

NATIONAL WILDERNESS PRESERVATION SYSTEM

JOYCE KILMER-SLICKROCK WILDERNESS

NANTAHALA AND CHEROKEE NATIONAL FORESTS

I hereby certify that the legal description and map herewith represent the location of the boundary of the Joyce Kilmer-Slickrock Wilderness on the Nantahala and Cherokee National Forests as covered into the National Wilderness Preservation System by the Act of January 3, 1975.

Signed

Amman E. Board

Mar. 1, 1976

BOUNDARY DESCRIPTION

JOYCE KILMER-SLICKROCK WILDERNESS

The Joyce Kilmer-Slickrock Wilderness is located entirely within the Cherokee National Forest, Monroe County, Tennessee, and the Nantahala National Forest, Graham County, North Carolina. All bearings and distances were determined by digitized values taken from U.S.G.S. quadrangles. Azimuths were originally obtained from true North by digitized information and then converted to bearings expressed in degrees and decimals thereof, except a portion along the southeastern area which is an on-the-ground transit survey. The transit bearings are referred to the true meridian as determined by a solar observation and thus are expressed in degrees and minutes.

Beginning at Class A Corner No. 566, a concrete monument with a 3-inch bronze cap, stamped CA 566, at the intersection of the Tennessee and North Carolina State line located at approximate Latitude $35^{\circ} 22.3' N$ and Longitude $84^{\circ} 00.5' W$;

thence descending northerly from the top, along the ridge with the Unicoi Mountain and the Tennessee-North Carolina State Line, to Cherry Log Gap, the following courses:

N 64.4° W, 0.059 mile,
N 66.7° W, 0.275 mile,
N 20.9° E, 0.138 mile,
N 20.0° W, 0.225 mile,
N 4.8° E, 0.069 mile to Cherry Log Gap;

thence continuing along the top of the ridge with the North Carolina and Tennessee State Line to Chestnut Knob the following courses:

N 16.7° W, 0.066 mile,
N 38.0° W, 0.135 mile,
N 6.6° E, 0.043 mile,
N 26.4° E, 0.372 mile,
N 1.7° W, 0.050 mile to the top of Chestnut Knob;

thence descending northwesterly along the top of the ridge with the North Carolina and Tennessee State Line to Glenn Gap the following courses:

N 30.2° W, 0.029 mile,
N 59.8° W, 0.142 mile,
S 78.6° W, 0.067 mile,
N 55.2° W, 0.039 mile,
N 23.0° W, 0.047 mile to Glenn Gap;

thence ascending northerly along the top of the ridge with the North Carolina and Tennessee State Line through Rockstack to Harrison Gap the following courses:

N 9.3° W, 0.342 mile,
N 63.2° W, 0.245 mile,

N 56.6° W, 0.045 mile,
N 25.6° E, 0.280 mile,
N 43.2° W, 0.069 mile,
N 15.8° W, 0.042 mile,
N 11.6° E, 0.115 mile to Harrison Gap;

thence in a northerly and northwesterly direction from Harrison Gap to Big Fodderstack the following courses:

N 10.0° W, 0.046 mile,
N 28.2° W, 0.172 mile,
N 16.4° W, 0.169 mile, here leaving the Tennessee-North Carolina State Line and continuing into Tennessee along the ridge

N 70.2° W, 0.148 mile,
N 85.8° W, 0.083 mile to the top of Big Fodderstack Mountain, a triangulation station and Class A Corner No. 550, Elev. 4346 feet;

thence northeasterly along the Unicoi Mountain chain crest to Big Stack Gap the following courses:

N 8.4° E, 0.104 mile,
N 23.2° E, 0.185 mile,
N 31.5° E, 0.155 mile,
N 11.6° W, 0.104 mile,
N 5.3° E, 0.033 mile to Big Stack Gap;

thence northerly and northeasterly along the Unicoi Mountain chain crest the following courses to Little Fodderstack:

N 17.4° E, 0.138 mile,
N 39.6° E, 0.077 mile,
N 68.3° E, 0.044 mile,
N 56.2° E, 0.052 mile,
N 42.3° E, 0.192 mile,
N 48.8° E, 0.082 mile,
N 43.3° E, 0.125 mile,
N 22.3° E, 0.264 mile,
N 51.2° W, 0.060 mile,
N 32.5° W, 0.119 mile,
N 62.0° W, 0.061 mile,
N 2.9° W, 0.171 mile,
N 18.1° W, 0.205 mile,
N 12.7° E, 0.088 mile,
N 17.8° E, 0.366 mile,
N 9.0° E, 0.041 mile,
N 3.5° W, 0.063 mile,
N 8.8° W, 0.064 mile,
N 12.0° E, 0.187 mile to the top of Little Fodderstack Mountain a triangulation station marked Haw-Knob No. 2, Elev. 3723 feet;

thence northwesterly the following courses along the mountain crest:

N 2.5° W, 0.061 mile,
N 8.7° W, 0.063 mile,
N 16.1° W, 0.110 mile,
N 31.8° W, 0.094 mile,
N 40.7° W, 0.040 mile,
N 29.2° W, 0.131 mile,
N 11.5° W, 0.051 mile,
N 12.1° E, 0.110 mile to the top of a ridge and triangulation
station LR 368, Elev. 3125 on the top of a point of the Unicoi
Mountain chain;

thence descending a spur ridge northeasterly the following courses to
Stiffknee Top:

N 9.7° E, 0.077 mile,
N 46.3° E, 0.205 mile,
N 70.5° E, 0.044 mile,
S 66.5° E, 0.031 mile,
N 84.2° E, 0.064 mile,
S 87.9° E, 0.063 mile,
N 62.8° E, 0.032 mile to Stiffknee Top;

thence descending in an easterly direction the ridge dividing the
watershed of Little Slickrock Creek and Low Down Branch to the
center of Slickrock Creek, south of the junction where it enters
the Little Tennessee River, the following courses:

S 81.1° E, 0.061 mile,
N 87.7° E, 0.029 mile,
S 78.9° E, 0.102 mile,
S 67.6° E, 0.063 mile,
S 59.6° E, 0.110 mile,
S 89.4° E, 0.035 mile,
N 47.3° E, 0.061 mile,
S 80.7° E, 0.042 mile,
N 78.7° E, 0.052 mile,
S 81.5° E, 0.054 mile,
N 70.5° E, 0.040 mile,
N 84.5° E, 0.056 mile,
N 55.1° E, 0.049 mile,
N 84.0° E, 0.029 mile,
S 77.9° E, 0.106 mile,
S 71.9° E, 0.074 mile,
N 85.8° E, 0.123 mile,
N 72.5° E, 0.045 mile,
S 79.7° E, 0.055 mile,
N 86.8° E, 0.187 mile,

N 59.3° E, 0.038 mile,
 N 33.8° E, 0.130 mile,
 N 63.4° E, 0.036 mile,
 N 80.3° E, 0.045 mile,
 S 87.6° E, 0.099 mile,
 S 68.3° E, 0.067 mile,
 N 83.7° E, 0.114 mile,
 S 78.2° E, 0.019 mile,
 S 52.2° E, 0.135 mile,
 S 66.6° E, 0.058 mile,
 S 79.8° E, 0.071 mile,
 N 82.9° E, 0.315 mile,
 S 82.8° E, 0.052 mile,
 S 65.5° E, 0.096 mile,
 S 84.4° E, 0.085 mile,
 N 78.8° E, 0.336 mile to the center of Slickrock Creek and its
 intersection with the Little Tennessee River, at Elev. 1086, which
 is the normal pool elevation of the lake, on the shoreline of
 Calderwood Reservoir approximately 1.825 miles downstream from
 Cheoha Dam;

thence N 74.4° E, 0.085 mile to a point on Hangover Lead Ridge;

thence southeasterly up Hangover Lead passing through two aluminum pipes
 with aluminum caps stamped Wilderness Boundary 9-1975 into Yellow-
 hammer Gap, the following courses:

S 19.8° E, 0.195 mile,
 S 1.8° E, 0.153 mile,
 S 21.3° W, 0.132 mile,
 S 33.6° W, 0.180 mile,
 S 29.6° W, 0.098 mile,
 S 28.0° E, 0.106 mile,
 S 7.4° E, 0.044 mile,
 S 41.3° W, 0.067 mile,
 S 49.6° W, 0.060 mile,
 S 21.5° W, 0.067 mile,
 S 30.7° W, 0.120 mile,
 S 3.5° W, 0.080 mile into Yellowhammer Gap;

thence from Yellowhammer Gap southerly along the top of Hangover Lead
 the following courses to TVA Station LR 367:

S 9.0° E, 0.070 mile,
 S 23.1° W, 0.058 mile,
 S 5.6° W, 0.209 mile,
 S 34.6° W, 0.239 mile,
 S 10.7° W, 0.108 mile,

S 1.9° E, 0.206 mile,
S 13.7° E, 0.069 mile,
S 8.4° W, 0.196 mile,
S 35.3° W, 0.202 mile,
S 18.7° W, 0.137 mile to Station LR 367, a 1" x 1" angle iron 0.3 feet
above the ground witnessed by a 12-inch oak S 20° W, 2.4 feet; 14-inch
oak S 45° W, 28.5 feet; 18-inch red oak N 20° E, 20.65 feet, at
Elev. 3252 feet,

S 6.5° E, 0.121 mile,
S 41.2° W, 0.204 mile to the top of Cold Springs Knob,
S 15.0° W, 0.078 mile,
S 2.2° E, 0.249 mile, to Big Fat Gap;

thence ascending along the top of Hangover Lead the following courses:

S 6.9° W, 0.152 mile,
S 29.1° W, 0.043 mile
S 38.5° W, 0.136 mile,
S 3.6° W, 0.060 mile,
S 19.6° E, 0.074 mile,
S 7.2° E, 0.113 mile,
S 16.0° E, 0.081 mile,
S 0.7° E, 0.060 mile,
S 10.4° W, 0.126 mile,
S 32.9° E, 0.167 mile,
S 15.8° E, 0.100 mile,
S 41.5° E, 0.117 mile,
S 16.6° E, 0.220 mile,
S 12.8° E, 0.184 mile,
S 11.1° W, 0.128 mile,
S 10.1° E, 0.048 mile,
S 36.0° E, 0.174 mile to the top of Hangover Lead and the TVA
triangulation Station Hangover;

thence S 16.2° W, 0.266 mile to Saddle Tree Gap;

thence S 14.9° W, 0.094 mile to the top of Hae Lead at a ridge junction
and a triangulation station Hae as indicated on the U.S.G.S. quad-
rangle sheet;

thence descending the ridge in an easterly and then southeasterly direction
the following courses:

S 70.3° E, 0.229 mile,
S 56.2° E, 0.048 mile,
S 46.2° E, 0.173 mile,
S 75.4° E, 0.099 mile,
N 86.4° E, 0.156 mile,
S 71.2° E, 0.041 mile,

S 89.4° E, 0.118 mile,
 S 89.8° E, 0.090 mile,
 N 83.1° E, 0.178 mile,
 S 80.0° E, 0.294 mile,
 N 82.7° E, 0.060 mile at a point where the ridge forks southeasterly
 and continue,
 S 33.2° E, 0.213 mile,
 S 17.5° E, 0.164 mile,
 S 41.3° E, 0.237 mile,
 S 11.2° E, 0.077 mile,
 S 13.4° E, 0.123 mile,
 S 4.1° E, 0.064 mile to Station LR 370, as established by the TVA,
 a 1" x 1" angle iron, 0.3 feet above the ground witnessed by a 20-
 inch hickory, S 73° W, 19.15 feet; 30-inch oak, S 32° E, 30.02 feet;

thence descending southeasterly along the top of the ridge the following courses:

Due south, 0.052 mile,
 S 61.1° E, 0.092 mile,
 S 47.1° E, 0.140 mile,
 S 78.1° E, 0.094 mile to a Forest Service aluminum pipe with aluminum
 cap stamped Wilderness Boundary 9-1975, witnessed by 12-inch chestnut
 oak N 72° W, 15.6 feet; 12-inch table mountain pine N 55° E, 14.5 feet;
 14-inch table mountain pine S 59° E, 12.7 feet:

thence descending southeasterly along top of ridge with transit survey
 and distances expressed in feet:

S 79° 05' E, 90.36',
 S 41° 01' E, 133.05',
 S 54° 00' E, 163.68',
 S 77° 22' E, 108.05',
 S 49° 21' E, 48.34',
 S 36° 59' E, 144.25',
 S 22° 19' E, 48.54',
 S 53° 11' E, 183.55',
 S 40° 44' E, 118.65',
 S 10° 21' E, 139.40',
 S 20° 10' W, 136.80',
 S 34° 13' W, 70.46',
 S 24° 22' W, 59.94',
 S 48° 19' W, 91.45',
 S 20° 36' W, 101.01',
 S 8° 34' E, 149.27',
 S 47° 25' E, 104.89',
 S 29° 36' E, 114.82',
 S 65° 38' E, 227.86',
 S 43° 55' E, 92.91',
 S 21° 43' W, 101.40',

N 50° 17' W, 93.57',
 N 81° 26' W, 131.56',
 S 53° 47' W, 136.40',
 S 10° 37' W, 71.22',
 S 39° 27' W, 52.50',
 S 77° 32' W, 99.07',
 S 51° 36' W, 119.75',
 S 38° 12' W, 121.55',
 S 70° 42' W, 61.81',
 S 44° 49' W, 116.95',
 S 10° 07' W, 110.08',
 S 10° 34' W, 126.83',
 S 6° 14' E, 86.51',
 S 2° 02' W, 136.65',
 S 36° 55' E, 149.19',
 S 57° 55' E, 86.05',
 S 34° 16' E, 61.49',
 S 64° 21' E, 127.82',
 S 83° 00' E, 172.57',
 S 53° 05' E, 77.36',
 S 60° 38' E, 67.08',
 S 63° 21' E, 56.12';

thence S 43° 55' E, 81.22' to a standard Forest Service 2" aluminum pipe with an aluminum cap stamped Wilderness Boundary 10-1975. Witnessed by a 5" white oak N 88° E, 11.80'; 4" white oak S 9° E, 10.20'; 8" scarlet oak S 63° W, 9.46';

thence S 2° 32' E, 125.05';

thence S 0° 15' W, 71.75' to a standard Forest Service 2" aluminum pipe with an aluminum cap stamped Wilderness Boundary 9-1975; on the north side of Little Santeetlah Creek, 115.02' west of the parking lot, at the end of Forest Service Road No. 416; latitude: 35° 21' 31" N, longitude: 83° 55' 48" W (latitude and longitude scaled from U.S.G.S. Santeetlah Creek quadrangle). Witnessed by a 10" yellow poplar N 80° W, 10.00'; 014" black birch N 22° W, 20.20'; a 14" white oak N 3° E, 11.50';

thence S 5° 30' W, 82.49' to a point on a standard Forest Service 2" aluminum pipe with an aluminum cap stamped Wilderness Boundary 9-1975; witnessed by a 10" birch N 74° E, 4.0'; 11" birch S 64° W, 16.9'; 16" yellow poplar N 51° W, 13.4';

thence with transit survey;

S 47° 20' E, 77.59',
 S 33° 52' E, 61.00',
 S 85° 26' E, 230.15'
 N 19° 19' E, 166.33'
 N 61° 05' E, 118.91',
 N 75° 43' E, 95.43';

thence S 71° 41' E, 95.11' to a point on a standard Forest Service 2" aluminum pipe with an aluminum cap stamped Wilderness Boundary 9-1975. Witnessed by a 5" sourwood N 78° E, 9.60'; 36" yellow poplar south 11.60'; 5" sourwood N 42° W, 2.35';

thence S 27° 05' E, 78.86' to a point on a standard Forest Service
aluminum pipe with an aluminum cap stamped Wilderness Boundary 9-1975.
Witnessed by a 5" white oak, north 13.20'; 9" sourwood south 20.50';

thence with transit survey:

S 0° 16' W, 201.94',
S 27° 14' E, 97.25',
S 20° 31' E, 215.89',
S 23° 18' E, 106.23',
S 17° 08' E, 260.59',
S 42° 41' E, 73.94';

thence S 61° 25' E, 38.62' to a point on a standard Forest Service 2"
aluminum pipe with an aluminum cap stamped Wilderness Boundary 9-1975.
Witnessed by a 8" sourwood N 24° W, 3.00'; 16" southern red oak
S 30° W, 6.20';

thence with transit survey:

S 5° 35' W, 189.05',
S 5° 09' W, 111.15',
S 19° 20' W, 148.26',
S 42° 44' W, 227.16',
S 45° 15' W, 199.68',
S 14° 08' W, 140.85',
S 9° 04' E, 188.70',
S 8° 42' E, 119.96',
S 15° 03' E, 270.36',
S 13° 26' E, 148.68',
S 16° 16' E, 195.81',
S 5° 40' W, 245.51',
S 4° 11' E, 188.87',
S 20° 00' W, 55.43';

thence S 34° 46' W, 25.56' to a point on a standard Forest Service 2"
aluminum pipe with an aluminum cap, stamped Wilderness Boundary 9-1975,
on a ridge separating the watersheds of Little Santeetlah Creek and
Santeetlah Creek. Witnessed by a 16" scarlet oak N 17° E, 4.80';
17" scarlet oak S 37° W, 3.10';

thence continuing with the computed bearings and distances as follows:
ascending Horse Cove Ridge with the top in a westerly direction to
Obadiah Gap the following courses:

S 81.8° W, 0.138 mile,
S 59.6° W, 0.161 mile,
S 67.8° W, 0.136 mile,
N 85.2° W, 0.141 mile,
N 64.9° W, 0.115 mile,
N 89.3° W, 0.166 mile,
S 79.9° W, 0.123 mile,
S 77.3° W, 0.115 mile,
N 84.6° W, 0.056 mile,
N 37.7° W, 0.153 mile,
N 83.5° W, 0.269 mile to Obadiah Gap;

thence ascending northwesterly along the top of Horse Cove Ridge to the highest point, which is TVA Station LR 369, the following courses:

N 45.5° W, 0.206 mile,
N 51.8° W, 0.326 mile to TVA Station LR 369, a 1" x 1" angle iron .5 feet above the ground at elevation 4060 feet;

thence ascending northwesterly on top of Horse Cove Ridge overlooking Wolf Laurel Branch to the south and Little Santeetlah Creek to the north, the following courses to Stratton Bald:

S 86.0° W, 0.170 mile,
N 64.1° W, 0.340 mile,
N 52.0° W, 0.183 mile,
N 21.8° W, 0.071 mile,
N 2.5° E, 0.079 mile,
N 37.8° W, 0.121 mile,
N 17.4° W, 0.112 mile,
N 77.1° W, 0.252 mile,
N 24.7° W, 0.045 mile, to a point on a standard Forest Service 2" aluminum pipe with an aluminum cap, stamped Wilderness Boundary 9-1975. Witnessed by a 9" northern red oak N 67° W, 8.0'; 20" northern red oak N 65° E, 27.0'; 14" northern red oak S 23° E, 34.0';

thence N 3.4° W, 0.154 mile,
N 42.2° W, 0.187 mile,
N 44.1° W, 0.171 mile,
N 43.3° W, 0.256 mile,
N 86.4° W, 0.097 mile,
N 49.4° W, 0.137 mile,
N 37.8° W, 0.207 mile at the intersection of a ridge northeast of Stratton Bald, a standard Forest Service 2" aluminum pipe with an aluminum cap stamped Wilderness Boundary 9-1975, witnessed by an 8" birch N 82° 30' W, 21.0 feet; 13" buckeye N 19° 30' E, 23.6'; 6" beech N 87° 30' E, 11.50';

thence continuing southwesterly and westerly on the top of the ridge S 50.9° W, 0.170 mile to a U. S. Geological Survey triangulation station, a drill hole in a chiseled triangle in a rock, 15' south of a large rock outcrop. Named Robbinsville #8 and indicated on the U. S. quadrangle, with an elevation of 5341';

thence continuing S 72.2° W, 0.569 mile to a PK nail in the point of a rock, witnessed by a 2" aluminum pipe with an aluminum cap, stamped Wilderness Boundary 9-1975, N 15° W, 13.40 feet; and a 22" forked northern red oak, N 13° 30' W, 173.00';

thence N 67.8° W, 0.187 mile,
S 79.8° W, 0.189 mile to the CA corner 566, the point of beginning.

Containing approximately 14,033 acres, more or less, as derived from digitized U.S.G.S. topographic maps.