

Biltmore/Hypsometer Stick

- 1) Cut where indicated.
- 2) Align and glue to appropriate dimension stick (1.5 inch wide x 30 inches long).
- 3) Cover with clear polyurethane to protect increments from the environment.

*Increments were taken from Ontario Woodlot associations instructions on how to build a Biltmore. http://www.ont-woodlot-assoc.org/sw_biltmorestick.html

*International volume table taken from wikipedia on September 6, 2012.

cut here.

0

Biltmore Stick (Tree Diameter), for 25 inch reach.

Hold horizontally at right angle to tree, approximately 1.3 meters from ground. Align 0 with left side of tree.

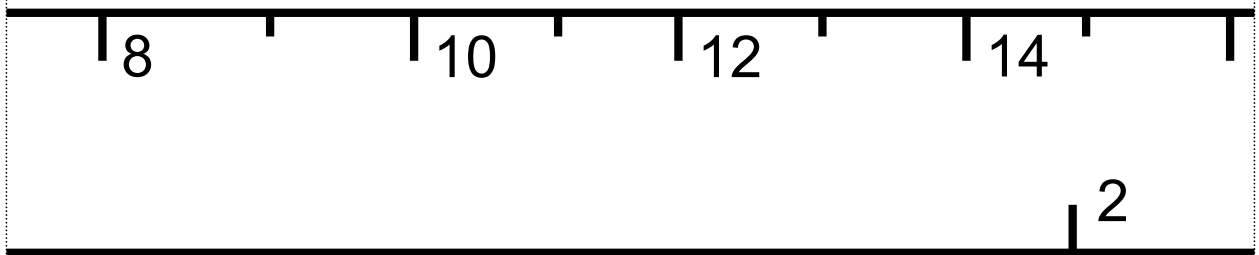
0

Hypsometer (# of 16 foot saw logs), for 25 inch reach.

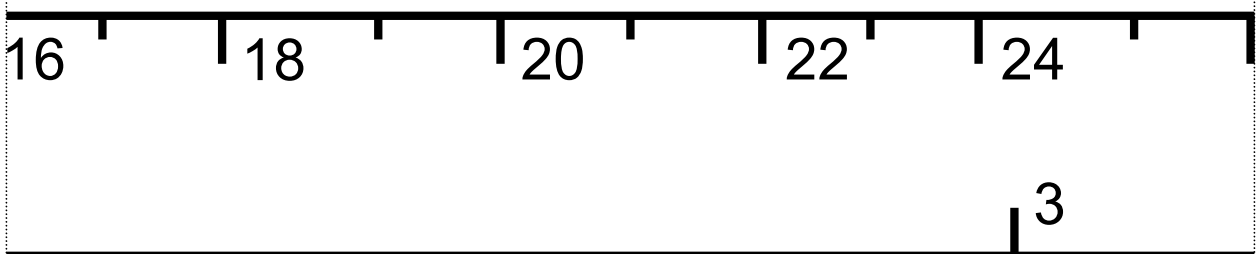
Hold vertically, align 0 with bottom of tree from 10 meters away. Measure to first major fork in tree.

1

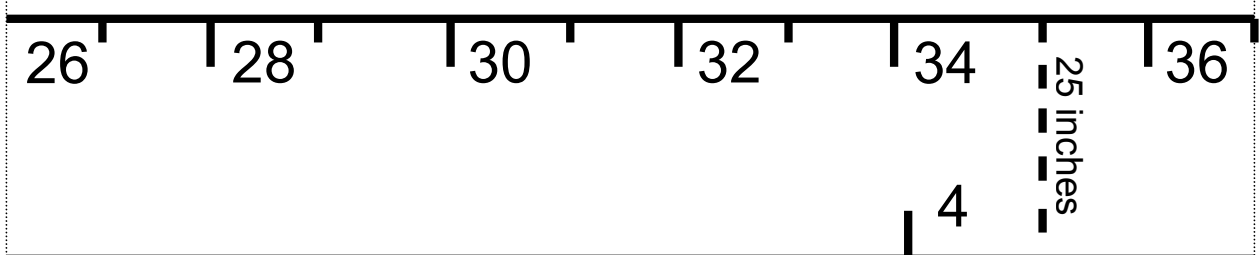
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Standard Volume Table, International 1/4 in Rule, Form Class 80

Volume by 16-ft logs (bd-ft)

	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
1	39	59	83	112	144	181	221	266	315	367	424	485	550	620	693	770
2	63	98	141	190	248	314	387	469	558	654	758	870	989	1121	1256	1403
3	80	127	186	256	336	427	528	644	767	904	1050	1213	1383	1571	1772	1977
4		146	216	305	402	512	638	773	931	1096	1272	1480	1691	1922	2167	2432

cut here.