

CRUISER Stick 25 inch reach

Biltmore Stick			Merritt Hypsometer
Tree Diameter (inches)	Reach or distance from eye (inches)	D.B.H. Distance from Left Edge (inches)	16 Ft Log- 1 log increments (inches)
6	25	5 6/16	6 1/16
8	25	6 15/16	
10	25	8 7/16	Height increment=(R/D)*L
12	25	9 14/16	Where R is reach or distance from the eye (25 inches), D is distance from the tree (feet) and L is log length (feet)
14	25	11 3/16	
16	25	12 8/16	
18	25	13 12/16	
20	25	14 15/16	
22	25	16 1/16	
24	25	17 2/16	
26	25	18 3/16	
28	25	19 4/16	
30	25	20 4/16	
32	25	21 3/16	
34	25	22 2/16	
36	25	23 1/16	
38	25	23 15/16	
40	25	24 13/16	
42	25	25 10/16	
44	25	26 8/16	
46	25	27 5/16	
48	25	28 1/16	
50	25	28 14/16	
52	25	29 10/16	
54	25	30 6/16	
56	25	31 2/16	
58	25	31 13/16	
60	25	32 9/16	

Where R is reach or distance from the eye (25 inches), D is diameter
 Diameter Increment= $\sqrt{[(R(DxD))/R+D]}$