

NATIONAL WILDERNESS PRESERVATION SYSTEM

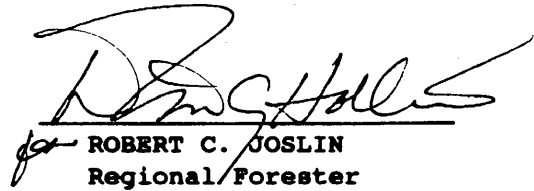
POND MOUNTAIN WILDERNESS

CHEROKEE NATIONAL FOREST

I hereby certify that the legal descriptions and map herewith represent the location of the exterior boundary of the Pond Mountain Wilderness, Unaka and Watauga Ranger Districts, Cherokee National Forest, Southern Region, June 10, 1993, as entered in the National Wilderness Preservation System by the Tennessee Wilderness Act of 1986, PL 99-555, October 16, 1986.

Signed

1/6/95
Date


ROBERT C. JOSLIN
Regional Forester

POND MOUNTAIN WILDERNESS
BOUNDARY DESCRIPTION

The Pond Mountain Wilderness is located in the Cherokee National Forest, Unaka and Watauga Ranger Districts, Carter County, Tennessee. Being bounded generally on the north and west by U.S. Highway No. 321 and State Highway No. 67, on the east by Forest Development Road No. 39, on the south by Forest Development Road No. 50. The Pond Mountain Wilderness, was entered into the National Wilderness Preservation System by the Tennessee Wilderness Act of 1986, Public Law 99-490, October 16, 1986.

The Wilderness Boundary is delineated on the U.S.G.S. 1:24,000 scale 7 1/2 minute Tennessee quadrangles Elizabethton, Tenn., 1959 Base Map, 1988 Correction Guides, Watauga Dam, Tenn., 1960 Base Map, 1988 Correction Guides. (Modified for USDA Forest Service use). Where actual field survey bearings and distances were not available, courses were digitized from the Tennessee State Plane Rectangular Coordinate System TN (4100), using the above named quadrangles, and therefore should be considered approximate. Survey bearings are based on True North and digitized bearings are based on Grid North.

BEGINNING at Point #1, which is Corner 1 of USA Tract #356c;

Thence with the following courses:

1. N69°32'E, 455.40 feet (deed) to Corner 17, of USA Tract #U-356c,
2. N57°49'E, 300.48 feet (digitized) to the intersection of said tract boundary between corners 17 and 16 and a line 150 feet southwesterly of and parallel to the centerline of a Tennessee Valley Authority Powerline. Then along the line 150 feet southwesterly of and parallel to the centerline of Tennessee Valley Authority Powerline:

1. S57°35'E, 244 feet (digitized)
2. S32°31'E, 2,139 feet (digitized) to Point #2,
a point at the intersection of said 150 foot offset line and a line 66 feet west of and parallel to the centerline of Forest Development Road No. 39 (Little Stony Creek Road);

Thence in a southerly direction 774 feet (digitized) along a line 66 feet west of and parallel to the centerline of Forest Development Road NO. 39 to Point #3, a point at the intersection of said 66 foot offset line and a line 66 feet northeast of the northeastern permit boundary of special use recreation residence No. 2 on the west side of (FDR) No.39;

Thence meandering along the 66 foot offset line parallel to the recreation residence permit boundary the following courses:

1. N62°00'W, 80 feet (Residence No. 2);
2. S48°00'W, 227 feet (Residence No. 2);
3. S09°00'E, 146 feet (Residence No. 2);
4. N78°00'E, 104 feet (to a point for Residence No. 1 boundary);
5. S33°30'W, 144 feet (Residence No. 1);
6. S75°00'W, 204 feet (Residence No. 1);
7. N52°00'E, 28 feet to Point #4, a point at the intersection of the 66 foot offset line for the recreation residence permit boundary and a line 66 feet west of and parallel to the centerline of Forest Development Road No. 39;

Thence in a southeasterly direction 9,483 feet (digitized) along a line 66 feet west of and parallel to the centerline of Forest Development Road No. 39 to Point #5, a point at the intersection of said 66 foot offset line and the northwest boundary between corners 13 and 1 of Exception #1 of USA Tract #U-362a;

Thence continuing in a southeasterly direction 3,939 feet (digitized) along the line 66 feet westerly of and parallel to the centerline of Forest Development Road No. 39 to Point #6, a point at the intersection of said 66 foot offset line and the south boundary between corners 9 and 10 of Exception #1 of USA Tract #U-362a;

Thence continuing in a southeasterly direction 4,444 feet (digitized) along the line 66 feet southwesterly of and parallel to the centerline of Forest Development Road No. 39 to Point #7, a point at the intersection of said 66 foot offset line and the boundary between corners 5 and 4 of USA Tract #U-362a;

Thence along the boundary of USA Tract #U-362a with the following courses:

1. S08°06'W, 900 feet (digitized) to corner 4;
2. N87°49'W, 3,594.36 feet (deed) to corner 3;
3. S04°11'W, 874.50 feet (deed) to Point #8, a point which is corner 2 of USA Tract #U-362a and also corner 1 of USA Tract #U-997;

Thence along the east boundary of USA Tract #U-997, S00°15'W (deed), 981 feet (digitized) to Point #9, a point at the intersection of the east boundary of USA Tract #U-997 between corners 1 and 2, and a line 66 feet north of and parallel to the centerline of Forest Development Road No. 50, Carter County Road No. 50;

Thence in a generally westerly direction 14,540 feet (digitized) along the line 66 feet northerly of and parallel to the centerline of Forest Development Road No. 50 to Point #10, a point at the intersection of said 66 foot offset line and the boundary between corners 17 and 1 of USA Tract #U-62a;

Thence along the boundary of USA Tract #U-62a with the following courses:

1. N01°48'E, (deed), 113 feet (digitized) to Corner 1;
2. N87°44'W, 1,754.94 feet (deed) to Corner 2;
3. N87°14'W, 1,032.90 feet (deed) to Corner 3;
4. S27°41'E, 887.70 feet (deed) to Corner 4;
5. S77°21'W, 202.62 feet (deed) Meander Point;
6. S58°26'W, 49.50 feet (deed) M.P.;
7. N70°26'W, 104.94 feet (deed) M.P.;
8. N55°11'W, 163.68 feet (deed) M.P.;
9. N80°11'W, 165.00 feet (deed) M.P.;
10. S67°17'W, 93.72 feet (deed) M.P.;
11. N68°34'W, 164.34 feet (deed) M.P.;
12. N24°43'W, 139.92 feet (deed) M.P.;
13. N51°02'W, 117.48 feet (deed) a point at mouth of small drain;
14. S62°22'W, 241.56 feet (deed) M.P.;
15. S44°31'W, 163.68 feet (deed) M.P.;
16. S29°25'W, 112.86 feet (deed) M.P.;
17. S24°27'W, 153.12 feet (deed) to corner 5 which is also in the Loss Hollow Branch;

18. N29°10'W, 416.46 feet (deed) to Corner 6;
19. S62°43'W, 1,336.50 feet (deed) to Corner 7;
20. N43°30'W, 433.62 feet (deed) to Corner 8;
21. N45°16'E, 807.18 feet (deed) to Corner 9;
22. N38°55'W, 1,123.32 feet (deed) to Point #11, which is corner 10 of USA Tract #U-62a and Corner 26 of USA Tract #U-362a, and also Corner 16 of USA Tract #U-59;

Thence along the boundary of USA Tract #U-59 and Little Pond Mountain Ridge with the following digitized courses:

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|-----------------------|--|
| 1. S64°53'W, 186 feet | 8. S73°16'W, 125 feet |
| 2. S60°31'W, 143 feet | 9. S72°34'W, 141 feet |
| 3. S73°55'W, 152 feet | 10. S68°10'W, 86 feet |
| 4. S64°03'W, 156 feet | 11. S77°35'W, 84 feet |
| 5. S72°11'W, 111 feet | 12. S81°50'W, 142 feet |
| 6. S76°07'W, 142 feet | 13. N81°00'W, 89 feet |
| 7. S67°08'W, 124 feet | 14. N67°25'W, 67 feet to <u>Point #12</u> , a point which is corner 18 of USA Tract #U-59 and Corner 1 of USA Tract #U-941b; |

Thence along the boundary of USA Tract #U-941b, S55°30'W, 917.40 feet (deed) to Point #13, a point which is Corner 2 of USA Tract #U-941b;

Thence S55°30'W, 98.4 feet (digitized) to Point #13A, which is Corner 11 of USA Tract #U-941b;

Thence along the boundary of USA Tract #U-941b with the following deed courses on the crest of Black Mountain:

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| 1. S55°30'W, 592.02 feet to Corner 12; | 8. S48°45'W, 67.32 feet; |
| 2. S48°17'W, 109.56 feet; | 9. S68°04'W, 147.84 feet; |
| 3. S42°48'W, 182.16 feet; | 10. S87°24'W, 96.36 feet; |
| 4. S69°34'W, 55.44 feet; | 11. N85°05'W, 59.40 feet; |
| 5. S86°02'W, 81.18 feet; | 12. N83°16'W, 123.42 feet; |
| 6. N82°00'W, 88.44 feet; | 13. N81°23'W, 75.24 feet; |
| 7. S72°32'W, 118.14 feet; | 14. N88°16'W, 161.70 feet; |
| | 15. S61°39'W, 111.54 feet to <u>Point #14</u> , a point which is Corner 13 of USA Tract #U-941b and Corner 104 of USA Tract #U-62; |

Thence continuing along the boundary of USA Tract #U-941b with the following deed courses along the crest of Black Mountain:

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|---------------------------|----------------------------|
| 1. S86°04'W, 125.40 feet; | 13. N65°24'W, 102.30 feet |
| 2. N73°32'W, 166.32 feet; | 14. N86°12'W, 71.28 feet; |
| 3. S88°27'W, 106.92 feet; | 15. N80°40'W, 104.94 feet; |
| 4. N88°44'W, 59.40 feet; | 16. N57°27'W, 112.20 feet; |
| 5. N55°35'W, 99.00 feet; | 17. N75°34'W, 70.62 feet; |
| 6. N70°34'W, 87.78 feet; | 18. N69°40'W, 83.82 feet; |
| 7. N50°56'W, 64.02 feet; | 19. N54°09'W, 114.18 feet; |
| 8. S72°50'W, 100.98 feet; | 20. N61°39'W, 121.44 feet; |

9. N83°31'W, 91.74 feet;
10. S59°11'W, 67.98 feet;
11. S84°57'W, 79.20 feet;
12. N78°52'W, 38.28 feet;

21. N54°13'W, 145.20 feet to Point #15, a point which is Corner 14 of USA Tract #U-941b and Corner 105 of USA Tract #U-62;

Thence continuing along the boundary of USA Tract #U-941b with the following deed courses on the crest of Black Mountain:

1. N62°21'W, 107.58 feet;
2. N23°34'W, 70.62 feet;
3. N14°10'E, 99.66 feet;
4. N14°43'W, 99.66 feet;
5. N34°18'W, 119.46 feet;
6. N13°16'W, 141.90 feet;
7. N71°12'W, 157.08 feet;
8. N21°03'W, 689.70 feet;
9. N02°59'E, 91.74 feet;
10. N30°36'W, 95.70 feet;
11. N10°00'W, 92.40 feet;
12. N24°44'E, 96.36 feet;

13. N16°08'W, 103.62 feet;
14. N58°26'W, 277.86 feet;
15. N55°56'W, 67.98 feet;
16. N08°03'W, 91.08 feet;
17. N03°11'E, 543.18 feet;
18. N52°09'W, 116.16 feet;
19. N24°42'W, 363.66 feet;
20. N74°18'W, 81.84 feet;
21. N73°53'W, 168.30 feet;
22. N85°25'W, 315.48 feet;
23. N66°05'W, 232.32 feet;
24. N35°55'W, 130.68 feet;
25. N84°48'W, 338.56 feet (digitized) to Point #16, a point at the intersection of the boundary line between corners 14 and 15 of USA Tract #U-941b and a line 66 feet northeasterly of and parallel to the centerline of Forest Development Road No. 50 and County Road No. 50 (Dennis Cove Road);

Thence along the line 66 feet northeasterly of and parallel to the centerline of FDR No. 50 and Carter County Road No. 50 (Dennis Cove Road) with the following digitized courses:

1. N10°47'W, 31 feet;
2. N35°11'W, 61 feet;
3. N60°14'W, 63 feet;
4. N85°07'W, 64 feet to Point #17, a point at the intersection of said 66 foot offset line and the crest of an unnamed spur ridge on the northwest side of Black Mountain;

Thence in a northerly direction along the crest of said ridge, crossing Laurel Fork and up the southwest crest of Pond Mountain with the following digitized courses:

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| 1. N77°15'W, 45 feet; | 20. N18°46'W, 90 feet; |
| 2. N61°15'W, 46 feet; | 21. N07°02'W, 102 feet; |
| 3. N52°52'W, 33 feet; | 22. N15°37'W, 48 feet; |
| 4. N45°33'W, 67 feet; | 23. N06°48'W, 79 feet; |
| 5. N34°37'W, 57 feet; | 24. N06°23'W, 56 feet; |
| 6. N40°10'W, 70 feet; | 25. N20°14'W, 56 feet; |
| 7. N30°25'W, 55 feet; | 26. N11°34'W, 64 feet; |
| 8. N39°29'W, 51 feet; | 27. N06°01'W, 59 feet; |
| 9. N26°49'W, 52 feet; | 28. N02°03'E, 129 feet; |

10. N24°43'W, 75 feet;
 11. N28°29'W, 75 feet;
 12. N23°38'W, 64 feet;
 13. N22°03'W, 60 feet;
 14. N23°25'W, 89 feet;
 15. N20°32'W, 74 feet;
 16. N13°43'W, 54 feet;
 17. N19°07'W, 59 feet;
 18. N21°07'W, 98 feet;
 19. N16°22'W, 68 feet;

29. N08°49'E, 85 feet;
 30. N18°04'E, 86 feet;
 31. N33°14'E, 66 feet;
 32. N30°04'E, 247 feet;
 33. N32°53'E, 129 feet;
 34. N33°38'E, 108 feet;
 35. N32°51'E, 121 feet;
 36. N42°28'E, 138 feet;
 37. N32°06'E, 81 feet;
 38. N39°38'E, 78 feet;
 39. N46°19'E, 218 feet to Point #18, a point which is Corner 49 of USA Tract #U-941b and Corner 1 of USA Tract #U-1182;

Thence along the boundary of USA Tract #U-941b with the following three deed courses:

1. S35°26'E, 613.80 feet to Corner 50 of USA Tract #U-941b and Corner 8 of USA Tract #U-1182;
2. N62°49'E, 1,036.00 feet to Point #19, a point on a boundary line of USA Tract #U-941b and Corner 7 of USA Tract #U-1182;
3. N62°49'E, 1,000.10 feet to Point #20, a point which is Corner 51 of USA Tract #U-941b and Corner 19 of USA Tract #U-59;

Thence N64°53'E, 3,764 feet (digitized) along the boundary of USA Tract #U-59 to Point #21, a point which is Corner 1 of USA Tract #U-59 and Corner 2 of USA Tract #U-478;

Thence along the boundary of USA Tract #U-478 the following courses:

1. N23°58'W, 1,106.82 feet (deed) to Corner 3;
2. N31°10'W, 99.66 feet (deed) to Corner 4 in Shook Branch; then along the meanders of Shook Branch
3. N49°21'E, 41 feet (digitized)
4. N23°16'E, 57 feet (digitized)
5. N40°07'E, 273 feet (digitized)
6. N07°33'E, 162 feet (digitized)
7. N09°07'E, 93 feet (digitized)
8. N59°10'E, 107 feet (digitized)
9. N06°06'E, 144 feet (digitized)
10. N01°01'E, 139 feet (digitized)
11. N11°58'W, 242 feet (digitized)
12. N07°42'W, 268 feet (digitized)
13. N35°38'E, 114 feet (digitized)
14. N28°14'W, 116 feet (digitized)
15. N38°22'E, 141 feet (digitized)
16. N18°35'W, 196 feet (digitized)
17. S87°26'E (deed), 458 feet (digitized) to Point #22, which is Corner 5 of USA Tract #U-1068, Corner 2 of USA Tract #U-1095, and in line between Corners 5 and 6 of USA Tract #U-478;

Thence along boundary of USA Tract #U-1068 the following courses:

1. N35°44'E, 412.06 feet (deed) to Corner 6;
2. S41°02'E, 883.00 feet (deed) to Point #23, which is Corner 1 of USA Tract #U-1068 and Corner 3 of USA Tract #U-1096;

Thence N59°05'E, 165.00 feet (deed) along the boundary of USA Tract #U-1096 to Corner 2 of said tract and then N59°05'E, 19 feet (digitized) along boundary of USA Tract #U-478 between Corners 8 and 9 to Point #24, a point at the intersection of the boundary of USA Tract #U-478 between Corners 8 and 9 and a line 150 feet southwest of and parallel to the centerline of a Tennessee Valley Authority Powerline;

Thence along the line 150 feet southwesterly and southeasterly of and parallel to the centerline of TVA powerline with the following courses:

1. S63°44'E, 871 feet (digitized);
2. N31°25'E, 425 feet (digitized) to Point #25, a point at the intersection of said 150 foot offset line and the boundary of USA Tract #U-478 between Corners 11 and 12;

Thence along the boundary of USA Tract #U-478 the following courses:

1. N59°25'E (deed), 845 feet (digitized) to Corner 12 an automobile axle in a mound of stones in west edge of Rat Branch;

then with the meanders down the center thread of Rat Branch

2. N72°23'E, 79 feet (digitized)
3. N24°03'E, 65 feet (digitized)
4. N24°58'W, 153 feet (digitized)
5. N12°58'W, 121 feet (digitized)
6. N55°12'W, 186 feet (digitized)
7. N00°13'E, 76 feet (digitized) to Point #26, a point at the intersection of the boundary of USA Tract #U-478 between Corners 12 and 13 and a line 150 feet southeasterly of and parallel to the centerline of the TVA powerline;

Thence along a line 150 feet southeasterly of and parallel to the centerline of the TVA powerline with the following courses:

1. N31°25'E, 1,764 feet (digitized)
2. N31°27'E, 394 feet (digitized) to Point #27, a point at the intersection of the boundary between Corners 3 and 4 of an 8.9 acre exception of USA Tract #U-946, (Tract No. 38) and said 150 foot offset line;

Thence along the boundary of the 8.9 acre exception with the following courses:

1. N85°57'E, 330 feet (digitized);
2. N10°31'W, 214 feet (deed);
3. N00°21'E, 202 feet (digitized);
4. N89°47'W, 25 feet (digitized) to Point #28, a point at the intersection of the boundary of the 8.9 acre exception between Corners 8 and 1 and the line 150 feet southeasterly of and parallel to the centerline of the TVA powerline;

Thence along the line 150 feet southeasterly of and parallel to the centerline of the TVA powerline with the following courses:

1. N31°25'E, 224 feet (digitized);
2. N76°25'E, 3,889 feet (digitized);
3. N59°06'E, 6,069 feet (digitized) to Point #29, a point at the intersection of said 150 foot offset line and the boundary of USA Tract #U-946;

Thence along the boundary of USA Tract #U-946 with the following courses:

1. S49°18'E, 278 feet (digitized);
2. S45°24'E, 253 feet (digitized);
3. S29°14'E, 155 feet (digitized) to Point #30, which is Corner 2 of USA Tract #U-356c;

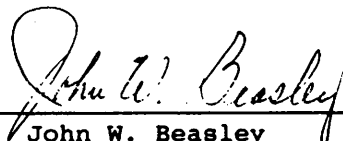
Thence along the boundary of USA Tract #U-356c, S22°43'E, 743.16 feet (deed) to Corner 1 and Point #1, THE POINT OF BEGINNING.

The Pond Mountain Wilderness Area containing in aggregate 6,929 Acres more or less as digitized from the above named quadrangle maps.

Acreage Summary

Unaka Ranger District	2,115 Acres
Watauga Ranger District	<u>4,814 Acres</u>
Total	6,929 Acres

Certified by


John W. Beasley
Regional Land Surveyor