

2017 TIMBER ESTIMATION VOLUME TABLE

Table 1. Double-entry green weight table (short tons) for southern pines in east Texas.

DBH (inches)	Total Height (feet)										
	20	30	40	50	60	70	80	90	100	110	120
5	0.040	0.060	0.083	0.107	0.130	0.157	0.180	0.207	0.233	0.260	0.287
6	0.053	0.083	0.117	0.150	0.183	0.217	0.250	0.287	0.323	0.360	0.397
7	0.070	0.110	0.153	0.197	0.240	0.287	0.330	0.377	0.427	0.473	0.520
8	0.090	0.140	0.193	0.250	0.307	0.363	0.420	0.480	0.540	0.600	0.663
9	0.110	0.173	0.240	0.307	0.377	0.447	0.520	0.593	0.667	0.743	0.817
10	0.133	0.210	0.290	0.370	0.457	0.540	0.627	0.717	0.807	0.897	0.987
11	0.157	0.250	0.343	0.440	0.540	0.640	0.743	0.850	0.957	1.063	1.173
12	0.183	0.290	0.400	0.513	0.630	0.750	0.870	0.993	1.117	1.243	1.370
13	0.213	0.337	0.463	0.593	0.730	0.867	1.003	1.147	1.290	1.433	1.580
14	0.243	0.383	0.530	0.680	0.833	0.990	1.147	1.310	1.473	1.640	1.807
15	0.277	0.433	0.597	0.767	0.940	1.120	1.300	1.480	1.667	1.853	2.043
16	0.310	0.487	0.670	0.863	1.057	1.257	1.457	1.663	1.870	2.083	2.293
17	0.343	0.543	0.750	0.960	1.177	1.400	1.627	1.853	2.087	2.320	2.557
18	0.383	0.600	0.830	1.063	1.307	1.550	1.800	2.053	2.310	2.570	2.833
19	0.420	0.663	0.913	1.173	1.437	1.710	1.983	2.263	2.547	2.833	3.123
20	0.460	0.727	1.003	1.287	1.577	1.873	2.177	2.480	2.793	3.107	3.423
21	0.503	0.793	1.093	1.403	1.720	2.043	2.373	2.707	3.047	3.390	3.737
22	0.547	0.860	1.190	1.527	1.870	2.223	2.580	2.943	3.313	3.683	4.060
23	0.593	0.933	1.287	1.653	2.027	2.407	2.793	3.187	3.587	3.990	4.397
24	0.640	1.007	1.390	1.783	2.187	2.597	3.017	3.440	3.870	4.307	4.747
25	0.690	1.083	1.493	1.917	2.353	2.793	3.243	3.703	4.163	4.633	5.107
26	0.740	1.163	1.603	2.057	2.523	3.000	3.480	3.970	4.467	4.970	5.480
27	0.790	1.243	1.717	2.203	2.700	3.207	3.723	4.250	4.780	5.320	5.863
28	0.843	1.327	1.830	2.350	2.883	3.423	3.977	4.537	5.103	5.677	6.257
29	0.897	1.413	1.950	2.503	3.070	3.647	4.233	4.830	5.433	6.047	6.663
30	0.953	1.503	2.073	2.660	3.260	3.877	4.500	5.133	5.773	6.423	7.080
31	1.013	1.593	2.197	2.820	3.460	4.110	4.773	5.443	6.123	6.813	7.510
32	1.070	1.687	2.327	2.987	3.660	4.350	5.050	5.763	6.483	7.213	7.950
33	1.133	1.783	2.460	3.157	3.870	4.597	5.337	6.090	6.850	7.620	8.400
34	1.193	1.880	2.593	3.330	4.083	4.850	5.630	6.423	7.227	8.040	8.863
35	1.260	1.980	2.733	3.507	4.300	5.110	5.930	6.767	7.613	8.470	9.333
36	1.323	2.083	2.873	3.687	4.523	5.373	6.240	7.117	8.007	8.907	9.820
37	1.390	2.187	3.017	3.873	4.750	5.643	6.553	7.477	8.410	9.357	10.313
38	1.457	2.293	3.167	4.063	4.983	5.920	6.873	7.840	8.823	9.813	10.817
39	1.527	2.403	3.317	4.257	5.220	6.203	7.200	8.217	9.243	10.283	11.333
40	1.600	2.517	3.470	4.453	5.463	6.490	7.537	8.597	9.673	10.760	11.860

Timber Estimation Specifications:

- Tally only live pines.
- Tally only pine sawtimber.
- The minimum DBH is the 10 inch size class.
- There is no maximum DBH.
- Cull trees are excluded.
 - Culls include trees with defects significant enough to disqualify them as sawtimber.
- Height is measured to total tree height.