

## TREE IDENTIFICATION

- |                         |                         |                        |        |         |         |
|-------------------------|-------------------------|------------------------|--------|---------|---------|
| 1. Alder, Red           | 15. Hemlock, Western    | 29. Pine, Longleaf     | 1.____ | 8.____  | 15.____ |
| 2. Ash                  | 16. Hickory             | 30. Pine, Pitch        | 2.____ | 9.____  | 16.____ |
| 3. Aspen, Bigtooth      | 17. Maple, Red          | 31. Pine, Ponderosa    | 3.____ | 10.____ | 17.____ |
| 4. Aspen, Quaking       | 18. Maple, Sugar        | 32. Pine, Red          | 4.____ | 11.____ | 18.____ |
| 5. Baldcypress          | 19. Oak, Black          | 33. Pine, Shortleaf    | 5.____ | 12.____ | 19.____ |
| 6. Beech, American      | 20. Oak, Chestnut       | 34. Poplar, Yellow     | 6.____ | 13.____ | 20.____ |
| 7. Birch, Black         | 21. Oak, Northern Red   | 35. Red Cedar, Western | 7.____ | 14.____ |         |
| 8. Birch, White         | 22. Oak, Scarlet        | 36. Redcedar, Eastern  |        |         |         |
| 9. Cherry, Black        | 23. Oak, Southern Red   | 37. Spruce, Red        |        |         |         |
| 10. Cottonwood, Eastern | 24. Oak, White          | 38. Spruce, Sitka      |        |         |         |
| 11. Elm                 | 25. Pecan               | 39. Spruce, White      |        |         |         |
| 12. Fir, Balsam         | 26. Pine, Eastern White | 40. Sweetgum           |        |         |         |
| 13. Fir, Douglas        | 27. Pine, Loblolly      | 41. Sycamore           |        |         |         |
| 14. Hemlock, Eastern    | 28. Pine, Lodgepole     | 42. Walnut, Black      |        |         |         |

## BOARD FOOT VOLUME (BLUE FLAGGING)

*Stump height 6" above ground- Merchantable height 10" top.*  
 VOLUME (BOARD FEET) BY NUMBER OF USABLE 16-FT. LOGS

Doyle Log Rule (Form Class 80)

Tree Dia. Inches	Number of 16-ft. logs									
	1	1½	2	2½	3	3½	4	4½	5	
10	16	20	23	24	26					
11	24	30	35	38	42					
12	31	39	47	52	57	60	62			
13	42	53	64	72	80	84	88			
14	52	67	82	93	104	109	114			
15	64	84	104	118	132	141	150			
16	77	101	125	143	161	174	186			
17	92	122	152	175	198	214	230			
18	108	144	179	206	234	254	273			
19	126	168	210	244	278	301	324			
20	144	193	242	282	321	348	374	396	417	
21	164	221	278	324	370	403	436	462	489	
22	185	250	315	368	420	458	497	529	561	
23	208	282	356	417	478	521	564	604	643	
24	231	314	397	466	536	583	630	678	725	
25	256	350	443	522	600	655	710	764	818	
26	282	386	489	576	663	727	791	852	912	
27	310	425	540	638	735	806	877	946	1015	
28	339	466	592	700	807	885	963	1040	1118	
29	370	509	648	766	884	970	1056	1144	1232	
30	400	552	703	832	961	1055	1149	1248	1346	

Tree	DBH	NUMBER of LOGS	Vol.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

**TOTAL VOLUME**

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**FOREST MANAGEMENT EVALUATION/TIMBER STAND IMPROVEMENT (YELLOW FLAGGING)**

- A. Harvest — utilize the tree.
- B. Leave — the tree should remain in stand for a good reason.
- C. Deadened — Undesirable tree, not merchantable or beneficial to wildlife, should be deadened or cut down and left in woods

Tree Number	Species	DBH	Logs	Category
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

**HAND COMPASS**

COLORS FOR HAND COMPASS
1. GREEN
2. PINK
3. YELLOW
4. RED
5. BLUE
6. BLUE & WHITE
7. RED & WHITE
8. WHITE
9. ORANGE
10. ORANGE & WHITE

1 Azimuth Bearing \_\_\_\_\_  
Distance \_\_\_\_\_

2 Azimuth Bearing \_\_\_\_\_  
Distance \_\_\_\_\_

3 Azimuth Bearing \_\_\_\_\_  
Distance \_\_\_\_\_

4 Azimuth Bearing \_\_\_\_\_  
Distance \_\_\_\_\_

5 Azimuth Bearing \_\_\_\_\_  
Distance \_\_\_\_\_

6 Azimuth Bearing \_\_\_\_\_  
Distance \_\_\_\_\_

7 Azimuth Bearing \_\_\_\_\_  
Distance \_\_\_\_\_

8 Azimuth Bearing \_\_\_\_\_  
Distance \_\_\_\_\_

9 Azimuth Bearing \_\_\_\_\_  
Distance \_\_\_\_\_

10 Azimuth Bearing \_\_\_\_\_  
Distance \_\_\_\_\_