7	7.103	4.042	2.806	2.142	1.730	1.449	1.245	1.092	0.972	0.875	0.796	0.730	0.674	0.626	0.584	0.548	0.515	0.487	25.3
43.1-45.0	48.9- 51.1	6.515	3.707	2.573	1.963	1.584	1.327	1.140	0.999	0.889	0.801	0.728	0.668	0.616	0.572	0.534	0.501	0.471	0.445	25.6
45.1-47.0	51.3- 53.5	5.999	3.412	2.368	1.806	1.457	1.220	1.048	0.919	0.817	0.736	0.669	0.613	0.566	0.526	0.491	0.460	0.433	0.409	25.8
47.1-49.0	53.7- 56.0	5.542	3.152	2.187	1.668	1.345	1.126	0.967	0.848	0.754	0.679	0.617	0.566	0.522	0.485	0.452	0.424	0.399	0.377	25.9
49.1-51.0	56.1- 58.4	5.135	2.921	2.026	1.545	1.246	1.043	0.896	0.785	0.698	0.628	0.571	0.523	0.483	0.448	0.418	0.392	0.369	0.348	26.1
51.1-53.0	58.5- 60.8	4.770	2.714	1.883	1.436	1.158	0.969	0.832	0.729	0.648	0.583	0.530	0.486	0.448	0.416	0.388	0.364	0.342	0.323	26.2
53.1-55.0	61.0- 63.3	4.443	2.529	1.755	1.339	1.079	0.903	0.775	0.679	0.604	0.543	0.494	0.452	0.417	0.387	0.361	0.339	0.318	0.301	26.3
55.1-57.0	63.4- 65.7	4.147	2.362	1.640	1.251	1.008	0.843	0.724	0.634	0.564	0.507	0.461	0.422	0.389	0.361	0.337	0.316	0.297	0.280	26.4
57.1-59.0	65.9- 68.2	3.879	2.212	1.536	1.171	0.944	0.790	0.678	0.594	0.528	0.475	0.431	0.395	0.364	0.338	0.315	0.296	0.278	0.262	26.5
59.1-61.0	68.3- 70.7	3.636	2.075	1.442	1.100	0.886	0.741	0.636	0.557	0.495	0.445	0.405	0.371	0.342	0.317	0.296	0.277	0.261	0.246	26.6
61.1-63.0	70.8- 73.2	3.413	1.950	1.356	1.034	0.834	0.697	0.598	0.524	0.465	0.419	0.380	0.348	0.321	0.298	0.278	0.260	0.245	0.231	26.7
63.1-65.0	73.3- 75.7	3.210	1.836	1.277	0.975	0.786	0.657	0.564	0.493	0.438	0.394	0.358	0.328	0.303	0.281	0.262	0.245	0.231	0.218	26.7
65.1-67.0	75.9- 78.3	3.023	1.732	1.206	0.920	0.742	0.620	0.532	0.466	0.414	0.372	0.338	0.310	0.286	0.265	0.247	0.231	0.218	0.205	26.8
67.1-69.0	78.4- 80.8	2.851	1.636	1.140	0.870	0.702	0.587	0.503	0.441	0.391	0.352	0.320	0.293	0.270	0.250	0.233	0.219	0.206	0.194	26.8
69.1-71.0	80.9- 83.3	2.692	1.547	1.079	0.824	0.665	0.556	0.477	0.417	0.371	0.333	0.303	0.277	0.256	0.237	0.221	0.207	0.195	0.184	26.8
71.1-73.0	83.5- 85.9	2.545	1.466	1.023	0.782	0.631	0.527	0.453	0.396	0.352	0.316	0.287	0.263	0.242	0.225	0.210	0.196	0.185	0.174	26.9
73.1-75.0	86.0- 88.5	2.410	1.390	0.971	0.743	0.599	0.501	0.430	0.376	0.334	0.300	0.273	0.250	0.230	0.214	0.199	0.186	0.175	0.165	26.9
75.1-77.0	88.6- 91.0	2.283	1.320	0.923	0.706	0.570	0.477	0.409	0.358	0.318	0.286	0.259	0.238	0.219	0.203	0.189	0.177	0.167	0.157	26.9
77.1-79.0	91.2- 93.6	2.166	1.255	0.879	0.673	0.543	0.454	0.390	0.341	0.303	0.272	0.247	0.226	0.209	0.193	0.180	0.169	0.159	0.150	27.0
79.1-81.0	93.8- 96.2	2.056	1.194	0.837	0.641	0.518	0.433	0.372	0.325	0.289	0.260	0.236	0.216	0.199	0.184	0.172	0.161	0.151	0.143	27.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	12.1- 14.2	776.328	411.872	286.812	221.196	180.252	152.134	131.594	115.923	103.570	93.583	85.342	78.426	72.541	67.472	63.061	59.188	55.761	52.707	14.1
13.1-15.0	14.3- 16.4	111.342	62.912	43.612	33.287	26.876	22.517	19.365	16.981	15.116	13.617	12.388	11.361	10.490	9.743	9.095	8.527	8.026	7.580	15.7
15.1-17.0	16.6- 18.7	59.120	33.439	23.150	17.656	14.253	11.942	10.272	9.010	8.023	7.230	6.579	6.036	5.575	5.179	4.836	4.535	4.269	4.033	17.1
17.1-19.0	18.8- 20.9	40.986	23.369	16.254	12.435	10.061	8.444	7.272	6.385	5.690	5.132	4.672	4.288	3.963	3.683	3.440	3.227	3.039	2.871	18.3
19.1-21.0	21.0- 23.2	31.368	17.957	12.516	9.589	7.765	6.521	5.619	4.935	4.399	3.968	3.614	3.317	3.066	2.850	2.662	2.497	2.352	2.222	19.4
21.1-23.0	23.3- 25.4	25.258	14.479	10.100	7.740	6.269	5.265	4.538	3.986	3.553	3.205	2.919	2.680	2.476	2.302	2.150	2.017	1.900	1.795	20.3
23.1-25.0	25.6- 27.7	20.990	12.033	8.393	6.431	5.208	4.374	3.769	3.310	2.951	2.662	2.424	2.225	2.056	1.911	1.785	1.675	1.577	1.490	21.2
25.1-27.0	27.8- 30.0	17.830	10.214	7.121	5.455	4.416	3.708	3.195	2.805	2.500	2.255	2.053	1.885	1.742	1.619	1.512	1.418	1.335	1.262	21.9
27.1-29.0	30.1- 32.3	15.396	8.811	6.139	4.700	3.804	3.193	2.750	2.415	2.152	1.940	1.766	1.621	1.498	1.392	1.300	1.219	1.148	1.085	22.6
29.1-31.0	32.4- 34.6	13.465	7.697	5.359	4.101	3.318	2.784	2.397	2.104	1.875	1.690	1.539	1.412	1.304	1.212	1.132	1.062	1.000	0.944	23.1
31.1-33.0	34.7- 36.9	11.900	6.794	4.727	3.616	2.924	2.452	2.111	1.853	1.650	1.488	1.354	1.242	1.148	1.066	0.996	0.934	0.879	0.831	23.6
33.1-35.0	37.1- 39.3	10.608	6.050	4.206	3.216	2.599	2.179	1.876	1.646	1.466	1.321	1.202	1.103	1.019	0.946	0.884	0.829	0.780	0.737	24.1
35.1-37.0	39.4- 41.6	9.526	5.427	3.771	2.882	2.328	1.952	1.679	1.473	1.311	1.182	1.075	0.986	0.911	0.846	0.790	0.741	0.697	0.659	24.5
37.1-39.0	41.7- 44.0	8.608	4.900	3.403	2.599	2.099	1.759	1.513	1.327	1.181	1.064	0.968	0.888	0.820	0.762	0.711	0.667	0.627	0.593	24.8
39.1-41.0	44.1- 46.4	7.821	4.449	3.088	2.358	1.904	1.595	1.371	1.202	1.070	0.964	0.877	0.804	0.742	0.689	0.644	0.603	0.568	0.536	25.1
41.1-43.0	46.5- 48.7	7.140	4.060	2.817	2.150	1.735	1.453	1.249	1.095	0.974	0.878	0.798	0.732	0.676	0.627	0.586	0.549	0.517	0.488	25.3
43.1-45.0	48.9- 51.1	6.546	3.721	2.581	1.969	1.589	1.330	1.143	1.002	0.892	0.803	0.730	0.669	0.618	0.574	0.535	0.502	0.472	0.446	25.6
45.1-47.0	51.3- 53.5	6.024	3.423	2.375	1.811	1.461	1.223	1.051	0.921	0.819	0.737	0.671	0.615	0.567	0.527	0.492	0.461	0.434	0.409	25.8
47.1-49.0	53.7- 56.0	5.562	3.161	2.193	1.672	1.348	1.128	0.969	0.849	0.755	0.680	0.618	0.567	0.523	0.486	0.453	0.425	0.400	0.377	25.9
49.1-51.0	56.1- 58.4	5.152	2.929	2.031	1.549	1.249	1.045	0.898	0.786	0.699	0.629	0.572	0.524	0.484	0.449	0.419	0.393	0.369	0.349	26.1
51.1-53.0	58.5- 60.8	4.785	2.721	1.887	1.439	1.160	0.971	0.834	0.730	0.649	0.584	0.531	0.487	0.449	0.417	0.389	0.364	0.343	0.324	26.2
53.1-55.0	61.0- 63.3	4.455	2.535	1.759	1.341	1.081	0.904	0.776	0.680	0.604	0.544	0.494	0.453	0.418	0.388	0.362	0.339	0.319	0.301	26.3
55.1-57.0	63.4- 65.7	4.158	2.367	1.643	1.253	1.010	0.845	0.725	0.635	0.564	0.508	0.461	0.423	0.390	0.362	0.338	0.316	0.297	0.281	26.4
57.1-59.0	65.9- 68.2	3.888	2.216	1.539	1.173	0.946	0.791	0.679	0.594	0.528	0.475	0.432	0.395	0.365	0.339	0.316	0.296	0.278	0.263	26.5
59.1-61.0	68.3- 70.7	3.643	2.078	1.444	1.101	0.888	0.742	0.637	0.558	0.496	0.446	0.405	0.371	0.342	0.317	0.296	0.277	0.261	0.246	26.6
61.1-63.0	70.8- 73.2	3.420	1.953	1.358	1.036	0.835	0.698	0.599	0.524	0.466	0.419	0.381	0.349	0.322	0.298	0.278	0.261	0.245	0.231	26.7
63.1-65.0	73.3- 75.7	3.216	1.839	1.279	0.976	0.787	0.658	0.564	0.494	0.439	0.395	0.359	0.328	0.303	0.281	0.262	0.245	0.231	0.218	26.7
65.1-67.0	75.9- 78.3	3.028	1.734	1.207	0.921	0.743	0.621	0.533	0.466	0.414	0.373	0.338	0.310	0.286	0.265	0.247	0.232	0.218	0.205	26.8
67.1-69.0	78.4- 80.8	2.855	1.638	1.141	0.871	0.702	0.587	0.504	0.441	0.392	0.352	0.320	0.293	0.270	0.251	0.234	0.219	0.206	0.194	26.8
69.1-71.0	80.9- 83.3	2.696	1.549	1.080	0.825	0.665	0.556	0.477	0.418	0.371	0.334	0.303	0.277	0.256	0.237	0.221	0.207	0.195	0.184	26.8
71.1-73.0	83.5- 85.9	2.549	1.467	1.024	0.783	0.631	0.528	0.453	0.396	0.352	0.316	0.287	0.263	0.243	0.225	0.210	0.196	0.185	0.174	26.9
73.1-75.0	86.0- 88.5	2.413	1.392	0.972	0.743	0.600	0.501	0.430	0.376	0.334	0.301	0.273	0.250	0.230	0.214	0.199	0.187	0.175	0.165	26.9
75.1-77.0	88.6- 91.0	2.286	1.321	0.924	0.707	0.570	0.477	0.409	0.358	0.318	0.286	0.260	0.238	0.219	0.203	0.189	0.177	0.167	0.157	26.9
77.1-79.0	91.2- 93.6	2.168	1.256	0.879	0.673	0.543	0.454	0.390	0.341	0.303	0.272	0.247	0.226	0.209	0.194	0.180	0.169	0.159	0.150	27.0
79.1-81.0	93.8- 96.2	2.058	1.195	0.838	0.642	0.518	0.433	0.372	0.325	0.289	0.260	0.236	0.216	0.199	0.185	0.172	0.161	0.151	0.143	27.0

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: HARDWOOD
NATURAL REGIONS: 9, 11

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	14.3- 16.4	694.145	372.771	263.084	204.618	167.609	141.922	123.015	108.511	97.033	87.727	80.031	73.562	68.051	63.300	59.162	55.528	52.310	49.442	15.7
15.1-17.0	16.6- 18.7	103.756	59.326	41.616	32.063	26.079	21.976	18.988	16.715	14.927	13.484	12.295	11.298	10.451	9.722	9.087	8.531	8.038	7.599	17.1
17.1-19.0	18.8- 20.9	53.683	30.122	20.747	15.762	12.685	10.602	9.101	7.970	7.087	6.379	5.799	5.315	4.905	4.554	4.249	3.983	3.748	3.539	18.3
19.1-21.0	21.0- 23.2	36.740	20.702	14.300	10.890	8.782	7.352	6.320	5.541	4.932	4.443	4.042	3.707	3.423	3.179	2.968	2.783	2.620	2.474	19.4
21.1-23.0	23.3- 25.4	28.040	15.872	10.995	8.389	6.774	5.677	4.884	4.285	3.816	3.439	3.130	2.871	2.652	2.464	2.301	2.158	2.031	1.919	20.3
23.1-25.0	25.6- 27.7	22.615	12.836	8.905	6.801	5.495	4.608	3.965	3.479	3.099	2.794	2.543	2.333	2.155	2.002	1.870	1.754	1.651	1.560	21.2
25.1-27.0	27.8- 30.0	18.858	10.717	7.440	5.684	4.594	3.852	3.316	2.910	2.592	2.336	2.126	1.951	1.802	1.675	1.564	1.467	1.381	1.305	21.9
27.1-29.0	30.1- 32.3	16.085	9.145	6.349	4.851	3.921	3.287	2.829	2.483	2.211	1.993	1.814	1.664	1.537	1.428	1.334	1.251	1.178	1.113	22.6
29.1-31.0	32.4- 34.6	13.948	7.929	5.505	4.205	3.398	2.849	2.451	2.151	1.915	1.726	1.571	1.441	1.331	1.237	1.155	1.083	1.020	0.963	23.1
31.1-33.0	34.7- 36.9	12.250	6.961	4.832	3.690	2.981	2.499	2.150	1.886	1.679	1.513	1.377	1.263	1.167	1.084	1.012	0.949	0.893	0.844	23.6
33.1-35.0	37.1- 39.3	10.868	6.173	4.283	3.270	2.641	2.213	1.904	1.670	1.487	1.340	1.219	1.118	1.032	0.959	0.895	0.840	0.790	0.746	24.1
35.1-37.0	39.4- 41.6	9.724	5.521	3.829	2.923	2.360	1.977	1.700	1.491	1.327	1.196	1.088	0.998	0.921	0.856	0.799	0.749	0.705	0.666	24.5
37.1-39.0	41.7- 44.0	8.761	4.972	3.448	2.631	2.123	1.778	1.529	1.341	1.193	1.075	0.978	0.897	0.828	0.769	0.718	0.673	0.633	0.598	24.8
39.1-41.0	44.1- 46.4	7.942	4.506	3.124	2.383	1.922	1.610	1.384	1.213	1.079	0.972	0.884	0.811	0.748	0.695	0.649	0.608	0.572	0.541	25.1
41.1-43.0	46.5- 48.7	7.237	4.105	2.845	2.170	1.750	1.465	1.259	1.104	0.982	0.884	0.804	0.737	0.680	0.632	0.590	0.553	0.520	0.491	25.3
43.1-45.0	48.9- 51.1	6.624	3.757	2.604	1.985	1.601	1.340	1.151	1.009	0.897	0.808	0.735	0.674	0.622	0.577	0.539	0.505	0.475	0.449	25.6
45.1-47.0	51.3- 53.5	6.088	3.453	2.393	1.824	1.471	1.231	1.057	0.926	0.824	0.742	0.674	0.618	0.570	0.530	0.494	0.463	0.436	0.411	25.8
47.1-49.0	53.7- 56.0	5.615	3.186	2.208	1.683	1.357	1.135	0.975	0.854	0.759	0.683	0.621	0.569	0.526	0.488	0.455	0.427	0.401	0.379	25.9
49.1-51.0	56.1- 58.4	5.196	2.949	2.044	1.558	1.256	1.050	0.902	0.790	0.702	0.632	0.575	0.527	0.486	0.451	0.421	0.394	0.371	0.350	26.1
51.1-53.0	58.5- 60.8	4.822	2.738	1.898	1.447	1.166	0.975	0.837	0.733	0.652	0.587	0.533	0.488	0.451	0.418	0.390	0.366	0.344	0.325	26.2
53.1-55.0	61.0- 63.3	4.486	2.550	1.768	1.347	1.086	0.908	0.779	0.682	0.607	0.546	0.496	0.454	0.419	0.389	0.363	0.340	0.320	0.302	26.3
55.1-57.0	63.4- 65.7	4.184	2.380	1.651	1.258	1.014	0.848	0.728	0.637	0.566	0.509	0.463	0.424	0.391	0.363	0.339	0.317	0.298	0.282	26.4
57.1-59.0	65.9- 68.2	3.911	2.227	1.545	1.178	0.949	0.793	0.681	0.596	0.530	0.477	0.433	0.397	0.366	0.339	0.317	0.297	0.279	0.263	26.5
59.1-61.0	68.3- 70.7	3.663	2.088	1.449	1.105	0.890	0.744	0.639	0.559	0.497	0.447	0.406	0.372	0.343	0.318	0.297	0.278	0.262	0.247	26.6
61.1-63.0	70.8- 73.2	3.437	1.961	1.363	1.039	0.837	0.700	0.601	0.526	0.467	0.420	0.382	0.350	0.322	0.299	0.279	0.261	0.246	0.232	26.7
63.1-65.0	73.3- 75.7	3.230	1.846	1.283	0.979	0.789	0.659	0.566	0.495	0.440	0.396	0.359	0.329	0.304	0.282	0.263	0.246	0.231	0.218	26.7
65.1-67.0	75.9- 78.3	3.041	1.740	1.211	0.924	0.745	0.622	0.534	0.467	0.415	0.373	0.339	0.311	0.286	0.266	0.248	0.232	0.218	0.206	26.8
67.1-69.0	78.4- 80.8	2.867	1.643	1.144	0.873	0.704	0.589	0.505	0.442	0.393	0.353	0.321	0.293	0.271	0.251	0.234	0.219	0.206	0.194	26.8
69.1-71.0	80.9- 83.3	2.706	1.554	1.083	0.827	0.667	0.557	0.478	0.418	0.372	0.334	0.303	0.278	0.256	0.238	0.222	0.207	0.195	0.184	26.8
71.1-73.0	83.5- 85.9	2.558	1.472	1.027	0.784	0.632	0.529	0.454	0.397	0.353	0.317	0.288	0.264	0.243	0.225	0.210	0.197	0.185	0.174	26.9
73.1-75.0	86.0- 88.5	2.420	1.395	0.974	0.745	0.601	0.502	0.431	0.377	0.335	0.301	0.273	0.250	0.231	0.214	0.199	0.187	0.176	0.166	26.9
75.1-77.0	88.6- 91.0	2.293	1.325	0.926	0.708	0.571	0.478	0.410	0.359	0.319	0.286	0.260	0.238	0.219	0.203	0.190	0.178	0.167	0.158	26.9
77.1-79.0	91.2- 93.6	2.174	1.259	0.881	0.674	0.544	0.455	0.391	0.342	0.303	0.273	0.248	0.227	0.209	0.194	0.181	0.169	0.159	0.150	27.0
79.1-81.0	93.8- 96.2	2.064	1.198	0.840	0.643	0.519	0.434	0.372	0.326	0.289	0.260	0.236	0.216	0.199	0.185	0.172	0.161	0.152	0.143	27.0

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

SPECIES: HARDWOOD
NATURAL REGIONS: 9, 11

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	16.6- 18.7	580.320	323.458	233.926	184.693	152.722	130.112	113.244	100.177	89.762	81.271	74.221	68.276	63.198	58.812	54.987	51.623	48.641	45.980	17.1
17.1-19.0	18.8- 20.9	96.201	55.974	39.932	31.191	25.654	21.816	18.993	16.825	15.106	13.710	12.551	11.575	10.740	10.019	9.388	8.833	8.340	7.899	18.3
19.1-21.0	21.0- 23.2	49.505	27.809	19.169	14.563	11.713	9.783	8.392	7.344	6.526	5.870	5.333	4.886	4.507	4.182	3.901	3.655	3.438	3.245	19.4
21.1-23.0	23.3- 25.4	33.557	18.782	12.913	9.798	7.879	6.581	5.647	4.943	4.395	3.955	3.595	3.294	3.040	2.822	2.633	2.468	2.322	2.192	20.3
23.1-25.0	25.6- 27.7	25.506	14.316	9.864	7.499	6.038	5.050	4.338	3.800	3.380	3.044	2.768	2.538	2.343	2.176	2.030	1.904	1.791	1.692	21.2
25.1-27.0	27.8- 30.0	20.562	11.574	7.990	6.082	4.902	4.103	3.526	3.091	2.750	2.477	2.253	2.066	1.908	1.772	1.654	1.551	1.460	1.379	21.9
27.1-29.0	30.1- 32.3	17.172	9.685	6.694	5.099	4.112	3.443	2.960	2.595	2.309	2.080	1.892	1.735	1.603	1.488	1.389	1.303	1.226	1.158	22.6
29.1-31.0	32.4- 34.6	14.681	8.290	5.734	4.369	3.525	2.951	2.537	2.224	1.980	1.784	1.623	1.488	1.374	1.276	1.191	1.117	1.051	0.993	23.1
31.1-33.0	34.7- 36.9	12.766	7.214	4.991	3.804	3.069	2.569	2.209	1.937	1.724	1.553	1.412	1.295	1.196	1.111	1.037	0.972	0.915	0.864	23.6
33.1-35.0	37.1- 39.3	11.244	6.356	4.398	3.352	2.704	2.264	1.946	1.706	1.518	1.368	1.244	1.141	1.053	0.978	0.913	0.856	0.806	0.761	24.1
35.1-37.0	39.4- 41.6	10.005	5.657	3.915	2.983	2.406	2.014	1.731	1.518	1.350	1.216	1.106	1.014	0.936	0.870	0.812	0.761	0.716	0.676	24.5
37.1-39.0	41.7- 44.0	8.976	5.076	3.513	2.677	2.158	1.807	1.553	1.361	1.211	1.090	0.992	0.909	0.839	0.779	0.727	0.682	0.642	0.606	24.8
39.1-41.0	44.1- 46.4	8.109	4.586	3.174	2.418	1.950	1.632	1.402	1.228	1.093	0.984	0.895	0.820	0.757	0.703	0.656	0.615	0.579	0.547	25.1
41.1-43.0	46.5- 48.7	7.369	4.169	2.885	2.197	1.771	1.482	1.273	1.116	0.992	0.893	0.812	0.745	0.687	0.638	0.596	0.558	0.525	0.496	25.3
43.1-45.0	48.9- 51.1	6.730	3.808	2.635	2.007	1.618	1.353	1.163	1.018	0.906	0.815	0.741	0.679	0.627	0.582	0.543	0.509	0.479	0.452	25.6
45.1-47.0	51.3- 53.5	6.174	3.495	2.419	1.842	1.484	1.242	1.066	0.934	0.831	0.748	0.680	0.623	0.575	0.534	0.498	0.467	0.439	0.414	25.8
47.1-49.0	53.7- 56.0	5.686	3.220	2.229	1.697	1.368	1.144	0.982	0.860	0.765	0.688	0.626	0.573	0.529	0.491	0.458	0.429	0.404	0.381	25.9
49.1-51.0	56.1- 58.4	5.255	2.977	2.061	1.570	1.265	1.058	0.908	0.795	0.707	0.636	0.578	0.530	0.489	0.454	0.423	0.397	0.373	0.352	26.1
51.1-53.0	58.5- 60.8	4.871	2.762	1.913	1.457	1.174	0.981	0.842	0.737	0.655	0.590	0.536	0.491	0.453	0.420	0.392	0.368	0.346	0.326	26.2
53.1-55.0	61.0- 63.3	4.528	2.569	1.780	1.356	1.092	0.913	0.784	0.686	0.610	0.549	0.498	0.457	0.421	0.391	0.365	0.342	0.321	0.303	26.3
55.1-57.0	63.4- 65.7	4.219	2.397	1.661	1.265	1.019	0.852	0.731	0.640	0.569	0.512	0.465	0.426	0.393	0.365	0.340	0.319	0.300	0.283	26.4
57.1-59.0	65.9- 68.2	3.941	2.241	1.554	1.184	0.954	0.797	0.684	0.599	0.532	0.479	0.435	0.398	0.367	0.341	0.318	0.298	0.280	0.264	26.5
59.1-61.0	68.3- 70.7	3.688	2.100	1.457	1.110	0.894	0.748	0.642	0.561	0.499	0.449	0.408	0.373	0.344	0.319	0.298	0.279	0.262	0.248	26.6
61.1-63.0	70.8- 73.2	3.459	1.972	1.369	1.044	0.841	0.703	0.603	0.528	0.469	0.422	0.383	0.351	0.323	0.300	0.280	0.262	0.246	0.233	26.7
63.1-65.0	73.3- 75.7	3.249	1.855	1.289	0.983	0.792	0.662	0.568	0.497	0.441	0.397	0.360	0.330	0.304	0.282	0.263	0.247	0.232	0.219	26.7
65.1-67.0	75.9- 78.3	3.057	1.748	1.216	0.927	0.747	0.625	0.536	0.469	0.416	0.374	0.340	0.311	0.287	0.266	0.248	0.233	0.219	0.206	26.8
67.1-69.0	78.4- 80.8	2.881	1.650	1.149	0.876	0.706	0.590	0.507	0.443	0.394	0.354	0.321	0.294	0.271	0.252	0.235	0.220	0.207	0.195	26.8
69.1-71.0	80.9- 83.3	2.718	1.560	1.087	0.830	0.669	0.559	0.480	0.420	0.373	0.335	0.304	0.279	0.257	0.238	0.222	0.208	0.196	0.184	26.8
71.1-73.0	83.5- 85.9	2.569	1.477	1.030	0.787	0.634	0.530	0.455	0.398	0.353	0.318	0.288	0.264	0.243	0.226	0.211	0.197	0.185	0.175	26.9
73.1-75.0	86.0- 88.5	2.430	1.400	0.978	0.747	0.602	0.504	0.432	0.378	0.336	0.302	0.274	0.251	0.231	0.214	0.200	0.187	0.176	0.166	26.9
75.1-77.0	88.6- 91.0	2.301	1.329	0.929	0.710	0.573	0.479	0.411	0.359	0.319	0.287	0.261	0.238	0.220	0.204	0.190	0.178	0.167	0.158	26.9
77.1-79.0	91.2- 93.6	2.182	1.263	0.884	0.676	0.546	0.456	0.391	0.342	0.304	0.273	0.248	0.227	0.209	0.194	0.181	0.169	0.159	0.150	27.0
79.1-81.0	93.8- 96.2	2.070	1.201	0.842	0.644	0.520	0.435	0.373	0.326	0.290	0.261	0.237	0.217	0.200	0.185	0.172	0.161	0.152	0.143	27.0

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

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

SPECIES: HARDWOOD
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	7.8- 9.9	245.612	140.406	97.784	74.876	60.615	50.895	43.851	38.514	34.331	30.966	28.199	25.886	23.922	22.235	20.770	19.485	18.350	17.340	8.1
9.1-11.0	10.0- 12.1	124.518	72.342	50.796	39.087	31.746	26.718	23.060	20.280	18.097	16.337	14.888	13.675	12.645	11.758	10.987	10.311	9.714	9.181	9.8
11.1-13.0	12.3- 14.4	80.873	46.983	32.981	25.371	20.601	17.334	14.958	13.152	11.735	10.592	9.652	8.865	8.196	7.621	7.121	6.682	6.294	5.949	11.5
13.1-15.0	14.5- 16.6	57.985	33.569	23.518	18.068	14.657	12.323	10.628	9.341	8.331	7.517	6.848	6.288	5.812	5.403	5.048	4.737	4.461	4.216	13.0
15.1-17.0	16.7- 18.9	44.094	25.421	17.769	13.631	11.045	9.278	7.997	7.024	6.262	5.648	5.144	4.722	4.364	4.056	3.788	3.554	3.347	3.162	14.5
17.1-19.0	19.0- 21.1	34.918	20.051	13.985	10.712	8.670	7.277	6.267	5.502	4.903	4.421	4.025	3.693	3.412	3.171	2.961	2.777	2.615	2.471	15.8
19.1-21.0	21.3- 23.4	28.496	16.307	11.351	8.682	7.020	5.887	5.067	4.446	3.960	3.569	3.248	2.980	2.753	2.557	2.388	2.239	2.108	1.991	17.0
21.1-23.0	23.5- 25.7	23.804	13.583	9.439	7.211	5.825	4.881	4.199	3.682	3.278	2.954	2.687	2.465	2.276	2.114	1.973	1.850	1.742	1.645	18.2
23.1-25.0	25.8- 28.0	20.260	11.535	8.005	6.109	4.931	4.129	3.550	3.111	2.769	2.494	2.268	2.080	1.920	1.783	1.664	1.560	1.468	1.387	19.2
25.1-27.0	28.1- 30.3	17.510	9.953	6.900	5.261	4.243	3.551	3.051	2.673	2.378	2.141	1.947	1.785	1.647	1.529	1.427	1.338	1.259	1.189	20.1
27.1-29.0	30.4- 32.6	15.326	8.704	6.030	4.594	3.703	3.097	2.660	2.330	2.072	1.865	1.695	1.553	1.433	1.331	1.241	1.163	1.095	1.033	21.0
29.1-31.0	32.7- 34.9	13.560	7.698	5.330	4.059	3.270	2.734	2.347	2.055	1.827	1.643	1.494	1.368	1.263	1.172	1.093	1.024	0.964	0.910	21.7
31.1-33.0	35.0- 37.2	12.109	6.875	4.760	3.624	2.918	2.439	2.092	1.831	1.627	1.464	1.330	1.218	1.124	1.043	0.973	0.911	0.857	0.809	22.4
33.1-35.0	37.4- 39.6	10.899	6.192	4.288	3.264	2.627	2.195	1.883	1.647	1.463	1.316	1.195	1.095	1.010	0.937	0.874	0.818	0.770	0.726	23.1
35.1-37.0	39.7- 41.9	9.878	5.618	3.892	2.962	2.384	1.991	1.708	1.494	1.327	1.193	1.083	0.992	0.915	0.848	0.791	0.741	0.697	0.658	23.7
37.1-39.0	42.0- 44.3	9.008	5.131	3.557	2.708	2.179	1.820	1.560	1.364	1.212	1.089	0.989	0.905	0.835	0.774	0.722	0.676	0.635	0.600	24.2
39.1-41.0	44.4- 46.6	8.258	4.713	3.271	2.490	2.004	1.673	1.434	1.254	1.113	1.001	0.908	0.832	0.767	0.711	0.663	0.620	0.583	0.550	24.7
41.1-43.0	46.8- 49.0	7.608	4.352	3.023	2.303	1.854	1.548	1.326	1.160	1.029	0.925	0.840	0.768	0.708	0.657	0.612	0.573	0.539	0.508	25.1
43.1-45.0	49.1- 51.4	7.038	4.037	2.809	2.141	1.723	1.439	1.233	1.078	0.957	0.859	0.780	0.714	0.658	0.610	0.568	0.532	0.500	0.472	25.5
45.1-47.0	51.5- 53.8	6.537	3.761	2.620	1.999	1.609	1.344	1.152	1.006	0.893	0.802	0.728	0.666	0.614	0.569	0.530	0.496	0.466	0.440	25.8
47.1-49.0	53.9- 56.2	6.092	3.517	2.455	1.874	1.509	1.260	1.080	0.944	0.838	0.752	0.683	0.624	0.575	0.533	0.497	0.465	0.437	0.412	26.2
49.1-51.0	56.3- 58.6	5.696	3.300	2.308	1.763	1.421	1.187	1.017	0.889	0.789	0.708	0.643	0.588	0.541	0.502	0.468	0.438	0.411	0.388	26.4
51.1-53.0	58.7- 61.0	5.340	3.106	2.177	1.665	1.343	1.122	0.961	0.840	0.745	0.669	0.607	0.555	0.512	0.474	0.442	0.413	0.388	0.366	26.7
53.1-55.0	61.1- 63.4	5.021	2.932	2.060	1.577	1.273	1.063	0.912	0.797	0.707	0.635	0.576	0.526	0.485	0.449	0.419	0.392	0.368	0.347	26.9
55.1-57.0	63.6- 65.9	4.731	2.775	1.954	1.499	1.210	1.011	0.867	0.758	0.672	0.604	0.547	0.501	0.461	0.427	0.398	0.372	0.350	0.330	27.1
57.1-59.0	66.0- 68.3	4.469	2.633	1.859	1.428	1.153	0.964	0.827	0.723	0.641	0.576	0.522	0.478	0.440	0.407	0.380	0.355	0.334	0.314	27.3
59.1-61.0	68.4- 70.8	4.229	2.504	1.773	1.363	1.102	0.922	0.791	0.691	0.613	0.551	0.500	0.457	0.421	0.390	0.363	0.340	0.319	0.301	27.5
61.1-63.0	70.9- 73.2	4.010	2.386	1.694	1.305	1.056	0.884	0.758	0.663	0.588	0.528	0.479	0.438	0.403	0.374	0.348	0.325	0.306	0.288	27.7
63.1-65.0	73.3- 75.7	3.809	2.278	1.622	1.252	1.014	0.849	0.729	0.637	0.565	0.508	0.460	0.421	0.388	0.359	0.334	0.313	0.294	0.277	27.8
65.1-67.0	75.8- 78.2	3.624	2.179	1.557	1.203	0.976	0.817	0.702	0.614	0.545	0.489	0.444	0.406	0.373	0.346	0.322	0.301	0.283	0.267	27.9
67.1-69.0	78.3- 80.7	3.454	2.087	1.496	1.159	0.940	0.789	0.677	0.592	0.526	0.472	0.428	0.392	0.361	0.334	0.311	0.291	0.273	0.257	28.0
69.1-71.0	80.8- 83.2	3.296	2.003	1.441	1.118	0.908	0.762	0.655	0.573	0.508	0.457	0.414	0.379	0.349	0.323	0.301	0.281	0.264	0.249	28.1
71.1-73.0	83.3- 85.7	3.149	1.925	1.389	1.080	0.879	0.738	0.634	0.555	0.493	0.443	0.401	0.367	0.338	0.313	0.291	0.273	0.256	0.241	28.2
73.1-75.0	85.8- 88.2	3.013	1.852	1.342	1.045	0.851	0.715	0.615	0.539	0.478	0.430	0.390	0.356	0.328	0.304	0.283	0.265	0.248	0.234	28.3
75.1-77.0	88.3- 90.7	2.886	1.785	1.297	1.013	0.826	0.695	0.598	0.523	0.465	0.418	0.379	0.346	0.319	0.295	0.275	0.257	0.242	0.228	28.4
77.1-79.0	90.8- 93.2	2.767	1.722	1.256	0.983	0.803	0.676	0.582	0.510	0.453	0.407	0.369	0.337	0.311	0.288	0.268	0.251	0.235	0.222	28.5
79.1-81.0	93.4- 95.8	2.657	1.663	1.218	0.955	0.781	0.658	0.567	0.497	0.441	0.397	0.360	0.329	0.303	0.281	0.261	0.244	0.229	0.216	28.5

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: HARDWOOD
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)
9.1-11.0	10.0- 12.1	191.597	107.033	73.483	55.703	44.757	37.365	32.048	28.045	24.924	22.425	20.378	18.672	17.228	15.991	14.919	13.981	13.154	12.419	9.8
11.1-13.0	12.3- 14.4	95.102	53.959	37.423	28.579	23.092	19.362	16.664	14.623	13.026	11.742	10.688	9.807	9.060	8.418	7.861	7.373	6.942	6.559	11.5
13.1-15.0	14.5- 16.6	63.220	36.083	25.103	19.205	15.536	13.037	11.227	9.856	8.783	7.919	7.210	6.617	6.114	5.681	5.306	4.977	4.687	4.428	13.0
15.1-17.0	16.7- 18.9	46.550	26.582	18.494	14.147	11.442	9.600	8.266	7.255	6.464	5.828	5.305	4.868	4.498	4.179	3.903	3.661	3.447	3.256	14.5
17.1-19.0	19.0- 21.1	36.248	20.671	14.369	10.983	8.878	7.445	6.407	5.622	5.007	4.513	4.108	3.769	3.481	3.234	3.020	2.832	2.666	2.519	15.8
19.1-21.0	21.3- 23.4	29.290	16.673	11.576	8.840	7.140	5.984	5.147	4.515	4.020	3.622	3.296	3.023	2.792	2.593	2.421	2.270	2.137	2.019	17.0
21.1-23.0	23.5- 25.7	24.313	13.816	9.581	7.310	5.900	4.941	4.249	3.725	3.315	2.986	2.716	2.491	2.300	2.136	1.994	1.869	1.759	1.662	18.2
23.1-25.0	25.8- 28.0	20.604	11.691	8.100	6.175	4.980	4.169	3.582	3.139	2.793	2.515	2.287	2.097	1.936	1.797	1.677	1.572	1.480	1.397	19.2
25.1-27.0	28.1- 30.3	17.752	10.063	6.966	5.307	4.277	3.578	3.074	2.692	2.395	2.156	1.960	1.796	1.658	1.539	1.436	1.346	1.267	1.196	20.1
27.1-29.0	30.4- 32.6	15.503	8.783	6.077	4.627	3.727	3.117	2.676	2.343	2.083	1.875	1.704	1.562	1.441	1.337	1.248	1.169	1.100	1.039	21.0
29.1-31.0	32.7- 34.9	13.693	7.757	5.366	4.084	3.288	2.748	2.359	2.065	1.835	1.651	1.500	1.375	1.268	1.177	1.098	1.029	0.968	0.913	21.7
31.1-33.0	35.0- 37.2	12.211	6.921	4.787	3.642	2.932	2.450	2.102	1.839	1.634	1.470	1.335	1.223	1.128	1.047	0.976	0.915	0.860	0.812	22.4
33.1-35.0	37.4- 39.6	10.979	6.228	4.309	3.278	2.638	2.203	1.890	1.653	1.469	1.321	1.199	1.098	1.013	0.940	0.876	0.821	0.772	0.729	23.1
35.1-37.0	39.7- 41.9	9.942	5.647	3.909	2.974	2.393	1.998	1.713	1.498	1.331	1.196	1.086	0.995	0.917	0.851	0.793	0.743	0.699	0.659	23.7
37.1-39.0	42.0- 44.3	9.060	5.155	3.571	2.717	2.186	1.825	1.565	1.368	1.215	1.092	0.991	0.908	0.837	0.776	0.723	0.677	0.637	0.601	24.2
39.1-41.0	44.4- 46.6	8.301	4.733	3.282	2.498	2.010	1.678	1.438	1.257	1.116	1.003	0.911	0.833	0.768	0.712	0.664	0.622	0.585	0.551	24.7
41.1-43.0	46.8- 49.0	7.643	4.368	3.033	2.310	1.859	1.552	1.330	1.162	1.032	0.927	0.841	0.770	0.710	0.658	0.613	0.574	0.540	0.509	25.1
43.1-45.0	49.1- 51.4	7.068	4.051	2.817	2.146	1.727	1.442	1.236	1.080	0.958	0.861	0.781	0.715	0.659	0.611	0.569	0.533	0.501	0.472	25.5
45.1-47.0	51.5- 53.8	6.562	3.773	2.628	2.004	1.613	1.347	1.154	1.008	0.895	0.804	0.729	0.667	0.615	0.570	0.531	0.497	0.467	0.441	25.8
47.1-49.0	53.9- 56.2	6.114	3.527	2.461	1.878	1.513	1.263	1.082	0.946	0.839	0.754	0.684	0.625	0.576	0.534	0.498	0.466	0.438	0.413	26.2
49.1-51.0	56.3- 58.6	5.714	3.309	2.313	1.767	1.424	1.189	1.019	0.890	0.790	0.709	0.644	0.589	0.542	0.503	0.468	0.438	0.412	0.388	26.4
51.1-53.0	58.7- 61.0	5.357	3.114	2.182	1.669	1.345	1.124	0.963	0.841	0.746	0.670	0.608	0.556	0.512	0.475	0.442	0.414	0.389	0.367	26.7
53.1-55.0	61.1- 63.4	5.035	2.939	2.064	1.580	1.275	1.065	0.913	0.798	0.708	0.636	0.576	0.527	0.486	0.450	0.419	0.392	0.368	0.347	26.9
55.1-57.0	63.6- 65.9	4.744	2.781	1.958	1.501	1.212	1.013	0.868	0.759	0.673	0.604	0.548	0.501	0.462	0.428	0.398	0.373	0.350	0.330	27.1
57.1-59.0	66.0- 68.3	4.480	2.638	1.863	1.430	1.155	0.966	0.828	0.724	0.642	0.577	0.523	0.478	0.440	0.408	0.380	0.355	0.334	0.315	27.3
59.1-61.0	68.4- 70.8	4.239	2.509	1.776	1.366	1.104	0.923	0.792	0.692	0.614	0.551	0.500	0.457	0.421	0.390	0.363	0.340	0.319	0.301	27.5
61.1-63.0	70.9- 73.2	4.019	2.390	1.697	1.307	1.058	0.885	0.759	0.664	0.589	0.529	0.480	0.438	0.404	0.374	0.348	0.326	0.306	0.288	27.7
63.1-65.0	73.3- 75.7	3.817	2.282	1.625	1.254	1.015	0.850	0.730	0.638	0.566	0.508	0.461	0.421	0.388	0.359	0.335	0.313	0.294	0.277	27.8
65.1-67.0	75.8- 78.2	3.631	2.182	1.559	1.205	0.977	0.818	0.703	0.614	0.545	0.490	0.444	0.406	0.374	0.346	0.322	0.302	0.283	0.267	27.9
67.1-69.0	78.3- 80.7	3.460	2.091	1.498	1.160	0.942	0.789	0.678	0.593	0.526	0.473	0.429	0.392	0.361	0.334	0.311	0.291	0.273	0.258	28.0
69.1-71.0	80.8- 83.2	3.301	2.006	1.443	1.119	0.909	0.763	0.655	0.573	0.509	0.457	0.415	0.379	0.349	0.323	0.301	0.281	0.264	0.249	28.1
71.1-73.0	83.3- 85.7	3.154	1.928	1.391	1.081	0.880	0.739	0.635	0.556	0.493	0.443	0.402	0.367	0.338	0.313	0.292	0.273	0.256	0.241	28.2
73.1-75.0	85.8- 88.2	3.017	1.855	1.343	1.046	0.852	0.716	0.616	0.539	0.479	0.430	0.390	0.357	0.328	0.304	0.283	0.265	0.249	0.234	28.3
75.1-77.0	88.3- 90.7	2.890	1.787	1.299	1.014	0.827	0.695	0.598	0.524	0.465	0.418	0.379	0.347	0.319	0.296	0.275	0.257	0.242	0.228	28.4
77.1-79.0	90.8- 93.2	2.771	1.724	1.258	0.984	0.804	0.676	0.582	0.510	0.453	0.407	0.369	0.338	0.311	0.288	0.268	0.251	0.235	0.222	28.5
79.1-81.0	93.4- 95.8	2.660	1.665	1.220	0.956	0.782	0.659	0.567	0.497	0.442	0.397	0.360	0.329	0.303	0.281	0.261	0.245	0.230	0.216	28.5

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

SPECIES: HARDWOOD
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	12.3- 14.4	289.333	174.758	128.985	103.559	87.063	75.359	66.559	59.670	54.114	49.528	45.674	42.386	39.547	37.068	34.884	32.946	31.213	29.654	11.5
13.1-15.0	14.5- 16.6	95.028	52.850	36.128	27.274	21.837	18.175	15.549	13.578	12.045	10.819	9.819	8.986	8.282	7.680	7.160	6.705	6.304	5.948	13.0
15.1-17.0	16.7- 18.9	57.517	32.041	21.964	16.636	13.361	11.152	9.564	8.369	7.438	6.692	6.081	5.572	5.141	4.772	4.452	4.172	3.925	3.706	14.5
17.1-19.0	19.0- 21.1	41.325	23.139	15.917	12.086	9.724	8.127	6.977	6.110	5.433	4.891	4.446	4.075	3.762	3.492	3.259	3.055	2.875	2.714	15.8
19.1-21.0	21.3- 23.4	32.046	17.994	12.398	9.422	7.586	6.342	5.446	4.770	4.242	3.819	3.472	3.182	2.937	2.727	2.545	2.386	2.245	2.120	17.0
21.1-23.0	23.5- 25.7	25.970	14.602	10.067	7.653	6.161	5.151	4.423	3.873	3.444	3.100	2.818	2.583	2.384	2.214	2.066	1.936	1.822	1.720	18.2
23.1-25.0	25.8- 28.0	21.674	12.196	8.410	6.393	5.146	4.301	3.692	3.233	2.874	2.587	2.351	2.155	1.988	1.846	1.722	1.614	1.519	1.434	19.2
25.1-27.0	28.1- 30.3	18.481	10.406	7.176	5.454	4.389	3.667	3.147	2.755	2.449	2.203	2.002	1.835	1.693	1.571	1.466	1.374	1.292	1.220	20.1
27.1-29.0	30.4- 32.6	16.021	9.026	6.226	4.731	3.806	3.179	2.727	2.387	2.121	1.908	1.734	1.588	1.465	1.360	1.268	1.188	1.118	1.055	21.0
29.1-31.0	32.7- 34.9	14.074	7.936	5.475	4.160	3.345	2.794	2.396	2.096	1.862	1.675	1.522	1.394	1.285	1.193	1.112	1.042	0.980	0.925	21.7
31.1-33.0	35.0- 37.2	12.499	7.056	4.870	3.699	2.975	2.483	2.129	1.862	1.654	1.488	1.351	1.237	1.141	1.059	0.987	0.925	0.870	0.821	22.4
33.1-35.0	37.4- 39.6	11.201	6.333	4.373	3.323	2.671	2.230	1.911	1.671	1.484	1.334	1.212	1.109	1.023	0.949	0.885	0.829	0.779	0.735	23.1
35.1-37.0	39.7- 41.9	10.117	5.730	3.960	3.009	2.419	2.019	1.730	1.513	1.343	1.207	1.096	1.003	0.925	0.858	0.800	0.749	0.704	0.664	23.7
37.1-39.0	42.0- 44.3	9.200	5.221	3.612	2.746	2.207	1.842	1.578	1.380	1.225	1.100	0.999	0.914	0.843	0.782	0.729	0.682	0.641	0.605	24.2
39.1-41.0	44.4- 46.6	8.415	4.788	3.316	2.522	2.027	1.692	1.449	1.267	1.124	1.010	0.917	0.839	0.773	0.717	0.668	0.626	0.588	0.555	24.7
41.1-43.0	46.8- 49.0	7.737	4.414	3.061	2.329	1.873	1.563	1.339	1.170	1.038	0.933	0.846	0.774	0.714	0.662	0.617	0.577	0.543	0.512	25.1
43.1-45.0	49.1- 51.4	7.146	4.089	2.840	2.163	1.740	1.452	1.243	1.086	0.964	0.866	0.786	0.719	0.662	0.614	0.572	0.536	0.503	0.475	25.5
45.1-47.0	51.5- 53.8	6.628	3.805	2.648	2.018	1.623	1.355	1.160	1.014	0.900	0.808	0.733	0.670	0.618	0.573	0.533	0.499	0.469	0.443	25.8
47.1-49.0	53.9- 56.2	6.169	3.555	2.478	1.890	1.522	1.270	1.088	0.950	0.843	0.757	0.687	0.628	0.579	0.536	0.500	0.468	0.439	0.414	26.2
49.1-51.0	56.3- 58.6	5.762	3.333	2.328	1.778	1.432	1.195	1.024	0.894	0.793	0.712	0.646	0.591	0.544	0.505	0.470	0.440	0.413	0.390	26.4
51.1-53.0	58.7- 61.0	5.398	3.135	2.195	1.678	1.352	1.129	0.967	0.845	0.750	0.673	0.610	0.558	0.514	0.476	0.444	0.415	0.390	0.368	26.7
53.1-55.0	61.1- 63.4	5.070	2.957	2.076	1.589	1.281	1.070	0.917	0.801	0.710	0.638	0.579	0.529	0.487	0.451	0.420	0.393	0.370	0.348	26.9
55.1-57.0	63.6- 65.9	4.775	2.797	1.969	1.509	1.217	1.017	0.872	0.762	0.676	0.607	0.550	0.503	0.463	0.429	0.400	0.374	0.351	0.331	27.1
57.1-59.0	66.0- 68.3	4.507	2.653	1.872	1.437	1.160	0.970	0.831	0.726	0.644	0.578	0.525	0.480	0.442	0.409	0.381	0.356	0.335	0.316	27.3
59.1-61.0	68.4- 70.8	4.263	2.522	1.784	1.371	1.108	0.927	0.795	0.695	0.616	0.553	0.502	0.459	0.422	0.391	0.364	0.341	0.320	0.302	27.5
61.1-63.0	70.9- 73.2	4.040	2.402	1.705	1.312	1.062	0.888	0.762	0.666	0.591	0.530	0.481	0.440	0.405	0.375	0.349	0.327	0.307	0.289	27.7
63.1-65.0	73.3- 75.7	3.836	2.292	1.632	1.259	1.019	0.853	0.732	0.640	0.568	0.510	0.462	0.423	0.389	0.360	0.336	0.314	0.295	0.278	27.8
65.1-67.0	75.8- 78.2	3.648	2.192	1.565	1.209	0.980	0.821	0.705	0.616	0.547	0.491	0.445	0.407	0.375	0.347	0.323	0.302	0.284	0.268	27.9
67.1-69.0	78.3- 80.7	3.475	2.099	1.504	1.164	0.945	0.792	0.680	0.595	0.528	0.474	0.430	0.393	0.362	0.335	0.312	0.292	0.274	0.258	28.0
69.1-71.0	80.8- 83.2	3.315	2.014	1.448	1.123	0.912	0.765	0.657	0.575	0.510	0.458	0.416	0.380	0.350	0.324	0.302	0.282	0.265	0.250	28.1
71.1-73.0	83.3- 85.7	3.166	1.935	1.396	1.085	0.882	0.741	0.637	0.557	0.494	0.444	0.403	0.368	0.339	0.314	0.292	0.273	0.257	0.242	28.2
73.1-75.0	85.8- 88.2	3.028	1.862	1.348	1.050	0.855	0.718	0.617	0.540	0.480	0.431	0.391	0.357	0.329	0.305	0.284	0.265	0.249	0.235	28.3
75.1-77.0	88.3- 90.7	2.900	1.793	1.303	1.017	0.830	0.697	0.600	0.525	0.466	0.419	0.380	0.347	0.320	0.296	0.276	0.258	0.242	0.228	28.4
77.1-79.0	90.8- 93.2	2.780	1.730	1.262	0.987	0.806	0.678	0.584	0.511	0.454	0.408	0.370	0.338	0.312	0.289	0.269	0.251	0.236	0.222	28.5
79.1-81.0	93.4- 95.8	2.668	1.670	1.223	0.959	0.784	0.661	0.569	0.498	0.443	0.398	0.361	0.330	0.304	0.281	0.262	0.245	0.230	0.217	28.5

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: HARDWOOD
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	12.3- 14.4	1219.617	774.177	605.952	501.375	426.256	369.244	324.632	288.936	259.848	235.768	215.555	198.383	183.635	170.848	159.666	149.812	141.069	133.262	11.5
13.1-15.0	14.5- 16.6	130.671	74.839	52.430	40.301	32.696	27.484	23.691	20.810	18.547	16.724	15.225	13.970	12.905	11.989	11.194	10.497	9.882	9.334	13.0
15.1-17.0	16.7- 18.9	66.160	36.710	25.056	18.901	15.128	12.590	10.770	9.405	8.344	7.496	6.803	6.227	5.740	5.323	4.963	4.648	4.370	4.124	14.5
17.1-19.0	19.0- 21.1	44.697	24.864	17.023	12.880	10.336	8.621	7.389	6.463	5.741	5.164	4.691	4.297	3.964	3.679	3.431	3.215	3.025	2.855	15.8
19.1-21.0	21.3- 23.4	33.708	18.823	12.922	9.796	7.872	6.572	5.637	4.933	4.385	3.945	3.585	3.285	3.031	2.813	2.625	2.460	2.314	2.185	17.0
21.1-23.0	23.5- 25.7	26.909	15.064	10.357	7.858	6.318	5.277	4.527	3.962	3.522	3.169	2.880	2.639	2.435	2.260	2.109	1.976	1.859	1.755	18.2
23.1-25.0	25.8- 28.0	22.255	12.480	8.587	6.518	5.241	4.377	3.755	3.286	2.921	2.628	2.388	2.188	2.019	1.874	1.748	1.638	1.541	1.455	19.2
25.1-27.0	28.1- 30.3	18.865	10.592	7.292	5.535	4.450	3.716	3.188	2.789	2.479	2.230	2.026	1.856	1.712	1.589	1.482	1.389	1.307	1.233	20.1
27.1-29.0	30.4- 32.6	16.288	9.155	6.306	4.787	3.848	3.213	2.755	2.410	2.141	1.926	1.750	1.603	1.478	1.372	1.279	1.199	1.128	1.064	21.0
29.1-31.0	32.7- 34.9	14.266	8.029	5.532	4.200	3.376	2.818	2.416	2.113	1.877	1.688	1.533	1.404	1.295	1.201	1.120	1.050	0.987	0.932	21.7
31.1-33.0	35.0- 37.2	12.641	7.125	4.912	3.729	2.997	2.501	2.144	1.875	1.665	1.497	1.359	1.245	1.148	1.065	0.993	0.930	0.875	0.825	22.4
33.1-35.0	37.4- 39.6	11.310	6.386	4.406	3.345	2.688	2.243	1.922	1.681	1.492	1.341	1.218	1.115	1.028	0.954	0.889	0.833	0.783	0.739	23.1
35.1-37.0	39.7- 41.9	10.202	5.771	3.986	3.027	2.433	2.030	1.739	1.520	1.349	1.213	1.101	1.008	0.929	0.862	0.803	0.752	0.707	0.667	23.7
37.1-39.0	42.0- 44.3	9.267	5.255	3.633	2.760	2.218	1.850	1.585	1.385	1.230	1.105	1.003	0.918	0.846	0.784	0.731	0.685	0.644	0.607	24.2
39.1-41.0	44.4- 46.6	8.469	4.814	3.332	2.533	2.036	1.698	1.455	1.271	1.128	1.014	0.920	0.842	0.776	0.719	0.670	0.628	0.590	0.557	24.7
41.1-43.0	46.8- 49.0	7.781	4.436	3.075	2.339	1.880	1.568	1.343	1.174	1.042	0.936	0.849	0.777	0.716	0.664	0.618	0.579	0.544	0.513	25.1
43.1-45.0	49.1- 51.4	7.183	4.108	2.852	2.171	1.746	1.456	1.247	1.090	0.967	0.868	0.788	0.721	0.664	0.616	0.574	0.537	0.505	0.476	25.5
45.1-47.0	51.5- 53.8	6.658	3.821	2.658	2.024	1.629	1.359	1.164	1.017	0.902	0.810	0.735	0.672	0.619	0.574	0.535	0.500	0.470	0.444	25.8
47.1-49.0	53.9- 56.2	6.195	3.568	2.487	1.896	1.526	1.273	1.091	0.953	0.845	0.759	0.688	0.630	0.580	0.538	0.501	0.469	0.440	0.415	26.2
49.1-51.0	56.3- 58.6	5.784	3.344	2.336	1.783	1.435	1.198	1.026	0.897	0.795	0.714	0.648	0.592	0.546	0.506	0.471	0.441	0.414	0.390	26.4
51.1-53.0	58.7- 61.0	5.416	3.145	2.201	1.682	1.355	1.132	0.969	0.847	0.751	0.674	0.612	0.559	0.515	0.477	0.445	0.416	0.391	0.368	26.7
53.1-55.0	61.1- 63.4	5.086	2.966	2.081	1.593	1.284	1.072	0.919	0.803	0.712	0.639	0.580	0.530	0.488	0.452	0.421	0.394	0.370	0.349	26.9
55.1-57.0	63.6- 65.9	4.789	2.805	1.973	1.512	1.220	1.019	0.873	0.763	0.677	0.608	0.551	0.504	0.464	0.430	0.400	0.374	0.352	0.332	27.1
57.1-59.0	66.0- 68.3	4.519	2.660	1.876	1.440	1.162	0.972	0.833	0.728	0.645	0.579	0.525	0.480	0.442	0.410	0.382	0.357	0.335	0.316	27.3
59.1-61.0	68.4- 70.8	4.273	2.528	1.788	1.374	1.111	0.929	0.796	0.696	0.617	0.554	0.502	0.459	0.423	0.392	0.365	0.341	0.321	0.302	27.5
61.1-63.0	70.9- 73.2	4.049	2.407	1.708	1.315	1.064	0.890	0.763	0.667	0.592	0.531	0.482	0.440	0.405	0.376	0.350	0.327	0.307	0.290	27.7
63.1-65.0	73.3- 75.7	3.844	2.297	1.635	1.261	1.021	0.855	0.733	0.641	0.569	0.510	0.463	0.423	0.390	0.361	0.336	0.314	0.295	0.278	27.8
65.1-67.0	75.8- 78.2	3.655	2.196	1.568	1.212	0.982	0.822	0.706	0.617	0.548	0.492	0.446	0.408	0.375	0.347	0.324	0.303	0.284	0.268	27.9
67.1-69.0	78.3- 80.7	3.481	2.103	1.507	1.166	0.946	0.793	0.681	0.596	0.528	0.474	0.430	0.393	0.362	0.335	0.312	0.292	0.274	0.258	28.0
69.1-71.0	80.8- 83.2	3.321	2.018	1.450	1.125	0.914	0.766	0.658	0.576	0.511	0.459	0.416	0.380	0.350	0.324	0.302	0.282	0.265	0.250	28.1
71.1-73.0	83.3- 85.7	3.172	1.938	1.398	1.087	0.884	0.742	0.637	0.558	0.495	0.445	0.403	0.369	0.339	0.314	0.293	0.274	0.257	0.242	28.2
73.1-75.0	85.8- 88.2	3.033	1.865	1.350	1.051	0.856	0.719	0.618	0.541	0.480	0.431	0.391	0.358	0.329	0.305	0.284	0.266	0.249	0.235	28.3
75.1-77.0	88.3- 90.7	2.904	1.796	1.305	1.019	0.831	0.698	0.601	0.526	0.467	0.419	0.380	0.348	0.320	0.297	0.276	0.258	0.242	0.228	28.4
77.1-79.0	90.8- 93.2	2.784	1.732	1.264	0.989	0.807	0.679	0.584	0.512	0.455	0.408	0.370	0.339	0.312	0.289	0.269	0.251	0.236	0.222	28.5
79.1-81.0	93.4- 95.8	2.672	1.673	1.225	0.960	0.785	0.661	0.569	0.499	0.443	0.398	0.361	0.330	0.304	0.282	0.262	0.245	0.230	0.217	28.5

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

SPECIES: HARDWOOD
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	14.5- 16.6	593.916	406.241	334.954	289.516	255.031	227.272	204.384	185.249	169.080	155.287	143.419	133.123	124.124	116.203	109.185	102.931	97.327	92.280	13.0
15.1-17.0	16.7- 18.9	108.559	63.549	45.422	35.504	29.209	24.842	21.629	19.163	17.208	15.618	14.301	13.190	12.241	11.420	10.703	10.071	9.511	9.009	14.5
17.1-19.0	19.0- 21.1	57.374	31.997	21.879	16.497	13.185	10.954	9.354	8.155	7.223	6.480	5.874	5.370	4.945	4.581	4.267	3.993	3.752	3.538	15.8
19.1-21.0	21.3- 23.4	39.181	21.726	14.816	11.168	8.932	7.429	6.352	5.545	4.918	4.417	4.007	3.667	3.380	3.134	2.921	2.735	2.572	2.426	17.0
21.1-23.0	23.5- 25.7	29.773	16.539	11.302	8.535	6.837	5.694	4.875	4.259	3.780	3.397	3.084	2.823	2.603	2.415	2.251	2.109	1.983	1.871	18.2
23.1-25.0	25.8- 28.0	23.942	13.335	9.129	6.903	5.536	4.613	3.951	3.454	3.066	2.756	2.503	2.292	2.113	1.960	1.828	1.712	1.610	1.520	19.2
25.1-27.0	28.1- 30.3	19.941	11.132	7.633	5.777	4.634	3.864	3.310	2.893	2.569	2.309	2.097	1.920	1.771	1.642	1.532	1.435	1.349	1.273	20.1
27.1-29.0	30.4- 32.6	17.016	9.519	6.534	4.948	3.971	3.311	2.836	2.479	2.201	1.979	1.797	1.645	1.517	1.407	1.312	1.229	1.156	1.091	21.0
29.1-31.0	32.7- 34.9	14.780	8.286	5.694	4.313	3.462	2.886	2.473	2.161	1.919	1.724	1.566	1.433	1.322	1.226	1.143	1.070	1.007	0.950	21.7
31.1-33.0	35.0- 37.2	13.018	7.313	5.030	3.812	3.060	2.551	2.185	1.910	1.695	1.523	1.383	1.266	1.167	1.082	1.009	0.945	0.889	0.839	22.4
33.1-35.0	37.4- 39.6	11.594	6.528	4.495	3.408	2.736	2.281	1.953	1.707	1.515	1.361	1.236	1.131	1.042	0.967	0.901	0.844	0.793	0.749	23.1
35.1-37.0	39.7- 41.9	10.421	5.882	4.055	3.076	2.469	2.059	1.763	1.540	1.367	1.228	1.114	1.020	0.940	0.872	0.812	0.761	0.715	0.675	23.7
37.1-39.0	42.0- 44.3	9.439	5.342	3.687	2.798	2.247	1.873	1.604	1.401	1.243	1.117	1.014	0.927	0.855	0.792	0.739	0.691	0.650	0.613	24.2
39.1-41.0	44.4- 46.6	8.607	4.885	3.377	2.564	2.059	1.717	1.470	1.284	1.139	1.023	0.928	0.849	0.783	0.726	0.676	0.633	0.595	0.561	24.7
41.1-43.0	46.8- 49.0	7.893	4.494	3.111	2.364	1.899	1.584	1.356	1.184	1.051	0.943	0.856	0.783	0.721	0.669	0.623	0.583	0.548	0.517	25.1
43.1-45.0	49.1- 51.4	7.275	4.155	2.882	2.192	1.762	1.469	1.258	1.098	0.974	0.875	0.794	0.726	0.669	0.620	0.578	0.541	0.508	0.479	25.5
45.1-47.0	51.5- 53.8	6.735	3.861	2.683	2.042	1.642	1.369	1.173	1.024	0.908	0.815	0.740	0.676	0.623	0.577	0.538	0.504	0.473	0.446	25.8
47.1-49.0	53.9- 56.2	6.259	3.602	2.508	1.911	1.538	1.283	1.098	0.959	0.851	0.764	0.693	0.633	0.583	0.541	0.504	0.471	0.443	0.417	26.2
49.1-51.0	56.3- 58.6	5.838	3.373	2.354	1.796	1.445	1.206	1.033	0.902	0.800	0.718	0.651	0.595	0.548	0.508	0.473	0.443	0.416	0.392	26.4
51.1-53.0	58.7- 61.0	5.463	3.170	2.218	1.694	1.364	1.138	0.975	0.852	0.755	0.678	0.615	0.562	0.518	0.480	0.447	0.418	0.393	0.370	26.7
53.1-55.0	61.1- 63.4	5.126	2.988	2.096	1.603	1.292	1.078	0.924	0.807	0.715	0.642	0.582	0.532	0.490	0.454	0.423	0.396	0.372	0.350	26.9
55.1-57.0	63.6- 65.9	4.823	2.824	1.986	1.521	1.227	1.025	0.878	0.767	0.680	0.610	0.553	0.506	0.466	0.432	0.402	0.376	0.353	0.333	27.1
57.1-59.0	66.0- 68.3	4.549	2.677	1.888	1.448	1.169	0.976	0.837	0.731	0.648	0.582	0.528	0.482	0.444	0.411	0.383	0.358	0.337	0.317	27.3
59.1-61.0	68.4- 70.8	4.300	2.543	1.798	1.382	1.116	0.933	0.800	0.699	0.620	0.556	0.504	0.461	0.424	0.393	0.366	0.342	0.322	0.303	27.5
61.1-63.0	70.9- 73.2	4.072	2.421	1.717	1.321	1.069	0.894	0.766	0.670	0.594	0.533	0.483	0.442	0.407	0.377	0.351	0.328	0.308	0.290	27.7
63.1-65.0	73.3- 75.7	3.864	2.309	1.643	1.267	1.025	0.858	0.736	0.643	0.571	0.512	0.464	0.425	0.391	0.362	0.337	0.315	0.296	0.279	27.8
65.1-67.0	75.8- 78.2	3.673	2.207	1.576	1.217	0.986	0.826	0.709	0.619	0.549	0.493	0.447	0.409	0.376	0.349	0.325	0.304	0.285	0.269	27.9
67.1-69.0	78.3- 80.7	3.497	2.113	1.514	1.171	0.950	0.796	0.683	0.598	0.530	0.476	0.432	0.395	0.363	0.336	0.313	0.293	0.275	0.259	28.0
69.1-71.0	80.8- 83.2	3.335	2.026	1.457	1.129	0.917	0.769	0.661	0.578	0.513	0.460	0.417	0.382	0.351	0.325	0.303	0.283	0.266	0.251	28.1
71.1-73.0	83.3- 85.7	3.184	1.946	1.404	1.091	0.887	0.744	0.640	0.560	0.497	0.446	0.404	0.370	0.340	0.315	0.293	0.274	0.258	0.243	28.2
73.1-75.0	85.8- 88.2	3.045	1.872	1.355	1.055	0.859	0.722	0.620	0.543	0.482	0.433	0.392	0.359	0.330	0.306	0.285	0.266	0.250	0.236	28.3
75.1-77.0	88.3- 90.7	2.915	1.803	1.310	1.022	0.834	0.701	0.603	0.527	0.468	0.421	0.381	0.349	0.321	0.297	0.277	0.259	0.243	0.229	28.4
77.1-79.0	90.8- 93.2	2.794	1.739	1.268	0.992	0.810	0.681	0.586	0.513	0.456	0.410	0.371	0.340	0.313	0.290	0.270	0.252	0.237	0.223	28.5
79.1-81.0	93.4- 95.8	2.680	1.678	1.229	0.964	0.788	0.663	0.571	0.500	0.444	0.399	0.362	0.331	0.305	0.282	0.263	0.246	0.231	0.217	28.5

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: HARDWOOD
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	16.7- 18.9	347.452	244.691	207.141	183.848	165.899	150.945	138.141	127.057	117.401	108.947	101.509	94.932	89.090	83.875	79.198	74.985	71.175	67.715	14.5
17.1-19.0	19.0- 21.1	90.521	54.107	39.433	31.340	26.151	22.513	19.808	17.709	16.029	14.651	13.499	12.520	11.677	10.944	10.299	9.727	9.216	8.758	15.8
19.1-21.0	21.3- 23.4	50.279	28.378	19.566	14.825	11.880	9.882	8.444	7.361	6.519	5.846	5.296	4.840	4.454	4.125	3.840	3.592	3.373	3.179	17.0
21.1-23.0	23.5- 25.7	34.848	19.393	13.230	9.959	7.950	6.599	5.632	4.908	4.346	3.898	3.532	3.229	2.973	2.754	2.566	2.401	2.256	2.127	18.2
23.1-25.0	25.8- 28.0	26.693	14.827	10.112	7.616	6.086	5.057	4.321	3.769	3.340	2.998	2.719	2.487	2.291	2.124	1.979	1.853	1.741	1.642	19.2
25.1-27.0	28.1- 30.3	21.602	12.015	8.206	6.189	4.951	4.118	3.521	3.073	2.725	2.447	2.220	2.031	1.871	1.735	1.617	1.514	1.423	1.343	20.1
27.1-29.0	30.4- 32.6	18.095	10.087	6.900	5.210	4.171	3.471	2.969	2.592	2.299	2.065	1.873	1.714	1.580	1.465	1.365	1.278	1.202	1.134	21.0
29.1-31.0	32.7- 34.9	15.522	8.673	5.942	4.490	3.597	2.994	2.562	2.237	1.984	1.782	1.617	1.480	1.364	1.264	1.179	1.103	1.037	0.979	21.7
31.1-33.0	35.0- 37.2	13.548	7.590	5.207	3.938	3.156	2.628	2.248	1.963	1.741	1.564	1.419	1.299	1.197	1.110	1.034	0.968	0.910	0.859	22.4
33.1-35.0	37.4- 39.6	11.986	6.733	4.626	3.501	2.806	2.337	2.000	1.746	1.549	1.391	1.262	1.155	1.064	0.987	0.919	0.861	0.809	0.763	23.1
35.1-37.0	39.7- 41.9	10.719	6.038	4.154	3.146	2.523	2.101	1.798	1.570	1.392	1.251	1.134	1.038	0.956	0.887	0.826	0.773	0.727	0.686	23.7
37.1-39.0	42.0- 44.3	9.671	5.464	3.765	2.854	2.289	1.907	1.632	1.424	1.263	1.134	1.029	0.941	0.867	0.804	0.749	0.701	0.659	0.622	24.2
39.1-41.0	44.4- 46.6	8.790	4.982	3.439	2.608	2.093	1.744	1.492	1.303	1.155	1.037	0.941	0.861	0.793	0.735	0.685	0.641	0.602	0.568	24.7
41.1-43.0	46.8- 49.0	8.040	4.572	3.162	2.400	1.927	1.605	1.374	1.199	1.063	0.955	0.866	0.792	0.730	0.676	0.630	0.590	0.554	0.522	25.1
43.1-45.0	49.1- 51.4	7.395	4.220	2.924	2.222	1.784	1.487	1.272	1.111	0.985	0.884	0.802	0.733	0.675	0.626	0.583	0.546	0.513	0.484	25.5
45.1-47.0	51.5- 53.8	6.834	3.915	2.718	2.067	1.661	1.384	1.185	1.034	0.917	0.823	0.747	0.683	0.629	0.583	0.543	0.508	0.477	0.450	25.8
47.1-49.0	53.9- 56.2	6.342	3.648	2.538	1.933	1.554	1.295	1.109	0.968	0.858	0.770	0.698	0.639	0.588	0.545	0.508	0.475	0.446	0.421	26.2
49.1-51.0	56.3- 58.6	5.908	3.412	2.380	1.814	1.459	1.217	1.042	0.910	0.806	0.724	0.656	0.600	0.552	0.512	0.477	0.446	0.419	0.395	26.4
51.1-53.0	58.7- 61.0	5.522	3.203	2.240	1.710	1.376	1.148	0.983	0.858	0.761	0.683	0.619	0.566	0.521	0.483	0.450	0.421	0.395	0.372	26.7
53.1-55.0	61.1- 63.4	5.177	3.017	2.115	1.617	1.302	1.087	0.931	0.812	0.720	0.646	0.586	0.536	0.493	0.457	0.426	0.398	0.374	0.352	26.9
55.1-57.0	63.6- 65.9	4.866	2.850	2.003	1.533	1.236	1.032	0.884	0.772	0.684	0.614	0.557	0.509	0.469	0.434	0.404	0.378	0.355	0.335	27.1
57.1-59.0	66.0- 68.3	4.586	2.699	1.902	1.459	1.177	0.983	0.842	0.735	0.652	0.585	0.531	0.485	0.446	0.414	0.385	0.360	0.338	0.319	27.3
59.1-61.0	68.4- 70.8	4.332	2.562	1.812	1.391	1.123	0.939	0.805	0.703	0.623	0.559	0.507	0.463	0.427	0.395	0.368	0.344	0.323	0.305	27.5
61.1-63.0	70.9- 73.2	4.101	2.438	1.729	1.330	1.075	0.899	0.771	0.673	0.597	0.536	0.486	0.444	0.409	0.379	0.352	0.330	0.310	0.292	27.7
63.1-65.0	73.3- 75.7	3.890	2.325	1.654	1.275	1.031	0.863	0.740	0.647	0.574	0.515	0.467	0.427	0.393	0.364	0.338	0.317	0.297	0.280	27.8
65.1-67.0	75.8- 78.2	3.696	2.221	1.586	1.224	0.992	0.830	0.712	0.622	0.552	0.496	0.449	0.411	0.378	0.350	0.326	0.305	0.286	0.270	27.9
67.1-69.0	78.3- 80.7	3.517	2.126	1.523	1.178	0.955	0.800	0.687	0.600	0.533	0.478	0.433	0.396	0.365	0.338	0.314	0.294	0.276	0.260	28.0
69.1-71.0	80.8- 83.2	3.353	2.038	1.465	1.136	0.922	0.773	0.664	0.580	0.515	0.462	0.419	0.383	0.353	0.327	0.304	0.284	0.267	0.251	28.1
71.1-73.0	83.3- 85.7	3.200	1.957	1.412	1.097	0.891	0.748	0.642	0.562	0.499	0.448	0.406	0.371	0.342	0.316	0.294	0.275	0.258	0.244	28.2
73.1-75.0	85.8- 88.2	3.059	1.881	1.362	1.061	0.863	0.725	0.623	0.545	0.484	0.434	0.394	0.360	0.331	0.307	0.286	0.267	0.251	0.236	28.3
75.1-77.0	88.3- 90.7	2.927	1.811	1.317	1.027	0.837	0.704	0.605	0.530	0.470	0.422	0.383	0.350	0.322	0.298	0.278	0.260	0.244	0.230	28.4
77.1-79.0	90.8- 93.2	2.805	1.746	1.274	0.997	0.813	0.684	0.589	0.515	0.458	0.411	0.373	0.341	0.314	0.290	0.270	0.253	0.237	0.224	28.5
79.1-81.0	93.4- 95.8	2.691	1.686	1.235	0.968	0.791	0.666	0.573	0.502	0.446	0.401	0.363	0.332	0.306	0.283	0.264	0.247	0.231	0.218	28.5

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

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

SPECIES: HARDWOOD
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	5.6- 7.6	801.536	448.656	310.579	237.166	191.680	160.761	138.390	121.460	108.205	97.547	88.793	81.475	75.268	69.937	65.308	61.253	57.670	54.482	8.9
7.1- 9.0	7.8- 9.8	173.650	105.193	75.324	58.624	47.967	40.579	35.157	31.010	27.736	25.086	22.897	21.058	19.493	18.143	16.968	15.935	15.021	14.206	11.1
9.1-11.0	10.0- 12.1	100.676	61.369	44.073	34.361	28.147	23.831	20.660	18.232	16.313	14.759	13.474	12.395	11.476	10.683	9.992	9.385	8.848	8.368	13.1
11.1-13.0	12.2- 14.3	68.437	41.693	29.936	23.337	19.115	16.183	14.030	12.380	11.077	10.022	9.150	8.417	7.792	7.254	6.785	6.373	6.008	5.682	14.9
13.1-15.0	14.4- 16.5	50.269	30.552	21.913	17.073	13.979	11.832	10.255	9.048	8.095	7.323	6.685	6.149	5.693	5.299	4.956	4.655	4.388	4.150	16.4
15.1-17.0	16.7- 18.8	38.785	23.503	16.835	13.106	10.726	9.075	7.864	6.937	6.205	5.613	5.123	4.712	4.362	4.060	3.797	3.566	3.362	3.179	17.7
17.1-19.0	18.9- 21.1	30.990	18.720	13.389	10.415	8.519	7.205	6.242	5.505	4.923	4.452	4.064	3.737	3.459	3.220	3.011	2.828	2.665	2.521	18.9
19.1-21.0	21.2- 23.4	25.427	15.310	10.934	8.498	6.947	5.873	5.086	4.485	4.010	3.626	3.309	3.043	2.816	2.621	2.451	2.302	2.170	2.052	19.9
21.1-23.0	23.5- 25.7	21.302	12.785	9.117	7.080	5.784	4.889	4.232	3.731	3.336	3.016	2.752	2.530	2.342	2.179	2.037	1.913	1.803	1.705	20.7
23.1-25.0	25.8- 28.0	18.151	10.860	7.733	6.000	4.899	4.139	3.582	3.157	2.822	2.551	2.328	2.140	1.980	1.843	1.723	1.618	1.524	1.442	21.5
25.1-27.0	28.1- 30.4	15.684	9.356	6.653	5.157	4.209	3.554	3.075	2.710	2.422	2.189	1.997	1.836	1.698	1.580	1.477	1.387	1.307	1.236	22.1
27.1-29.0	30.5- 32.7	13.714	8.157	5.792	4.486	3.659	3.089	2.672	2.354	2.103	1.901	1.734	1.594	1.474	1.372	1.282	1.204	1.135	1.073	22.7
29.1-31.0	32.8- 35.1	12.113	7.184	5.094	3.943	3.214	2.712	2.346	2.066	1.846	1.668	1.521	1.398	1.293	1.203	1.125	1.056	0.995	0.941	23.1
31.1-33.0	35.2- 37.5	10.792	6.384	4.521	3.496	2.849	2.403	2.078	1.829	1.634	1.476	1.346	1.237	1.144	1.065	0.995	0.934	0.880	0.832	23.5
33.1-35.0	37.6- 39.9	9.689	5.716	4.043	3.125	2.545	2.146	1.855	1.633	1.458	1.317	1.201	1.104	1.021	0.949	0.887	0.833	0.785	0.742	23.9
35.1-37.0	40.0- 42.3	8.757	5.154	3.641	2.812	2.289	1.929	1.667	1.467	1.310	1.183	1.079	0.991	0.917	0.853	0.797	0.748	0.705	0.666	24.2
37.1-39.0	42.4- 44.7	7.962	4.675	3.299	2.546	2.071	1.745	1.508	1.327	1.185	1.070	0.975	0.896	0.829	0.771	0.720	0.676	0.637	0.602	24.4
39.1-41.0	44.8- 47.1	7.277	4.263	3.005	2.318	1.885	1.588	1.371	1.206	1.077	0.972	0.886	0.814	0.753	0.700	0.654	0.614	0.578	0.547	24.7
41.1-43.0	47.3- 49.6	6.683	3.907	2.751	2.120	1.724	1.452	1.253	1.102	0.984	0.888	0.810	0.744	0.688	0.639	0.597	0.561	0.528	0.499	24.8
43.1-45.0	49.7- 52.1	6.164	3.596	2.530	1.949	1.583	1.333	1.151	1.012	0.903	0.815	0.743	0.682	0.631	0.586	0.548	0.514	0.484	0.458	25.0
45.1-47.0	52.2- 54.6	5.707	3.323	2.336	1.798	1.460	1.229	1.061	0.933	0.832	0.751	0.684	0.628	0.581	0.540	0.505	0.474	0.446	0.422	25.1
47.1-49.0	54.7- 57.1	5.303	3.082	2.165	1.665	1.352	1.138	0.981	0.863	0.770	0.695	0.633	0.581	0.537	0.499	0.467	0.438	0.412	0.390	25.3
49.1-51.0	57.2- 59.6	4.943	2.869	2.013	1.548	1.256	1.056	0.911	0.801	0.714	0.645	0.587	0.539	0.498	0.463	0.433	0.406	0.383	0.362	25.4
51.1-53.0	59.7- 62.1	4.622	2.678	1.877	1.443	1.170	0.984	0.849	0.746	0.665	0.600	0.547	0.502	0.464	0.431	0.403	0.378	0.356	0.336	25.4
53.1-55.0	62.2- 64.7	4.333	2.507	1.756	1.349	1.094	0.920	0.793	0.697	0.621	0.560	0.510	0.469	0.433	0.403	0.376	0.353	0.332	0.314	25.5
55.1-57.0	64.8- 67.2	4.073	2.353	1.647	1.264	1.025	0.862	0.743	0.652	0.582	0.525	0.478	0.439	0.405	0.377	0.352	0.330	0.311	0.294	25.6
57.1-59.0	67.3- 69.8	3.837	2.213	1.548	1.188	0.963	0.809	0.697	0.613	0.546	0.493	0.449	0.412	0.380	0.354	0.330	0.310	0.292	0.276	25.6
59.1-61.0	69.9- 72.4	3.622	2.087	1.459	1.119	0.907	0.762	0.656	0.577	0.514	0.463	0.422	0.387	0.358	0.333	0.311	0.291	0.274	0.259	25.7
61.1-63.0	72.5- 75.0	3.426	1.972	1.378	1.057	0.856	0.719	0.619	0.544	0.485	0.437	0.398	0.365	0.337	0.314	0.293	0.275	0.259	0.244	25.7
63.1-65.0	75.1- 77.6	3.247	1.867	1.304	0.999	0.809	0.679	0.585	0.514	0.458	0.413	0.376	0.345	0.319	0.296	0.277	0.259	0.244	0.231	25.8
65.1-67.0	77.8- 80.3	3.083	1.771	1.236	0.947	0.767	0.644	0.554	0.487	0.434	0.391	0.356	0.327	0.302	0.280	0.262	0.245	0.231	0.218	25.8
67.1-69.0	80.4- 82.9	2.932	1.683	1.174	0.899	0.728	0.611	0.526	0.462	0.411	0.371	0.337	0.310	0.286	0.266	0.248	0.233	0.219	0.207	25.8
69.1-71.0	83.0- 85.6	2.792	1.601	1.117	0.855	0.692	0.581	0.500	0.439	0.391	0.352	0.321	0.294	0.272	0.252	0.236	0.221	0.208	0.197	25.8
71.1-73.0	85.7- 88.3	2.663	1.526	1.064	0.814	0.659	0.553	0.476	0.417	0.372	0.335	0.305	0.280	0.258	0.240	0.224	0.210	0.198	0.187	25.9
73.1-75.0	88.4- 91.0	2.544	1.457	1.015	0.777	0.628	0.527	0.454	0.398	0.354	0.319	0.291	0.267	0.246	0.229	0.214	0.200	0.189	0.178	25.9
75.1-77.0	91.1- 93.7	2.432	1.392	0.970	0.742	0.600	0.503	0.433	0.380	0.338	0.305	0.277	0.254	0.235	0.218	0.204	0.191	0.180	0.170	25.9
77.1-79.0	93.8- 96.4	2.329	1.332	0.928	0.710	0.574	0.481	0.414	0.363	0.323	0.291	0.265	0.243	0.225	0.209	0.195	0.183	0.172	0.162	25.9
79.1-81.0	96.5- 99.1	2.232	1.276	0.889	0.680	0.549	0.461	0.396	0.348	0.309	0.279	0.254	0.233	0.215	0.200	0.186	0.175	0.164	0.155	25.9

Table 72. Trees/m³ of merchantable volume at 0.30 m stump height and 7.0 cm top dib

SPECIES: HARDWOOD
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	7.8- 9.8	947.745	479.826	320.472	240.233	191.957	159.744	136.734	119.484	106.077	95.359	86.598	79.304	73.137	67.856	63.283	59.285	55.759	52.628	11.1
9.1-11.0	10.0- 12.1	134.448	79.603	56.406	43.636	35.564	30.003	25.941	22.845	20.408	18.439	16.816	15.454	14.296	13.300	12.432	11.671	10.998	10.397	13.1
11.1-13.0	12.2- 14.3	77.221	46.435	33.142	25.748	21.043	17.788	15.403	13.580	12.142	10.979	10.019	9.213	8.526	7.935	7.420	6.968	6.567	6.211	14.9
13.1-15.0	14.4- 16.5	53.759	32.424	23.175	18.020	14.735	12.461	10.793	9.518	8.512	7.698	7.025	6.461	5.980	5.565	5.205	4.888	4.607	4.357	16.4
15.1-17.0	16.7- 18.8	40.481	24.404	17.439	13.558	11.086	9.375	8.120	7.160	6.403	5.791	5.285	4.860	4.498	4.186	3.915	3.677	3.466	3.277	17.7
17.1-19.0	18.9- 21.1	31.922	19.210	13.716	10.659	8.713	7.366	6.379	5.625	5.029	4.548	4.150	3.816	3.532	3.287	3.074	2.887	2.721	2.573	18.9
19.1-21.0	21.2- 23.4	25.985	15.600	11.126	8.641	7.060	5.967	5.167	4.555	4.072	3.682	3.360	3.089	2.859	2.661	2.488	2.336	2.202	2.082	19.9
21.1-23.0	23.5- 25.7	21.658	12.969	9.238	7.169	5.855	4.947	4.282	3.775	3.374	3.050	2.783	2.559	2.368	2.203	2.060	1.935	1.823	1.724	20.7
23.1-25.0	25.8- 28.0	18.390	10.982	7.813	6.059	4.946	4.177	3.615	3.186	2.847	2.574	2.348	2.159	1.997	1.858	1.738	1.632	1.538	1.454	21.5
25.1-27.0	28.1- 30.4	15.851	9.440	6.707	5.198	4.241	3.580	3.098	2.729	2.439	2.204	2.011	1.848	1.710	1.591	1.488	1.397	1.316	1.244	22.1
27.1-29.0	30.5- 32.7	13.834	8.217	5.831	4.515	3.682	3.107	2.688	2.368	2.115	1.912	1.744	1.603	1.483	1.379	1.289	1.211	1.141	1.079	22.7
29.1-31.0	32.8- 35.1	12.202	7.228	5.123	3.964	3.231	2.726	2.357	2.076	1.854	1.675	1.528	1.404	1.299	1.209	1.130	1.061	0.999	0.945	23.1
31.1-33.0	35.2- 37.5	10.860	6.417	4.542	3.512	2.861	2.413	2.086	1.837	1.641	1.482	1.351	1.242	1.149	1.069	0.999	0.938	0.884	0.835	23.5
33.1-35.0	37.6- 39.9	9.741	5.742	4.060	3.137	2.554	2.153	1.861	1.638	1.463	1.322	1.205	1.107	1.024	0.953	0.890	0.836	0.787	0.744	23.9
35.1-37.0	40.0- 42.3	8.798	5.174	3.654	2.821	2.296	1.935	1.672	1.472	1.314	1.187	1.082	0.994	0.919	0.855	0.799	0.750	0.707	0.668	24.2
37.1-39.0	42.4- 44.7	7.995	4.691	3.309	2.553	2.077	1.750	1.512	1.330	1.188	1.072	0.978	0.898	0.831	0.772	0.722	0.677	0.638	0.603	24.4
39.1-41.0	44.8- 47.1	7.304	4.276	3.013	2.323	1.889	1.591	1.374	1.209	1.079	0.974	0.888	0.816	0.754	0.702	0.656	0.615	0.580	0.548	24.7
41.1-43.0	47.3- 49.6	6.705	3.917	2.758	2.125	1.727	1.454	1.256	1.105	0.986	0.890	0.811	0.745	0.689	0.641	0.599	0.562	0.529	0.500	24.8
43.1-45.0	49.7- 52.1	6.182	3.605	2.535	1.952	1.586	1.335	1.153	1.014	0.905	0.817	0.744	0.683	0.632	0.587	0.549	0.515	0.485	0.459	25.0
45.1-47.0	52.2- 54.6	5.723	3.331	2.340	1.801	1.463	1.231	1.062	0.934	0.833	0.752	0.685	0.629	0.582	0.541	0.505	0.474	0.447	0.422	25.1
47.1-49.0	54.7- 57.1	5.316	3.089	2.168	1.668	1.354	1.139	0.983	0.864	0.771	0.696	0.634	0.582	0.538	0.500	0.467	0.438	0.413	0.390	25.3
49.1-51.0	57.2- 59.6	4.955	2.874	2.016	1.550	1.258	1.058	0.912	0.802	0.715	0.645	0.588	0.540	0.499	0.464	0.433	0.407	0.383	0.362	25.4
51.1-53.0	59.7- 62.1	4.632	2.682	1.880	1.445	1.172	0.985	0.850	0.747	0.666	0.601	0.547	0.503	0.464	0.432	0.403	0.378	0.356	0.337	25.4
53.1-55.0	62.2- 64.7	4.342	2.510	1.758	1.350	1.095	0.921	0.794	0.697	0.622	0.561	0.511	0.469	0.434	0.403	0.376	0.353	0.333	0.314	25.5
55.1-57.0	64.8- 67.2	4.080	2.356	1.649	1.266	1.026	0.862	0.743	0.653	0.582	0.525	0.478	0.439	0.406	0.377	0.352	0.330	0.311	0.294	25.6
57.1-59.0	67.3- 69.8	3.843	2.216	1.550	1.190	0.964	0.810	0.698	0.613	0.547	0.493	0.449	0.412	0.381	0.354	0.331	0.310	0.292	0.276	25.6
59.1-61.0	69.9- 72.4	3.628	2.090	1.461	1.120	0.908	0.762	0.657	0.577	0.514	0.464	0.422	0.388	0.358	0.333	0.311	0.292	0.275	0.259	25.7
61.1-63.0	72.5- 75.0	3.431	1.974	1.379	1.058	0.857	0.719	0.620	0.544	0.485	0.437	0.398	0.365	0.338	0.314	0.293	0.275	0.259	0.244	25.7
63.1-65.0	75.1- 77.6	3.252	1.869	1.305	1.000	0.810	0.680	0.586	0.514	0.458	0.413	0.376	0.345	0.319	0.296	0.277	0.260	0.244	0.231	25.8
65.1-67.0	77.8- 80.3	3.087	1.773	1.237	0.948	0.767	0.644	0.555	0.487	0.434	0.391	0.356	0.327	0.302	0.280	0.262	0.246	0.231	0.218	25.8
67.1-69.0	80.4- 82.9	2.935	1.684	1.175	0.900	0.728	0.611	0.526	0.462	0.412	0.371	0.338	0.310	0.286	0.266	0.248	0.233	0.219	0.207	25.8
69.1-71.0	83.0- 85.6	2.796	1.603	1.117	0.856	0.692	0.581	0.500	0.439	0.391	0.352	0.321	0.294	0.272	0.253	0.236	0.221	0.208	0.197	25.8
71.1-73.0	85.7- 88.3	2.666	1.527	1.065	0.815	0.659	0.553	0.476	0.418	0.372	0.335	0.305	0.280	0.259	0.240	0.224	0.210	0.198	0.187	25.9
73.1-75.0	88.4- 91.0	2.546	1.458	1.016	0.777	0.629	0.527	0.454	0.398	0.355	0.320	0.291	0.267	0.246	0.229	0.214	0.200	0.189	0.178	25.9
75.1-77.0	91.1- 93.7	2.435	1.393	0.970	0.742	0.600	0.503	0.433	0.380	0.338	0.305	0.278	0.255	0.235	0.218	0.204	0.191	0.180	0.170	25.9
77.1-79.0	93.8- 96.4	2.331	1.333	0.928	0.710	0.574	0.481	0.414	0.363	0.323	0.291	0.265	0.243	0.225	0.209	0.195	0.183	0.172	0.162	25.9
79.1-81.0	96.5- 99.1	2.234	1.277	0.889	0.680	0.550	0.461	0.396	0.348	0.310	0.279	0.254	0.233	0.215	0.200	0.186	0.175	0.164	0.155	25.9

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

SPECIES: HARDWOOD
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- 14.3	228.113	127.574	88.511	67.734	54.839	46.057	39.693	34.869	31.087	28.043	25.541	23.447	21.669	20.142	18.815	17.651	16.623	15.707	14.9
13.1-15.0	14.4- 16.5	76.976	44.743	31.431	24.192	19.651	16.540	14.275	12.555	11.203	10.113	9.216	8.465	7.826	7.277	6.800	6.381	6.011	5.682	16.4
15.1-17.0	16.7- 18.8	48.579	28.675	20.293	15.688	12.780	10.779	9.318	8.205	7.329	6.621	6.038	5.549	5.133	4.775	4.464	4.190	3.948	3.733	17.7
17.1-19.0	18.9- 21.1	35.713	21.197	15.040	11.645	9.496	8.015	6.933	6.107	5.457	4.931	4.498	4.134	3.825	3.559	3.327	3.124	2.944	2.783	18.9
19.1-21.0	21.2- 23.4	28.051	16.675	11.840	9.171	7.481	6.315	5.463	4.813	4.301	3.887	3.546	3.259	3.016	2.806	2.623	2.463	2.321	2.194	19.9
21.1-23.0	23.5- 25.7	22.898	13.608	9.661	7.483	6.103	5.152	4.457	3.927	3.509	3.171	2.892	2.659	2.460	2.289	2.140	2.009	1.893	1.790	20.7
23.1-25.0	25.8- 28.0	19.186	11.389	8.081	6.257	5.102	4.307	3.725	3.281	2.932	2.649	2.417	2.221	2.055	1.912	1.787	1.678	1.581	1.495	21.5
25.1-27.0	28.1- 30.4	16.389	9.713	6.886	5.329	4.345	3.666	3.170	2.792	2.495	2.254	2.056	1.890	1.748	1.626	1.520	1.427	1.345	1.272	22.1
27.1-29.0	30.5- 32.7	14.213	8.407	5.955	4.606	3.754	3.167	2.738	2.411	2.154	1.946	1.775	1.631	1.509	1.404	1.312	1.232	1.161	1.097	22.7
29.1-31.0	32.8- 35.1	12.477	7.365	5.212	4.029	3.282	2.768	2.393	2.107	1.882	1.700	1.550	1.425	1.318	1.226	1.146	1.076	1.013	0.958	23.1
31.1-33.0	35.2- 37.5	11.065	6.518	4.608	3.560	2.899	2.444	2.112	1.859	1.661	1.500	1.368	1.257	1.162	1.081	1.011	0.949	0.894	0.845	23.5
33.1-35.0	37.6- 39.9	9.899	5.819	4.109	3.173	2.582	2.177	1.881	1.655	1.478	1.335	1.217	1.118	1.034	0.962	0.899	0.844	0.795	0.752	23.9
35.1-37.0	40.0- 42.3	8.921	5.233	3.692	2.849	2.318	1.953	1.687	1.485	1.325	1.197	1.091	1.002	0.927	0.862	0.806	0.756	0.713	0.674	24.2
37.1-39.0	42.4- 44.7	8.092	4.737	3.339	2.575	2.094	1.764	1.523	1.340	1.196	1.080	0.985	0.905	0.836	0.778	0.727	0.682	0.643	0.608	24.4
39.1-41.0	44.8- 47.1	7.382	4.313	3.037	2.341	1.903	1.602	1.383	1.217	1.086	0.981	0.894	0.821	0.759	0.706	0.660	0.619	0.583	0.551	24.7
41.1-43.0	47.3- 49.6	6.769	3.948	2.777	2.139	1.738	1.463	1.263	1.111	0.991	0.895	0.816	0.749	0.693	0.644	0.602	0.565	0.532	0.503	24.8
43.1-45.0	49.7- 52.1	6.235	3.630	2.551	1.964	1.595	1.342	1.159	1.019	0.909	0.821	0.748	0.687	0.635	0.590	0.552	0.518	0.487	0.461	25.0
45.1-47.0	52.2- 54.6	5.767	3.351	2.353	1.811	1.470	1.237	1.067	0.938	0.837	0.756	0.688	0.632	0.584	0.543	0.508	0.476	0.449	0.424	25.1
47.1-49.0	54.7- 57.1	5.353	3.106	2.179	1.676	1.360	1.144	0.987	0.868	0.774	0.698	0.636	0.584	0.540	0.502	0.469	0.440	0.414	0.392	25.3
49.1-51.0	57.2- 59.6	4.986	2.888	2.025	1.556	1.263	1.062	0.916	0.805	0.718	0.648	0.590	0.542	0.501	0.466	0.435	0.408	0.384	0.363	25.4
51.1-53.0	59.7- 62.1	4.658	2.695	1.888	1.450	1.176	0.989	0.853	0.749	0.668	0.603	0.549	0.504	0.466	0.433	0.405	0.380	0.357	0.338	25.4
53.1-55.0	62.2- 64.7	4.365	2.521	1.765	1.355	1.099	0.923	0.796	0.700	0.624	0.563	0.512	0.470	0.435	0.404	0.377	0.354	0.333	0.315	25.5
55.1-57.0	64.8- 67.2	4.100	2.365	1.655	1.270	1.029	0.865	0.745	0.655	0.584	0.527	0.480	0.440	0.407	0.378	0.353	0.331	0.312	0.295	25.6
57.1-59.0	67.3- 69.8	3.861	2.224	1.555	1.193	0.967	0.812	0.700	0.615	0.548	0.494	0.450	0.413	0.382	0.355	0.331	0.311	0.293	0.276	25.6
59.1-61.0	69.9- 72.4	3.643	2.097	1.465	1.123	0.910	0.764	0.659	0.578	0.515	0.465	0.423	0.388	0.359	0.334	0.312	0.292	0.275	0.260	25.7
61.1-63.0	72.5- 75.0	3.445	1.980	1.383	1.060	0.859	0.721	0.621	0.545	0.486	0.438	0.399	0.366	0.338	0.314	0.294	0.275	0.259	0.245	25.7
63.1-65.0	75.1- 77.6	3.264	1.874	1.308	1.003	0.812	0.681	0.587	0.515	0.459	0.414	0.377	0.346	0.320	0.297	0.277	0.260	0.245	0.231	25.8
65.1-67.0	77.8- 80.3	3.098	1.777	1.240	0.950	0.769	0.645	0.556	0.488	0.435	0.392	0.357	0.327	0.302	0.281	0.262	0.246	0.232	0.219	25.8
67.1-69.0	80.4- 82.9	2.945	1.688	1.177	0.902	0.730	0.612	0.527	0.463	0.412	0.372	0.338	0.310	0.287	0.266	0.249	0.233	0.220	0.207	25.8
69.1-71.0	83.0- 85.6	2.804	1.606	1.120	0.857	0.694	0.582	0.501	0.440	0.392	0.353	0.321	0.295	0.272	0.253	0.236	0.221	0.208	0.197	25.8
71.1-73.0	85.7- 88.3	2.674	1.531	1.067	0.816	0.660	0.554	0.477	0.418	0.373	0.336	0.306	0.280	0.259	0.241	0.225	0.211	0.198	0.187	25.9
73.1-75.0	88.4- 91.0	2.553	1.461	1.018	0.779	0.630	0.528	0.454	0.399	0.355	0.320	0.291	0.267	0.247	0.229	0.214	0.201	0.189	0.178	25.9
75.1-77.0	91.1- 93.7	2.441	1.396	0.972	0.744	0.601	0.504	0.434	0.381	0.339	0.305	0.278	0.255	0.235	0.219	0.204	0.191	0.180	0.170	25.9
77.1-79.0	93.8- 96.4	2.337	1.336	0.930	0.711	0.575	0.482	0.415	0.364	0.324	0.292	0.266	0.244	0.225	0.209	0.195	0.183	0.172	0.163	25.9
79.1-81.0	96.5- 99.1	2.239	1.279	0.890	0.681	0.550	0.461	0.397	0.348	0.310	0.279	0.254	0.233	0.215	0.200	0.187	0.175	0.165	0.155	25.9

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

SPECIES: HARDWOOD
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- 14.3	1607.887	537.997	321.766	228.857	177.257	144.472	121.823	105.253	92.613	82.658	74.617	67.990	62.434	57.711	53.647	50.113	47.013	44.272	14.9
13.1-15.0	14.4- 16.5	111.022	63.192	44.002	33.698	27.281	22.907	19.735	17.331	15.447	13.931	12.685	11.643	10.758	9.998	9.338	8.760	8.249	7.794	16.4
15.1-17.0	16.7- 18.8	55.857	32.509	22.850	17.594	14.295	12.034	10.388	9.137	8.154	7.362	6.709	6.163	5.698	5.299	4.951	4.647	4.377	4.137	17.7
17.1-19.0	18.9- 21.1	38.462	22.633	15.994	12.354	10.059	8.481	7.330	6.453	5.763	5.206	4.747	4.362	4.034	3.753	3.508	3.293	3.102	2.933	18.9
19.1-21.0	21.2- 23.4	29.387	17.369	12.299	9.512	7.751	6.539	5.654	4.979	4.448	4.019	3.665	3.368	3.116	2.899	2.710	2.544	2.397	2.266	19.9
21.1-23.0	23.5- 25.7	23.646	13.994	9.916	7.671	6.253	5.276	4.562	4.018	3.589	3.243	2.958	2.719	2.515	2.340	2.187	2.053	1.935	1.829	20.7
23.1-25.0	25.8- 28.0	19.645	11.624	8.235	6.371	5.193	4.381	3.788	3.336	2.980	2.693	2.456	2.257	2.088	1.943	1.816	1.705	1.607	1.519	21.5
25.1-27.0	28.1- 30.4	16.689	9.865	6.986	5.403	4.403	3.714	3.211	2.828	2.526	2.282	2.081	1.913	1.769	1.646	1.539	1.445	1.361	1.287	22.1
27.1-29.0	30.5- 32.7	14.419	8.511	6.023	4.656	3.793	3.199	2.765	2.435	2.175	1.965	1.792	1.647	1.523	1.417	1.324	1.243	1.171	1.107	22.7
29.1-31.0	32.8- 35.1	12.624	7.439	5.260	4.064	3.310	2.791	2.412	2.123	1.896	1.713	1.562	1.435	1.328	1.235	1.154	1.084	1.021	0.965	23.1
31.1-33.0	35.2- 37.5	11.173	6.572	4.643	3.585	2.919	2.460	2.126	1.871	1.671	1.509	1.376	1.265	1.170	1.088	1.017	0.954	0.899	0.850	23.5
33.1-35.0	37.6- 39.9	9.980	5.859	4.135	3.191	2.597	2.189	1.891	1.664	1.486	1.342	1.223	1.124	1.040	0.967	0.904	0.848	0.799	0.755	23.9
35.1-37.0	40.0- 42.3	8.984	5.264	3.712	2.863	2.329	1.962	1.695	1.491	1.331	1.202	1.096	1.007	0.931	0.866	0.809	0.760	0.716	0.676	24.2
37.1-39.0	42.4- 44.7	8.141	4.761	3.354	2.586	2.103	1.771	1.529	1.345	1.201	1.084	0.988	0.908	0.840	0.781	0.730	0.685	0.645	0.610	24.4
39.1-41.0	44.8- 47.1	7.422	4.332	3.049	2.349	1.910	1.608	1.388	1.221	1.090	0.984	0.897	0.824	0.762	0.708	0.662	0.621	0.585	0.553	24.7
41.1-43.0	47.3- 49.6	6.801	3.963	2.787	2.146	1.744	1.468	1.267	1.114	0.994	0.897	0.818	0.751	0.695	0.646	0.603	0.566	0.533	0.504	24.8
43.1-45.0	49.7- 52.1	6.261	3.642	2.559	1.969	1.600	1.346	1.162	1.021	0.911	0.823	0.750	0.688	0.636	0.592	0.553	0.519	0.489	0.462	25.0
45.1-47.0	52.2- 54.6	5.788	3.361	2.360	1.815	1.474	1.240	1.070	0.940	0.839	0.757	0.690	0.634	0.586	0.544	0.509	0.477	0.450	0.425	25.1
47.1-49.0	54.7- 57.1	5.371	3.114	2.184	1.680	1.363	1.146	0.989	0.869	0.775	0.700	0.637	0.585	0.541	0.503	0.470	0.441	0.415	0.392	25.3
49.1-51.0	57.2- 59.6	5.001	2.896	2.029	1.560	1.265	1.064	0.918	0.806	0.719	0.649	0.591	0.543	0.502	0.466	0.436	0.409	0.385	0.364	25.4
51.1-53.0	59.7- 62.1	4.672	2.701	1.891	1.453	1.178	0.990	0.854	0.750	0.669	0.604	0.550	0.505	0.467	0.434	0.405	0.380	0.358	0.338	25.4
53.1-55.0	62.2- 64.7	4.376	2.526	1.768	1.357	1.101	0.925	0.797	0.701	0.625	0.563	0.513	0.471	0.435	0.405	0.378	0.355	0.334	0.316	25.5
55.1-57.0	64.8- 67.2	4.110	2.370	1.657	1.272	1.031	0.866	0.747	0.656	0.585	0.527	0.480	0.441	0.407	0.379	0.354	0.332	0.312	0.295	25.6
57.1-59.0	67.3- 69.8	3.869	2.228	1.557	1.195	0.968	0.813	0.701	0.615	0.549	0.495	0.451	0.414	0.382	0.355	0.332	0.311	0.293	0.277	25.6
59.1-61.0	69.9- 72.4	3.651	2.100	1.467	1.125	0.911	0.765	0.659	0.579	0.516	0.465	0.424	0.389	0.359	0.334	0.312	0.293	0.275	0.260	25.7
61.1-63.0	72.5- 75.0	3.452	1.983	1.385	1.061	0.860	0.722	0.622	0.546	0.486	0.439	0.399	0.367	0.339	0.315	0.294	0.276	0.260	0.245	25.7
63.1-65.0	75.1- 77.6	3.270	1.877	1.310	1.004	0.813	0.682	0.588	0.516	0.460	0.414	0.377	0.346	0.320	0.297	0.277	0.260	0.245	0.231	25.8
65.1-67.0	77.8- 80.3	3.103	1.780	1.241	0.951	0.770	0.646	0.556	0.488	0.435	0.392	0.357	0.328	0.303	0.281	0.263	0.246	0.232	0.219	25.8
67.1-69.0	80.4- 82.9	2.950	1.690	1.179	0.903	0.730	0.613	0.528	0.463	0.413	0.372	0.338	0.311	0.287	0.267	0.249	0.233	0.220	0.208	25.8
69.1-71.0	83.0- 85.6	2.808	1.608	1.121	0.858	0.694	0.582	0.501	0.440	0.392	0.353	0.321	0.295	0.272	0.253	0.236	0.222	0.209	0.197	25.8
71.1-73.0	85.7- 88.3	2.678	1.532	1.068	0.817	0.661	0.554	0.477	0.419	0.373	0.336	0.306	0.281	0.259	0.241	0.225	0.211	0.198	0.187	25.9
73.1-75.0	88.4- 91.0	2.556	1.462	1.018	0.779	0.630	0.528	0.455	0.399	0.355	0.320	0.291	0.267	0.247	0.229	0.214	0.201	0.189	0.178	25.9
75.1-77.0	91.1- 93.7	2.444	1.397	0.973	0.744	0.602	0.504	0.434	0.381	0.339	0.306	0.278	0.255	0.236	0.219	0.204	0.191	0.180	0.170	25.9
77.1-79.0	93.8- 96.4	2.339	1.337	0.931	0.712	0.575	0.482	0.415	0.364	0.324	0.292	0.266	0.244	0.225	0.209	0.195	0.183	0.172	0.163	25.9
79.1-81.0	96.5- 99.1	2.242	1.281	0.891	0.681	0.551	0.462	0.397	0.348	0.310	0.279	0.254	0.233	0.215	0.200	0.187	0.175	0.165	0.156	25.9

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: HARDWOOD
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	14.4- 16.5	2579.720	568.763	317.986	219.826	167.565	135.168	113.151	97.231	85.193	75.778	68.216	62.012	56.832	52.443	48.677	45.411	42.552	40.029	16.4
15.1-17.0	16.7- 18.8	109.294	61.808	43.046	33.003	26.749	22.482	19.385	17.036	15.193	13.709	12.488	11.466	10.599	9.853	9.205	8.636	8.134	7.687	17.7
17.1-19.0	18.9- 21.1	51.125	29.322	20.462	15.686	12.707	10.674	9.199	8.081	7.204	6.498	5.918	5.432	5.020	4.666	4.359	4.089	3.851	3.639	18.9
19.1-21.0	21.2- 23.4	34.383	19.967	14.020	10.789	8.763	7.375	6.365	5.598	4.995	4.509	4.109	3.774	3.489	3.245	3.032	2.845	2.680	2.533	19.9
21.1-23.0	23.5- 25.7	26.150	15.286	10.768	8.302	6.752	5.688	4.912	4.322	3.859	3.485	3.176	2.918	2.699	2.510	2.346	2.202	2.074	1.961	20.7
23.1-25.0	25.8- 28.0	21.081	12.360	8.719	6.728	5.475	4.614	3.986	3.508	3.132	2.829	2.579	2.370	2.192	2.039	1.905	1.788	1.685	1.593	21.5
25.1-27.0	28.1- 30.4	17.588	10.322	7.285	5.624	4.577	3.857	3.333	2.934	2.619	2.366	2.157	1.982	1.833	1.705	1.594	1.496	1.409	1.332	22.1
27.1-29.0	30.5- 32.7	15.017	8.813	6.220	4.801	3.907	3.293	2.845	2.504	2.236	2.019	1.841	1.692	1.565	1.455	1.360	1.277	1.203	1.137	22.7
29.1-31.0	32.8- 35.1	13.041	7.648	5.396	4.164	3.388	2.855	2.466	2.171	1.938	1.750	1.596	1.466	1.356	1.261	1.179	1.106	1.042	0.985	23.1
31.1-33.0	35.2- 37.5	11.475	6.722	4.740	3.656	2.974	2.506	2.165	1.905	1.701	1.536	1.400	1.286	1.190	1.106	1.034	0.971	0.914	0.864	23.5
33.1-35.0	37.6- 39.9	10.204	5.970	4.207	3.244	2.638	2.222	1.919	1.689	1.507	1.361	1.241	1.140	1.054	0.980	0.916	0.860	0.810	0.766	23.9
35.1-37.0	40.0- 42.3	9.155	5.348	3.766	2.902	2.360	1.987	1.716	1.510	1.348	1.217	1.109	1.019	0.942	0.876	0.819	0.768	0.724	0.684	24.2
37.1-39.0	42.4- 44.7	8.274	4.826	3.396	2.616	2.126	1.790	1.546	1.360	1.213	1.095	0.998	0.917	0.848	0.788	0.737	0.691	0.651	0.616	24.4
39.1-41.0	44.8- 47.1	7.527	4.384	3.082	2.373	1.928	1.623	1.401	1.232	1.099	0.993	0.904	0.831	0.768	0.714	0.667	0.626	0.590	0.558	24.7
41.1-43.0	47.3- 49.6	6.886	4.004	2.813	2.165	1.758	1.480	1.277	1.123	1.002	0.904	0.824	0.757	0.700	0.651	0.608	0.570	0.537	0.508	24.8
43.1-45.0	49.7- 52.1	6.330	3.675	2.580	1.985	1.611	1.356	1.170	1.028	0.917	0.828	0.754	0.693	0.640	0.595	0.556	0.522	0.492	0.465	25.0
45.1-47.0	52.2- 54.6	5.845	3.389	2.377	1.828	1.483	1.248	1.076	0.946	0.844	0.762	0.694	0.637	0.589	0.548	0.512	0.480	0.452	0.427	25.1
47.1-49.0	54.7- 57.1	5.419	3.137	2.199	1.690	1.371	1.153	0.994	0.874	0.779	0.703	0.641	0.588	0.544	0.505	0.472	0.443	0.417	0.394	25.3
49.1-51.0	57.2- 59.6	5.042	2.914	2.041	1.568	1.272	1.069	0.922	0.810	0.723	0.652	0.594	0.545	0.504	0.468	0.438	0.411	0.387	0.365	25.4
51.1-53.0	59.7- 62.1	4.706	2.717	1.901	1.460	1.184	0.995	0.858	0.754	0.672	0.606	0.552	0.507	0.469	0.435	0.407	0.382	0.359	0.340	25.4
53.1-55.0	62.2- 64.7	4.405	2.540	1.777	1.364	1.105	0.929	0.801	0.703	0.627	0.566	0.515	0.473	0.437	0.406	0.379	0.356	0.335	0.317	25.5
55.1-57.0	64.8- 67.2	4.135	2.381	1.665	1.277	1.035	0.869	0.749	0.658	0.587	0.529	0.482	0.442	0.409	0.380	0.355	0.333	0.313	0.296	25.6
57.1-59.0	67.3- 69.8	3.891	2.238	1.564	1.199	0.971	0.816	0.703	0.617	0.550	0.496	0.452	0.415	0.383	0.356	0.333	0.312	0.294	0.278	25.6
59.1-61.0	69.9- 72.4	3.669	2.109	1.472	1.129	0.914	0.768	0.661	0.581	0.518	0.467	0.425	0.390	0.360	0.335	0.313	0.293	0.276	0.261	25.7
61.1-63.0	72.5- 75.0	3.468	1.991	1.390	1.065	0.862	0.724	0.623	0.547	0.488	0.440	0.400	0.367	0.339	0.315	0.295	0.276	0.260	0.246	25.7
63.1-65.0	75.1- 77.6	3.284	1.884	1.314	1.007	0.815	0.684	0.589	0.517	0.461	0.415	0.378	0.347	0.321	0.298	0.278	0.261	0.246	0.232	25.8
65.1-67.0	77.8- 80.3	3.116	1.786	1.245	0.953	0.772	0.648	0.558	0.489	0.436	0.393	0.358	0.328	0.303	0.282	0.263	0.247	0.232	0.219	25.8
67.1-69.0	80.4- 82.9	2.961	1.696	1.182	0.905	0.732	0.614	0.529	0.464	0.413	0.373	0.339	0.311	0.287	0.267	0.249	0.234	0.220	0.208	25.8
69.1-71.0	83.0- 85.6	2.819	1.613	1.124	0.860	0.696	0.584	0.502	0.441	0.393	0.354	0.322	0.295	0.273	0.254	0.237	0.222	0.209	0.197	25.8
71.1-73.0	85.7- 88.3	2.687	1.537	1.070	0.819	0.662	0.555	0.478	0.419	0.374	0.337	0.306	0.281	0.260	0.241	0.225	0.211	0.199	0.188	25.9
73.1-75.0	88.4- 91.0	2.565	1.466	1.021	0.781	0.631	0.529	0.456	0.400	0.356	0.321	0.292	0.268	0.247	0.230	0.214	0.201	0.189	0.179	25.9
75.1-77.0	91.1- 93.7	2.452	1.401	0.975	0.746	0.603	0.505	0.435	0.381	0.340	0.306	0.278	0.255	0.236	0.219	0.205	0.192	0.181	0.170	25.9
77.1-79.0	93.8- 96.4	2.346	1.340	0.932	0.713	0.576	0.483	0.416	0.365	0.325	0.292	0.266	0.244	0.225	0.209	0.195	0.183	0.172	0.163	25.9
79.1-81.0	96.5- 99.1	2.248	1.283	0.893	0.683	0.552	0.462	0.398	0.349	0.311	0.280	0.255	0.233	0.216	0.200	0.187	0.175	0.165	0.156	25.9

Table 76. Trees/m³ of merchantable volume at 0.30 m stump height and 15.0 cm top dib

SPECIES: HARDWOOD
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	16.7- 18.8	6837.382	603.500	313.723	210.882	158.323	126.485	105.171	89.922	78.485	69.595	62.492	56.688	51.859	47.780	44.289	41.268	38.629	36.305	17.7
17.1-19.0	18.9- 21.1	108.996	61.513	43.000	33.091	26.905	22.670	19.588	17.244	15.401	13.913	12.687	11.659	10.785	10.033	9.379	8.805	8.296	7.844	18.9
19.1-21.0	21.2- 23.4	48.304	27.440	19.063	14.573	11.781	9.882	8.506	7.465	6.650	5.994	5.456	5.006	4.625	4.297	4.012	3.763	3.543	3.347	19.9
21.1-23.0	23.5- 25.7	31.600	18.131	12.653	9.700	7.859	6.602	5.690	4.998	4.456	4.020	3.661	3.361	3.106	2.887	2.697	2.530	2.383	2.251	20.7
23.1-25.0	25.8- 28.0	23.803	13.762	9.642	7.410	6.013	5.058	4.363	3.836	3.422	3.088	2.814	2.584	2.389	2.221	2.075	1.947	1.834	1.733	21.5
25.1-27.0	28.1- 30.4	19.152	11.121	7.809	6.009	4.881	4.108	3.545	3.118	2.782	2.512	2.289	2.102	1.944	1.808	1.689	1.585	1.493	1.411	22.1
27.1-29.0	30.5- 32.7	16.000	9.311	6.545	5.040	4.095	3.448	2.976	2.618	2.337	2.109	1.923	1.766	1.633	1.518	1.419	1.332	1.255	1.186	22.7
29.1-31.0	32.8- 35.1	13.698	7.979	5.611	4.322	3.512	2.957	2.553	2.246	2.004	1.810	1.649	1.515	1.401	1.303	1.217	1.143	1.076	1.017	23.1
31.1-33.0	35.2- 37.5	11.936	6.953	4.889	3.766	3.060	2.577	2.225	1.957	1.746	1.577	1.437	1.320	1.221	1.135	1.061	0.995	0.938	0.886	23.5
33.1-35.0	37.6- 39.9	10.539	6.136	4.314	3.322	2.700	2.273	1.962	1.726	1.540	1.390	1.267	1.164	1.076	1.001	0.935	0.878	0.827	0.781	23.9
35.1-37.0	40.0- 42.3	9.405	5.472	3.845	2.960	2.405	2.025	1.748	1.537	1.372	1.238	1.128	1.036	0.958	0.891	0.833	0.781	0.736	0.696	24.2
37.1-39.0	42.4- 44.7	8.467	4.921	3.456	2.660	2.161	1.818	1.569	1.380	1.231	1.112	1.013	0.930	0.860	0.800	0.747	0.701	0.661	0.624	24.4
39.1-41.0	44.8- 47.1	7.677	4.457	3.129	2.407	1.955	1.645	1.419	1.248	1.113	1.005	0.916	0.841	0.777	0.723	0.675	0.634	0.597	0.564	24.7
41.1-43.0	47.3- 49.6	7.005	4.062	2.850	2.192	1.779	1.497	1.291	1.135	1.013	0.914	0.833	0.765	0.707	0.657	0.614	0.576	0.543	0.513	24.8
43.1-45.0	49.7- 52.1	6.427	3.722	2.610	2.006	1.628	1.369	1.181	1.038	0.926	0.836	0.761	0.699	0.646	0.601	0.561	0.527	0.496	0.469	25.0
45.1-47.0	52.2- 54.6	5.925	3.427	2.401	1.845	1.497	1.259	1.085	0.954	0.851	0.768	0.699	0.642	0.594	0.552	0.516	0.484	0.456	0.431	25.1
47.1-49.0	54.7- 57.1	5.484	3.168	2.218	1.704	1.382	1.162	1.002	0.880	0.785	0.708	0.645	0.592	0.548	0.509	0.476	0.446	0.420	0.397	25.3
49.1-51.0	57.2- 59.6	5.096	2.940	2.058	1.580	1.281	1.077	0.928	0.816	0.727	0.656	0.598	0.549	0.507	0.471	0.440	0.413	0.389	0.368	25.4
51.1-53.0	59.7- 62.1	4.752	2.739	1.915	1.470	1.191	1.001	0.863	0.758	0.676	0.610	0.555	0.510	0.471	0.438	0.409	0.384	0.361	0.341	25.4
53.1-55.0	62.2- 64.7	4.444	2.558	1.788	1.372	1.112	0.934	0.805	0.707	0.630	0.569	0.518	0.475	0.439	0.408	0.381	0.358	0.337	0.318	25.5
55.1-57.0	64.8- 67.2	4.169	2.397	1.675	1.284	1.040	0.874	0.753	0.661	0.589	0.532	0.484	0.444	0.411	0.382	0.356	0.334	0.315	0.297	25.6
57.1-59.0	67.3- 69.8	3.920	2.252	1.572	1.205	0.976	0.820	0.706	0.620	0.553	0.498	0.454	0.417	0.385	0.358	0.334	0.313	0.295	0.279	25.6
59.1-61.0	69.9- 72.4	3.695	2.121	1.480	1.134	0.918	0.771	0.664	0.583	0.520	0.469	0.427	0.391	0.362	0.336	0.314	0.294	0.277	0.262	25.7
61.1-63.0	72.5- 75.0	3.490	2.001	1.396	1.069	0.866	0.727	0.626	0.549	0.490	0.441	0.402	0.369	0.341	0.317	0.296	0.277	0.261	0.247	25.7
63.1-65.0	75.1- 77.6	3.304	1.893	1.320	1.011	0.818	0.686	0.591	0.519	0.462	0.417	0.379	0.348	0.322	0.299	0.279	0.262	0.246	0.233	25.8
65.1-67.0	77.8- 80.3	3.133	1.794	1.250	0.957	0.774	0.650	0.559	0.491	0.437	0.394	0.359	0.329	0.304	0.283	0.264	0.247	0.233	0.220	25.8
67.1-69.0	80.4- 82.9	2.976	1.703	1.186	0.908	0.734	0.616	0.530	0.465	0.415	0.374	0.340	0.312	0.288	0.268	0.250	0.234	0.221	0.208	25.8
69.1-71.0	83.0- 85.6	2.832	1.619	1.128	0.863	0.698	0.585	0.504	0.442	0.394	0.355	0.323	0.296	0.274	0.254	0.237	0.223	0.209	0.198	25.8
71.1-73.0	85.7- 88.3	2.699	1.542	1.074	0.821	0.664	0.557	0.479	0.420	0.374	0.337	0.307	0.282	0.260	0.242	0.226	0.212	0.199	0.188	25.9
73.1-75.0	88.4- 91.0	2.576	1.471	1.024	0.783	0.633	0.531	0.457	0.401	0.357	0.321	0.293	0.268	0.248	0.230	0.215	0.201	0.190	0.179	25.9
75.1-77.0	91.1- 93.7	2.461	1.405	0.978	0.748	0.604	0.507	0.436	0.382	0.340	0.307	0.279	0.256	0.236	0.220	0.205	0.192	0.181	0.171	25.9
77.1-79.0	93.8- 96.4	2.355	1.344	0.935	0.715	0.578	0.484	0.416	0.365	0.325	0.293	0.267	0.244	0.226	0.210	0.196	0.184	0.173	0.163	25.9
79.1-81.0	96.5- 99.1	2.256	1.287	0.895	0.684	0.553	0.463	0.399	0.349	0.311	0.280	0.255	0.234	0.216	0.201	0.187	0.175	0.165	0.156	25.9

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)