

FORESTRY CDE
July 2002

JUDGES SCORING SPACE

Contestant's Volume (cords) _____ Correct Volume (cords) _____ Deviation (+ or - %) _____ Conversion to points _____ (5% = 1 point) Total Wt. Points (5) _____ minus _____ deduction = _____ add _____ Total Points	Contestant's Volume (cords) _____ Correct Volume (cords) _____ Deviation (+ or - %) _____ Conversion to points _____ (1% = 1 point) Total Wt. Points (35) _____ minus _____ deduction = _____ add _____ Points for diameter _____ Points for height _____ Total Points
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To determine total height, round down to the nearest 5-ft. length.

$1.091 \text{ cords} \times 5550 \text{ (wt. factor)} = 6055.05 \text{ lbs.} = 3.028 \text{ tons}$

35 points for each correct diameter
 3 points for each correct height
 5 points for correct tonnage
 Minus 1 pt. for each +/- 5% tonnage

DBH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
95	0.73	0.77	0.81	0.85	0.89	0.93	0.97	1.01	1.05	1.09	1.13	1.17	1.21	1.25	1.29	1.33	1.37	1.41	1.45	1.49	1.53	1.57	1.61
90	0.68	0.72	0.76	0.80	0.84	0.88	0.92	0.96	1.00	1.04	1.08	1.12	1.16	1.20	1.24	1.28	1.32	1.36	1.40	1.44	1.48	1.52	1.56
85	0.63	0.67	0.71	0.75	0.79	0.83	0.87	0.91	0.95	0.99	1.03	1.07	1.11	1.15	1.19	1.23	1.27	1.31	1.35	1.39	1.43	1.47	1.51
80	0.58	0.62	0.66	0.70	0.74	0.78	0.82	0.86	0.90	0.94	0.98	1.02	1.06	1.10	1.14	1.18	1.22	1.26	1.30	1.34	1.38	1.42	1.46
75	0.53	0.57	0.61	0.65	0.69	0.73	0.77	0.81	0.85	0.89	0.93	0.97	1.01	1.05	1.09	1.13	1.17	1.21	1.25	1.29	1.33	1.37	1.41
70	0.48	0.52	0.56	0.60	0.64	0.68	0.72	0.76	0.80	0.84	0.88	0.92	0.96	1.00	1.04	1.08	1.12	1.16	1.20	1.24	1.28	1.32	1.36
65	0.43	0.47	0.51	0.55	0.59	0.63	0.67	0.71	0.75	0.79	0.83	0.87	0.91	0.95	0.99	1.03	1.07	1.11	1.15	1.19	1.23	1.27	1.31
60	0.38	0.42	0.46	0.50	0.54	0.58	0.62	0.66	0.70	0.74	0.78	0.82	0.86	0.90	0.94	0.98	1.02	1.06	1.10	1.14	1.18	1.22	1.26
55	0.33	0.37	0.41	0.45	0.49	0.53	0.57	0.61	0.65	0.69	0.73	0.77	0.81	0.85	0.89	0.93	0.97	1.01	1.05	1.09	1.13	1.17	1.21
50	0.28	0.32	0.36	0.40	0.44	0.48	0.52	0.56	0.60	0.64	0.68	0.72	0.76	0.80	0.84	0.88	0.92	0.96	1.00	1.04	1.08	1.12	1.16
45	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.63	0.67	0.71	0.75	0.79	0.83	0.87	0.91	0.95	0.99	1.03	1.07	1.11
40	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.46	0.50	0.54	0.58	0.62	0.66	0.70	0.74	0.78	0.82	0.86	0.90	0.94	0.98	1.02	1.06

Use volume table below to determine total volume of trees tagged for this event to the nearest .001 cord.

Tree	Dia.	Pts	Height	Pts	Volume
1	9	9	50	50	.116
2	10	10	50	50	.141
3	6	6	40	40	.039
4	7	7	50	50	.071
5	9	9	60	60	.140
6	8	8	60	60	.111
7	10	10	60	60	.169
8	10	10	60	60	.169
9	7	7	50	50	.071
10	7	7	45	45	.064

Name Key School High 4

Score _____ Rank _____

TIMBER CRUISING FOR CORD VOLUME

CHANGE