

Wood BTU

Calculate Extra moisture in the wood from the 20% normal.					
Moisture Content Percentage	0.00%	Values shown are with 20% Moisture using 0.0% at Left.			
Total Moisture in Wood	20.00%				
Species	Weight Per Cord (lbs)	BTU's Per Cord with 20% Moisture (millions)	Recoverable BTU's per Cord (Millions)	BTU Per Lb with 20% Moisture plus Calculated	BTU Per Ounce with Moisture
Alder, Red	2710	17.20	17.20	6,346.86	396.68
Apple	4140	26.50	26.50	6,400.97	400.06
Ash, Black	2992	20.50	20.50	6,851.60	428.23
Ash, Green	2880	19.90	19.90	6,909.72	431.86
Ash, White	3689	23.60	23.60	6,397.40	399.84
Aspen	2295	14.70	14.70	6,405.23	400.33
Basswood (Linden)	2108	13.80	13.80	6,546.49	409.16
Beech, Blue	3890	26.80	26.80	6,889.46	430.59
Beech, High	3757	24.00	24.00	6,388.08	399.26
Birch, Black	3890	26.80	26.80	6,889.46	430.59
Birch, Gray	3179	20.30	20.30	6,385.66	399.10
Birch, Paper	3179	20.30	20.30	6,385.66	399.10
Birch, White	3179	20.30	20.30	6,385.66	399.10
Birch, Yellow	3689	23.60	23.60	6,397.40	399.84
Boxelder	2797	17.90	17.90	6,399.71	399.98
Buckeye, Ohio	1984	13.80	13.80	6,955.65	434.73
Butternut	2100	14.50	14.50	6,904.76	431.55
Catalpa	2360	16.40	16.40	6,949.15	434.32
Cedar, White	1913	12.20	12.20	6,377.42	398.59
Cherry	3120	20.00	20.00	6,410.26	400.64
Cherry, Black	2880	19.90	19.90	6,909.72	431.86
Coffeetree, Kentucky	3112	21.60	21.60	6,940.87	433.80
Cottonwood	2108	13.50	13.50	6,404.17	400.26
Eastern Hornbeam	4267	27.30	27.30	6,397.94	399.87
Elm, American	3052	19.50	19.50	6,389.25	399.33
Elm, Red	3112	21.60	21.60	6,940.87	433.80
Elm, White (Russion, Siberian)	3052	19.50	19.50	6,389.25	399.33
Fir, Balsam	2236	14.30	14.30	6,395.35	399.71
Fir, Concolor (White)	2104	14.10	14.10	6,701.52	418.85
Fir, Douglas	2900	20.70	20.70	7,137.93	446.12
Hackberry	3247	20.80	20.80	6,405.91	400.37
Hemlock	2482	15.90	15.90	6,406.12	400.38
Hickory, Bitternut	3832	26.70	26.70	6,967.64	435.48
Hickory, Shagbark	4327	27.70	27.70	6,401.66	400.10
Ironwood	4016	27.90	27.90	6,947.21	434.20
Juniper, Rocky Mountain	3150	21.80	21.80	6,920.63	432.54
Locust, Honey	3832	26.70	26.70	6,967.64	435.48
Locust, Black	4016	27.90	27.90	6,947.21	434.20
Maple, Red	2924	18.70	18.70	6,395.35	399.71
Maple, Sugar	3757	24.00	24.00	6,388.08	399.26
Mulberry	3712	25.80	25.80	6,950.43	434.40
Oak, Red	3757	24.00	24.00	6,388.08	399.26
Oak, White	4012	28.70	28.70	7,153.54	447.10
Osage Orange (Hedge)	4728	32.90	32.90	6,958.54	434.91
Pine, Jack	2669	17.10	17.10	6,406.89	400.43
Pine, Norway	2669	17.10	17.10	6,406.89	400.43
Pine, Pitch	2669	17.10	17.10	6,406.89	400.43

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Pine, Ponderosa	2380	15.20	15.20	6,386.55	399.16
Pine, White (Eastern, Western)	2250	15.60	15.60	6,933.33	433.33
Spruce	2100	14.50	14.50	6,904.76	431.55
Spruce, Black	2482	15.90	15.90	6,406.12	400.38
Sycamore	2808	19.50	19.50	6,944.44	434.03
Tamarack	3247	20.80	20.80	6,405.91	400.37
Walnut, Black	3192	22.20	22.20	6,954.89	434.68
Willow	2100	14.50	14.50	6,904.76	431.55
Wood pellets	3500	29.75	28.50	8,142.86	508.93

Calculate the Moisture in your wood

Wood weight in ounces/Lbs before drying	12.5
Wood weight in ounces/Lbs after drying	11.6
Moisture content removed Percentage	7.20%