

## SURVEY CONTROL DATA IN QUADRANGLE 200

A 125 (USC&GS, 1935; Yancey County, North Carolina)

Located about 3.2 miles west along U. S. Highways 19W and 23 from Ramsaytown, about 1.3 miles east of Lewisburg, about 800 feet south of the Charlie Bradford house, about 175 feet southwest of a barn, about 90 feet southwest of Cane River, 12 feet southwest of the highway, at a concrete culvert over Wildcat Branch, on the left bank, 10 feet west of the culvert, in the southwest headwall, 16 inches east of the west edge, and 4 feet lower than the highway. A standard tablet stamped "A 125 1935".

ELEVATION: 2264.261 feet or 690.148 meters (T-2)

A 135 (USC&GS, 1935; Yancey County, North Carolina)

Located at Murchison, about 1.3 miles south of Pensacola, at the junction of State Highway 197 and the Wilson Toll Road, 35 feet southeast of the junction, 10 feet east of the toll road, 15 feet southwest of a road to the Frank Wilson house, 33.4 feet south of a fence corner, 6.9 feet east of a power-transmission line pole, and 5 feet north of the Mt. Mitchell sign. A standard tablet stamped "A 135 1935" and set in the top of a concrete post.

ELEVATION: 2930.798 feet or 893.309 meters (T-2)

A 142 (USC&GS, 1935; Yancey County, North Carolina)

Located about 5.2 miles west along U. S. Highway 19E from Burnsville, on the Charlie Byrd property, at the intersection of the Price Creek road, about 100 feet south of Cane River service station, about 100 feet east of a sawmill, 70 feet south of the highway, 42 feet east of the road, 10.2 feet east of the northeast corner of a blacksmith shop, 6.1 feet south of the southeast corner of a 10- by 20-foot vat, and 2 feet west of a wire fence. A standard tablet stamped "A 142 1935" and set in the top of a concrete post.

ELEVATION: 2508.361 feet or 764.550 meters (T-2)

3113 ASH (USGS, 1899; Yancey County, North Carolina)

Located about 2.1 miles south along the Wilson Toll Road from the junction of State Highway 197 at Murchison, 0.4 miles north of the toll gate at Ekota, 70 yards south of a small house in the pine trees, 100 yards north of an old mill, 200 yards west of the center line of the road, 4 yards west of the center line of the old road, at the south end of a small pen, and in a large rock. A standard tablet stamped "3113 ASH".

Note: Searched for but not recovered, July, 1946.

ELEVATION: 3113.570 feet or 949.018 meters (T-2)

B 135 RESET (USC&GS, 1935; RESET, TVA, 1941; Yancey County, North Carolina)

Located about 1.2 miles south along the Wilson Toll Road from the junction of State Highway 197 at Murchison, on the Dolph Wilson property, about 250 feet northeast of a field on the west side of the road, 175 feet east of Cane River, 150 feet south of the point where the road breaks away from the river, 90 feet east of the road, 15 feet north of a drain on a hillside, 14.5 feet northeast of an 8-inch poplar tree, 3.4 feet east of a 4-inch poplar tree and in a rock outcrop. A standard TVA tablet stamped "B 135 1935 RESET 1941".

ELEVATION: 3001.326 feet or 914.806 meters (T-2)

B 142 (USC&GS, 1935; Yancey County, North Carolina)

Located about 2-1/2 miles east along U. S. Highway 23 and 19E from Bald Creek, thence 1.0 miles south along the Price Creek road, 225 feet northwest of Price Creek, 150 feet southwest of a T-road leading southeast at the foot of a steep hill, at the northeast corner of a woods, 125 feet southwest of a group of four haystacks, 35.4 feet northwest of a painted cross on a fence, 12 feet northwest of the road, and 2.2 feet northeast of a fence corner. A standard tablet stamped "B 142 1935" and set in the top of a concrete post.

ELEVATION: 2519.372 feet or 767.906 meters (T-2)

BIG BALD (USGS, 1934; Unicoi County, Tennessee, Yancey County, North Carolina)

Located on summit of mountain locally known as Big Bald, about 6-1/2 miles northwest of Big Bald Post Office, and about 4 miles northeast of English Post Office. To reach from English Post Office, drive north about 300 feet, turn right thru gate, go 0.85 miles, turn left 200 feet, leave car and follow road to deep gap, thence follow Appalachian Trail northeast about 3 miles to station. A standard tablet stamped "BIG BALD 1934" and cemented in rock.

Reference Mark 1: 15.3 feet Due North to mark.

Reference Mark 2: 36 feet N 85° E to mark.

Reference Mark 3: 7.65 feet S 30° E to mark.

GEODETIC POSITION: Lat. = 35°59'22.780"; Long. = 82°29'25.240" (G-3)

To Station	Azimuth	Back Azimuth	Log. Meters	Miles
Mill	172°17'18.5"	352°16'34.5"	4.145199	8.7
Flat Top	228 32 08.5	48 35 01.7	3.992801	6.1
Sampson	309 12 13.7	129 13 53.8	3.741032	3.4

GRID POSITION (TENN.): X = 3,038,086.2; Y = 600,173.5 (G-3)

GRID POSITION (N. C.): X = 967,613.7; Y = 833,263.7 (G-3)

ELEVATION: 5516 feet (T-5)

C 5 (USED, 1926; Yancey County, North Carolina)

Located about 3.4 miles west along U. S. Highways 19W and 23 from Ramsaytown, about 1.1 miles northeast of the mouth of Bald Mountain Creek at Lewisburg, on the right bank of the Cane River, about 0.2 miles upstream from a small bridge at the mouth of Wildcat Hollow, 12 feet south of the road, on a projecting rock ledge. A chiseled cross.

ELEVATION: 2271.475 feet or 692.347 meters (T-2)

C 6 (USED, 1926; Yancey County, North Carolina)

Located at Lewisburg, on U. S. Highways 19W and 23, at the intersection of the Bald Mountain road (State Highway 693), at the steel highway bridge at the mouth of Bald Mountain Creek, on the upstream side, and in the top of the right bank abutment. A chiseled cross in a circle.

ELEVATION: 2281.652 feet or 695.449 meters (T-2)

C 7 (USED, 1926; Yancey County, North Carolina)

Located about 1.8 miles northwest along U. S. Highway 19W and 23 from Higgins, about 1.3 miles south of Lewisburg, at the bridge over Cane River, and on the top of the middle pier on the downstream side. A chiseled cross in a circle.

ELEVATION: 2335.422 feet or 711.838 meters (T-2)

C 8 (USED, 1926; Yancey County, North Carolina)

Located about 1 mile northwest along U. S. Highways 19W and 23 from Higgins, on the right bank of Cane River, and on a rock ledge, about 2 feet higher than the surface of the highway. A chiseled cross in a circle, painted red.

ELEVATION: 2376.990 feet or 724.508 meters (T-2)

C 9 (USED, 1926; Yancey County, North Carolina)

Located about 0.5 miles south along U. S. Highway 19W and 23 from Higgins, about 0.2 miles downstream from the mouth of Higgins Branch, at the steel highway bridge over Cane River, on the downstream side, and in the top of the left bank abutment. A chiseled square.

ELEVATION: 2400.914 feet or 731.800 meters (T-2)

C 10 (USED, 1926; Yancey County, North Carolina)

Located about 1.2 miles southwest along U. S. Highway 19W and 23 from Higgins, about 1.2 miles northwest of Wampler, about 500 feet downstream from an old house and barn in the mouth of a hollow, on the left bank of Cane River, directly across the river from a dwelling house on the right bank, and on a rock ledge on the north side of the road. A chiseled cross.

ELEVATION: 2428.853 feet or 740.316 meters (T-2)

C 11 (USED, 1926; Yancey County, North Carolina)

Located about 2.3 miles southwest along U. S. Highways 19W and 23 from Higgins, at Wampler, on the left bank of Cane River, 20 feet downstream from a small bridge over Elk Shoal Creek, and on a point of a rock ledge projecting from the west side of the road. A chiseled cross painted red.

ELEVATION: 2446.012 feet or 745.546 meters (T-2)

C 12 (USED, 1926; Yancey County, North Carolina)

Located about 3.2 miles south along U. S. Highways 19W and 23 from Higgins, about 0.9 miles south of Wampler, about 0.2 miles upstream from the mouth of Langford Branch, 300 feet northeast of the mouth of a hollow on the left bank of Cane River, on the north side of the highway and on the top of a projecting rock. A chiseled cross.

ELEVATION: 2454.372 feet or 748.094 meters (T-2)

C 13 (USED, 1926; Yancey County, North Carolina)

Located about 1.1 miles downstream (north) from the mouth of Bald Creek, on the left bank of Cane River, on the west side of U. S. Highways 19W and 23, on the projecting point of a large rock. A chiseled cross.

ELEVATION: 2485.674 feet or 757.635 meters (T-2)

C 14 (USED, 1926; Yancey County, North Carolina)

Located 0.5 miles north of Cane River Post Office, 0.2 miles south of Cane River, at bridge over Hinton Creek, on State Highway 69, on east end, upstream side. Cross cut on steel anchor plate and painted red.

ELEVATION: 2489.8 feet (E-4)

C 15 (USED, 1926; Yancey County, North Carolina)

Located about 3.2 miles west along U. S. Highway 19E from Burnsville, at Riverside, at the bridge over Cane River, on the left bank of the river on the upstream side of the bridge, and in the concrete abutment. A chiseled cross in a circle.

ELEVATION: 2541.248 feet or 774.574 meters (T-2)

C 16 (USED, 1926; Yancey County, North Carolina)

Located at Burnsville Light and Power Company Dam on Cane River, on left bank of river, and 200 feet downstream from dam, on top of ledge of rock 8 feet wide and extending 25 feet along left bank, approximately 2 feet above low water. A chiseled cross painted red.

ELEVATION: 2542.7 feet (E-4)

C 17 (USED, 1926; Yancey County, North Carolina)

Located about 0.7 miles west along U. S. Highway 19E from Burnsville, about 200 feet southwest of a small store, at the intersection of a north-south road, and on the downstream end of a small culvert. A chiseled square painted red.

ELEVATION: 2704.949 feet or 824.470 meters (T-2)

C 18 (USED, 1926; Yancey County, North Carolina)

Located 1.2 miles southwest of Burnsville, at mouth of Bowlers Creek, and point where former Black Mountain Railroad left Cane River, 400 feet upstream from mouth of creek, at small wooden bridge, on left bank concrete abutment, upstream side. A chiseled cross.

ELEVATION: 2606.3 feet (E-4)

C 19 (USED, 1926; Yancey County, North Carolina)

Located at Concord station, 100 feet south of water tank, and at point where former Black Mountain Railroad turned west from highway, on ledge of rock 12 feet east of center line of railroad track. A chiseled cross.

ELEVATION: 2651.4 feet (E-4)

C 20 (USED, 1926; Yancey County, North Carolina)

Located 1 mile south of Dellinger station, 1000 feet south of milepost No. 16, 25 feet east from crest of right bank of Cane River, on projecting ledge 10 feet east of center line of former railroad track. A chiseled cross.

ELEVATION: 2694.9 feet (E-4)

C 21 (USED, 1926; Yancey County, North Carolina)

Located 2.9 miles north of Pensacola, on right bank of Cane River, 0.7 miles upstream from lumber chute on left bank, on large rock 10 feet west of center line of former railroad track. A chiseled cross.

ELEVATION: 2745.6 feet (E-4)

C 22 (USED, 1926; Yancey County, North Carolina)

Located 1.75 miles north of Pensacola, on right bank of Cane River, at upstream end of rock cut for railroad, on projecting point of rock, 12 feet east of center line of former railroad track. A chiseled cross.

ELEVATION: 2783.2 feet (E-4)

C 135 (USC&GS, 1935; Yancey County, North Carolina)

Located about 2.5 miles south along the Wilson Toll Road from the junction of State Highway 197 at Murchison, at the toll gate at Ekota, 14 yards east of the center line of the road, and in the northwest corner of the yard, on A. E. Wilson's property. A standard tablet stamped "C 135 1935" and set in the top of a concrete post.

ELEVATION: 3100.673 feet or 945.087 meters (T-2)

C 142 (USC&GS, 1935; Yancey County, North Carolina)

Located about 2-1/2 miles east along U. S. Highway 19E from Bald Creek, thence 2.0 miles south along the Price Creek-Indian Creek road, about 0.9 miles northeast of Paint Gap, on Mrs. Ida Austin's property, 160 feet southeast of the house, in the barnyard, 25.3 feet south of the southeast corner of the

barn, 23.7 feet northeast of a 10-inch (leaning) apple tree, 18 feet west of the center line of the road, 12 feet southwest of a gap gate, 8 feet north of a drain, and 4 feet north of a wooden fence. A standard tablet stamped "C 142 1935" and set in the top of a concrete post.

ELEVATION: 2576.005 feet or 785.168 meters (T-2)

#### COXCOMB (USGS, 1934; Yancey, Buncombe Counties, North Carolina)

Located on the highest point of Coxcomb Mountain. To reach from Burnsville, drive east on State Highway 19E for 7 miles, turn right on temporary Highway 695 and keep to main road for 16.7 miles to Cane River Gap, turn right and drive 4 miles up second-class road to small gap, leave car and walk northeast up old road about 1 mile to wide grassy gap known as Ogle Meadows, turn left and follow ridge about 0.5 miles to high wooded top and station. A standard tablet stamped "COXCOMB 1934" and cemented in solid rock.

Reference Mark 1: 18.7 feet to 1-inch drill hole in rock outcrop.

Reference Mark 2: 6.45 feet to 1-inch drill hole in rock outcrop.

GEODETIC POSITION: Lat. = 35°49'04.009"; Long. = 82°22'25.517" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Celo	251°12'16.8"	71°16'40.3"	4.076587	7.4
Mitchell	300 55 37.7	120 59 26.3	4.058628	7.1

GRID POSITION (TENN.): X = 3,074,873.2; Y = 538,908.3 (G-3)

GRID POSITION (N. C.): X = 999,959.6; Y = 769,542.9 (G-3)

ELEVATION: 5443 feet (T-5)

#### D 135 (USGS, 1935; Yancey County, North Carolina)

Located about 3.5 miles south along the Wilson Toll Road from the junction of State Highway 197 from Murchison, 0.3 miles southwest of the bridge over Sugar Camp Creek, in a small clear place, 7 yards east of the center line of the road, 3 feet higher than the road. A standard tablet stamped "D 135 1935" and set in the top of a concrete post.

ELEVATION: 3205.584 feet or 977.064 meters (T-2)

#### D 142 (USGS, 1935; Yancey County, North Carolina)

Located at Paint Gap, at the junction of the Indian Creek-Horton Creek roads, 20 feet southwest of the road junction, on the Mrs. Janie Higgin property, 50 feet west of the house, 58.3 feet east of the southeast corner of the Hubert England store, 32.3 feet north-northwest of the northeast corner of a garage and storehouse, and 3 feet southwest of a wire fence. A standard tablet stamped "D 142 1935" and set in the top of a concrete post.

ELEVATION: 2675.687 feet or 815.551 meters (T-2)

#### DEMOCRAT 2 (USGS, 1934; Yancey County, North Carolina)

Located on high part of the northeast end of Potato Hill, 5 feet east of the center of the trail to Deep Gap. Station is blaze in 12-inch balsam tree marked in crayon "6468" (no other large tree nearby).

GEODETIC POSITION: Lat. = 35°48'04.707"; Long. = 82°15'11.924" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Mitchell	14°48'58.0"	194°48'33.0"	3.623210	2.6
Horse Gap	288 39 34.1	108 42 50.3	3.949186	5.5

GRID POSITION (TENN.): X = 3,110,786.5; Y = 534,261.4 (G-3)

GRID POSITION (N. C.): X = 1,035,451.4; Y = 762,358.5 (G-3)

#### DEMOCRAT 3 (USGS, 1934; Yancey County, North Carolina)

Located about 0.5 miles south of Burnsville, on reservoir ridge. To reach from Mt. Mitchell camp for boys, follow up ridge to west to reservoir, thence southwest along ridge to top, a distance of about 0.25 miles from reservoir. Nail in the top of 18-inch long stake driven in the ground, under 2 foot gum tree. Stake is on the north side of the tree and 3.2 feet from its base.

Reference Mark is 1-inch drill hole in large rock N 87° E and 13.9 feet from point.

GEODETIC POSITION: Lat. = 35°54'32.430"; Long. = 82°17'52.244" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Phillips	181°47'41.0"	1°47'43.4"	3.506092	2.0
Celo	324 47 19.6	144 49 03.3	3.886058	4.8
Mitchell	349 32 51.4	169 34 00.3	4.211638	10.1

GRID POSITION (TENN.): X = 3,096,107.4; Y = 572,934.1 (G-3)

GRID POSITION (N. C.): X = 1,023,555.0; Y = 801,975.0 (G-3)

#### DEMOCRAT 4 (USGS, 1934; Yancey County, North Carolina)

Located on top locally known as Blevins Knob. To reach from Burnsville, drive 6 miles west on Highway 19, turn right on Highway 19W, drive 0.8 miles, turn right, drive 0.2 miles, take foot bridge across Cane River and follow trail to house of Monroe King, thence to top in rear of King's residence. A 1-inch drill hole in rock, under a 16-inch triangular blazed hickory tree.

GEODETIC POSITION: Lat. = 35°55'23.055"; Long. = 82°22'24.671" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Sampson	121°55'53.2"	301°53'26.6"	3.868967	4.6
Phillips	256 37 22.1	76 40 04.3	3.892617	4.4
Celo	304 49 06.2	124 53 29.5	4.137647	8.5

GRID POSITION (TENN.): X = 3,073,523.0; Y = 577,210.6 (G-3)

GRID POSITION (N. C.): X = 1,001,331.4; Y = 807,843.7 (G-3)

ELEVATION: 3212 feet (T-5)

#### DEMOCRAT 5 (USGS, 1934; Yancey County, North Carolina)

Located about 4 miles north of Burnsville, on a top about 2 miles N 50° W of Day Book Post Office. A spike in root, on southwest side of 18-inch oak tree.

GEODETIC POSITION: Lat. = 35°58'44.766"; Long. = 82°18'05.714" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Pig Pen Bluff	293°57'36.1"	113°59'28.5"	3.735930	3.3
Phillips	354 31 35.8	174 31 46.1	3.662074	2.9

GRID POSITION (TENN.): X = 3,094,036.1; Y = 598,388.5 (G-3)

GRID POSITION (N. C.): X = 1,023,296.0; Y = 827,512.1 (G-3)

ELEVATION: 2585 feet (T-5)

#### DEMOCRAT 7 (USGS, 1934; Yancey County, North Carolina)

Located about 6.5 miles south of Burnsville, on a top directly east of old residence of Big Tom Wilson. To reach from P. B. Wilson's store in Pensacola, follow left hand road, 1.5 miles to foot bridge leading to residence of Fred Hutchins, continue on foot past Hutchins residence, up ridge to southwest to top, about 3/4 miles. Nail in stake, under 14-inch blazed hickory

tree.

Reference Mark is a 1-inch drill hole in rock S 54° E and 17.1 feet from point.

GEODETIC POSITION: Lat. = 35°49'24.792"; Long. = 82°17'59.777" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Coxcomb	84°32'11.6"	264°29'36.1"	3.826170	4.2
Celo	235 20 41.6	55 22 29.5	3.749864	3.5
Mitchell	334 17 34.7	154 18 47.9	3.860027	4.5

GRID POSITION (TENN.): X = 3,096,663.9; Y = 541,827.1 (G-3)

GRID POSITION (N. C.): X = 1,021,901.8; Y = 770,907.6 (G-3)

#### DEMOCRAT 8 (USGS, 1934; Yancey County, North Carolina)

Located 5 miles southeast of Burnsville. To reach from Burnsville, drive east on Highway 19E, 2 miles to county home road (gravel), turn right and follow road 2.5 miles to 2nd Kyanite Mine on mountain, leave car and follow trail south by southwest 1000 feet, bearing right to top of ridge at old field, turn left at path along fence line, go 3000 feet to highest point on ridge, then turn left, following path and fence line to high point of ridge 2500 feet to most easterly of group of trees 150 feet east from highest point on ridge. Drill hole in rock 2.0 feet north of 10-inch oak tree, with nail in triangular 8-inch blaze on north side of tree.

GEODETIC POSITION: Lat. = 35°52'39.435"; Long. = 82°15'11.266" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Phillips	149°32'03.5"	329°30'31.4"	3.889975	4.8
Pig Pen Bluff	182 37 44.4	2 37 54.4	3.960904	5.7
Celo	351 57 39.9	171 57 49.1	3.451979	1.8

GRID POSITION (TENN.): X = 3,109,777.5; Y = 562,021.2 (G-3)

GRID POSITION (N. C.): X = 1,036,415.7; Y = 790,119.3 (G-3)

ELEVATION: 4859 feet (T-5)

#### DEMOCRAT 9 (USGS, 1934; Yancey County, North Carolina)

Located about 6.75 miles southwest of Burnsville, on a top about 1.75 miles southeast of Prices Creek. To reach from Cane River Post Office, follow main road 1.8 miles to road fork, turn left 2.25 miles to Prices Creek, take right hand road 2.25 miles to the residence of Bob Banks, continue on foot up ridge on log road to top. Nail in root of southeast side of 24-inch blazed locust tree.

Reference Mark is drill hole in large rock S 88° E from nail.

GEODETIC POSITION: Lat. = 35°49'31.746"; Long. = 82°22'24.829" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Coxcomb	1°09'28.5"	181°09'28.1"	2.931977	0.5
Paint Gap	138 01 23.1	317 58 58.3	3.967217	5.8

GRID POSITION (TENN.): X = 3,074,826.0; Y = 541,713.0 (G-3)

GRID POSITION (N. C.): X = 1,000,111.5; Y = 772,343.8 (G-3)

#### DEMOCRAT 10 (USGS, 1934; Yancey County, North Carolina)

Located about 4.5 miles southwest of Burnsville, on a top known locally as Austin Mountain. To reach from Cane River Post Office, follow road south about 0.15 miles to bridge and road fork, turn left 1.45 miles to second road fork turn right for 0.85 miles to John Hutchins, continue on foot to east past Walter Harris' residence then to residence of Ed Ray, continue up ridge to top. Nail in stake in ground centered 18 inches from base of lone blazed locust tree in cleared field.

Reference Mark is drill hole in soft rock 12.58 feet S 43° E from station.

GEODETIC POSITION: Lat. = 35°52'46.710"; Long. = 82°21'23.601" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Coxcomb	12°45'35.4"	192°44'59.1"	3.847410	4.4
Sampson	138 12 33.8	318 09 31.2	4.068406	7.3
Phillips	219 51 36.9	39 53 43.3	3.925452	5.2

GRID POSITION (TENN.): X = 3,079,130.8; Y = 561,599.6 (G-3)

GRID POSITION (N. C.): X = 1,005,816.9; Y = 791,874.3 (G-3)

ELEVATION: 3882 feet (T-5)

#### DEMOCRAT 11 (USGS, 1934; Madison-Yancey Counties, North Carolina)

Located about 4 miles west of Bald Creek, on first top south of Windy Gap. To reach from Bald Creek follow U. S. Highway 19 west for 3.4 miles to Windy Gap, continue on foot up ridge to south about 0.4 miles to top. Stake driven in ground on east side of 20-inch hickory tree, and 3.2 feet from its base (a blaze on base).

Reference mark is 1-inch drill hole in rock N03°E, 24.6 feet from nail.

GEODETIC POSITION: Lat. = 35°54'25.505"; Long. = 82°29'37.749" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Stony Knob	57°14'26.7"	237°13'20.8"	3.525147	2.1
Big Bald	181 57 31.7	1 57 39.0	3.962255	5.7

GRID POSITION (TENN.): X = 3,038,135.5; Y = 570,097.6 (G-3)

GRID POSITION (N. C.): X = 965,528.6; Y = 803,260.1 (G-3)

ELEVATION: 3843 feet (T-5)

#### DEMOCRAT 13 (USGS, 1934; Madison County, North Carolina)

Located 1 mile west of Buckner Post Office. To reach from Buckner Post Office, drive south on U. S. Highway 19 for 0.1 miles, turn right on second class road and drive 0.7 miles to home of D. E. Hensley, leave car and walk west about 600 feet passing through grassy field and on to woody ridge, turn left and walk about 3/4 mile to station, on property of D. E. Hensley. Drill hole in rock set in place under 25-inch triangular blazed white oak.

GEODETIC POSITION: Lat. = 35°52'01.103"; Long. = 82°29'53.582" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Nofat	6°02'09.3"	186°01'51.7"	3.859868	4.5
White Oak	42 08 30.2	222 04 47.7	4.153279	8.8
Paint Gap	245 37 29.8	65 39 27.9	3.744130	3.4

GRID POSITION (TENN.): X = 3,037,356.2; Y = 555,459.5 (G-3)

GRID POSITION (N. C.): X = 963,712.6; Y = 788,714.5 (G-3)

#### DEMOCRAT 14 (USGS, 1934; Yancey County, North Carolina)

Located on highest point of what is known as Chestnut Mountain, 4.2 miles south and 7.3 miles west of Burnsville. To reach from Burnsville, drive west on U. S. Highway 19E for 4.3 miles, turn left and keep main right hand road for 4.3 miles to village in Paint Gap, take road to right 1 mile to small white house on left of road, leave car and walk south up old road passing

two log cabins and through grassy field to top of ridge about 3/4 miles, turn left out ridge about 800 feet to station. A 1-inch drill hole in rock set in place under 40-inch triangular blazed white oak.

GEODETIC POSITION: Lat. = 35°52'11.198"; Long. = 82°25'21.109" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Frosty Knob	19°53'04.8"	199°51'05.5"	4.178260	9.4
Norat	45 34 44.2	225 31 47.1	4.026748	6.6
Coxcomb	322 36 47.0	142 38 29.8	3.860912	4.5

GRID POSITION (TENN.): X = 3,059,730.2; Y = 557,290.5 (G-3)

GRID POSITION (N. C.): X = 986,159.7; Y = 788,953.0 (G-3)

ELEVATION: 3749 feet (T-5)

#### DEMOCRAT 15 (USGS, 1934; Buncombe County, North Carolina)

Located 1.8 miles north and 1/2 mile east of Barnardville. To reach from Barnardville Post Office, turn left on Poverty Branch road and drive 0.3 miles to home of John O'Donnell, leave car here and walk up small ridge just back of Mr. O'Donnell's spring house, bearing S 75° E about 500 feet to old road leading up large ravine, follow this road up ravine through open field about 1/2 mile into grassy gap, turn N 60° W about 1/4 mile to station, on property of John O'Donnell. A 1-inch drill hole in rock set in place under 28-inch triangular blazed chestnut oak tree.

GEODETIC POSITION: Lat. = 35°48'17.046"; Long. = 82°25'01.110" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Norat	88°23'44.5"	268°20'35.9"	3.908548	5.0
Coxcomb	249 39 20.9	69 40 51.9	3.619697	2.6
Craggy (Pinnacle)	342 26 36.1	162 27 59.0	4.072601	7.3

GRID POSITION (TENN.): X = 3,062,241.7; Y = 533,691.2 (G-3)

GRID POSITION (N. C.): X = 986,989.9; Y = 765,235.6 (G-3)

#### DEMOCRAT 21 (USGS, 1934; Buncombe County, North Carolina)

Located on summit of wooded top of north peak of Carson Mountain, about 1.4 miles southeast of Barnardville Post Office and about 2 miles northwest of Dillingham Post Office, on property of Mrs. Henry J. Carson. To reach from Barnardville Post Office, take Dillingham road 1.95 miles to yellow filling station, turn right on private road to home of Mrs. Carson, leave car and walk west to top of mountain and station. A 1-inch drill hole in center of chiseled triangle on rock set under 20-inch black oak tree at intersection of three fence lines and 10 feet southwest of tree.

GEODETIC POSITION: Lat. = 35°45'38.869"; Long. = 82°26'49.158" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Frosty Knob	54°25'02.7"	234°23'54.9"	3.554400	2.2
Coxcomb	226 17 54.9	46 20 29.0	3.961640	5.7
Craggy	315 30 03.1	135 32 29.0	3.952418	5.6

GRID POSITION (TENN.): X = 3,053,988.2; Y = 517,384.0 (G-3)

GRID POSITION (N. C.): X = 977,540.4; Y = 749,560.0 (G-3)

#### DEMOCRAT 22 (USGS, 1934; Yancey County, North Carolina)

Located 3 miles south and 1/2 mile west from Burnsville. To reach from Burnsville, drive east 0.7 miles on U. S. Highway 19E, turn right on temporary Highway 695 for 0.85 miles, turn left and drive 2.75 miles into small gap, leave car and walk north about 1/4 mile up ridge to station. A 1-inch drill hole in rock set in place under 15-inch triangular blazed Spanish oak.

GEODETIC POSITION: Lat. = 35°52'53.355"; Long. = 82°17'20.221" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Phillips	173°35'53.5"	353°35'37.1"	3.799217	3.9
Celo	311 39 50.5	131 41 15.4	3.686768	3.0

GRID POSITION (TENN.): X = 3,099,119.5; Y = 563,023.4 (G-3)

GRID POSITION (N. C.): X = 1,025,855.9; Y = 791,875.6 (G-3)

ELEVATION: 3309 feet (T-5)

#### E 135 (USC&GS, 1935; Yancey County, North Carolina)

Located about 4.5 miles south along the Wilson Toll Road from the junction of State Highway 197 at Murchison, about 0.6 miles northwest of Blue Sea Falls, 0.2 miles south of a small board cabin, 40 yards north of the point where the road passes between large rocks, and 5 yards east of the center line of the road. A standard tablet stamped "E 135 1935" and set in the top of a concrete post.

Note: Searched for but not recovered, July, 1946. It was reported that described location had been used for loading logs onto trucks and that monument possibly was destroyed.

ELEVATION: 3414.209 feet or 1040.653 meters (T-2)

#### E 142 (USC&GS, 1935; Yancey County, North Carolina)

Located about 0.8 miles south along the Indian Creek road from Paint Gap, on the Wilbur McPeter property, 250 feet north of the Joe Austin house, 75 feet southeast of Indian Creek, 38 feet southeast of the road, 30 feet southeast of a wire fence, 22 feet northeast of another wire fence, in a rock outcrop, and about 12 feet higher than the road. A standard tablet stamped "E 142 1935".

ELEVATION: 2667.012 feet or 812.907 meters (T-2)

#### F 135 (USC&GS, 1935; Yancey County, North Carolina)

Located about 5.5 miles south along the Wilson Toll Road from the junction of State Highway 197 at Murchison, 0.4 miles southeast of Blue Sea Falls, 8 yards north of a pole culvert, at a turn in the road, 4 yards east of the center line of the road, in a rock ledge. A standard tablet stamped "F 135 1935".

ELEVATION: 3739.884 feet or 1139.919 meters (T-2)

#### F 142 (USC&GS, 1935, TVA, 1938; Yancey County, North Carolina)

Located about 1.7 miles south along the Indian Creek road from Paint Gap, at the junction of an old road leading southeast, 135 feet southeast of the Indian Creek Baptist Church, 37 feet west of the road, 34.5 feet west-northwest of the northwest corner of a bridge over England Branch, 25 feet southwest of the branch, 21.5 feet east-northeast of the northeast corner of the old Freewill Baptist Church, and 4 feet south of a fence corner. A standard TVA tablet stamped "F 142 1935" and set in the top of a concrete post.

Note: Original marker was a USC&GS disk, which was replaced by a TVA disk in 1938, before the elevation was established.

ELEVATION: 2752.357 feet or 838.920 meters (T-2)

#### G 135 (USC&GS, 1935; Yancey County, North Carolina)

Located about 6.4 miles south along the Wilson Toll Road from the junction of State Highway 197 at Murchison, in the fourth horseshoe curve south of the bridge over Beach Nursery Creek, 6 yards east of the center line of the road. A standard tablet stamped "G 135 1935" and set in the top of a concrete post.

ELEVATION: 4041.314 feet or 1231.795 meters (T-2)

#### G 142 (USC&GS, 1935, TVA, 1938; Yancey County, North Carolina)

Located about 2.7 miles south along the Indian Creek road from Paint Gap, 1.0 miles south of the Indian Creek Baptist Church, 150 feet west of Indian Creek, on the Sam Rathburn property, 250 feet north of the house, 100 feet southwest of a house owned by Rathburn and occupied (1939) by Edwards, 30.2 feet south-southwest of the southwest corner of a large barn, 18 feet northeast of the road, 8.4 feet northeast of a fence corner, and 2 feet northwest of a wire fence. A standard TVA tablet stamped "G 142 1935" and set in the top of a concrete post.

Note: Original marker was a USC&GS disk, which was replaced by a TVA disk in 1938 before the elevation was established.

ELEVATION: 2916.471 feet or 888.942 meters (T-2)

#### H 135 (USC&GS, 1935; Yancey County, North Carolina)

Located about 7.7 miles south along the Wilson Toll Road from the junction of State Highway 197 at Murchison, in the second horseshoe curve above the "Take Water Here" sign, near Bear Ridge, 6 yards east of the center line of the road. A standard tablet stamped "H 135 1935" and set in the top of a concrete post.

ELEVATION: 4540.014 feet or 1383.799 meters (T-2)

#### H 142 (USC&GS, 1935; Yancey County, North Carolina)

Located about 3.7 miles south along the Indian Creek road from Paint Gap, 2.0 miles south of the Indian Creek Baptist Church, on the John Blankenship property, 100 feet northeast of the house, 46.3 feet west of the southwest corner of the barn, 55 feet northeast of Indian Creek, 47.9 feet northeast of the northeast corner of a footbridge across the creek, 12 feet northeast of the road, 10 feet north of a drain, 6 feet north of a gate to the barn, and 3 feet southwest of the barnyard fence. A standard tablet stamped "H 142 1935" and set in the top of a concrete post.

ELEVATION: 3158.662 feet or 962.762 meters (T-2)

#### J 124 (USC&GS, 1935; Madison County, North Carolina)

Located about 3 miles west along U. S. Highways 19 and 23 and the Upper Laurel road from Swiss, on the C. C. Bank's property, about 200 feet northeast of a lumber mill, about 125 feet southeast of the Laurel Valley Church, 50 feet northeast of the junction of a road leading by the church, 30 feet southeast of a creek, 16 feet northwest of the main Upper Laurel road, 15.0 feet west of the southwest corner of a log shed, and 11.8 feet northeast of the southwest corner of a corn mill. A standard tablet stamped "J 124 1935" and set in the top of a concrete post.

ELEVATION: 3300.843 feet or 1006.099 meters (T-2)

#### J 134 (USC&GS, 1935; Buncombe County, North Carolina)

Located about 2.1 miles west along State Highway 197 from the post office at Barnardville, near Democrat, 0.2 miles southeast of the concrete bridge over Ivy Creek, 225 feet northeast of the Democrat Methodist Church, 200 feet north of the parsonage, 17 feet southeast of the highway, 40.6 feet south-southeast of a power pole, 15.6 feet west-southwest of a 12-inch locust tree, and 6 feet southeast of the road to the church. A standard tablet stamped "J 134 1935" and set in the top of a concrete post.

ELEVATION: 2122.361 feet or 646.897 meters (T-2)

#### J 142 (USC&GS, 1935, TVA, 1938; Yancey County, North Carolina)

Located at Maney Gap, on the Sugar Tree Gap road, about 4.9 miles south along the Indian Creek and the Sugar Tree Gap road from Paint Gap, 5.3 miles northeast of Barnardville, 200 feet northeast of Maney Gap, 70 feet southeast of the road, on the T. L. Maney property, in the pasture, 200 feet north of the south edge, at the south edge of an apple orchard, 48.6 feet south of a 12-inch apple tree, 21.5 feet west of a 24-inch apple tree, and in the top of the northwest edge of a rock outcrop. A standard TVA tablet stamped "J 142 1935".

Note: Original marker was a USC&GS disk, which was replaced by a TVA disk in 1938 before the elevation was established.

ELEVATION: 3848.034 feet or 1172.883 meters (T-2)

#### K 124 (USC&GS, 1935; Yancey County, North Carolina)

Located about 2.5 miles west along U. S. Highways 19 and 23 and the Upper Laurel road from Swiss, on the Upper Laurel road at a horseshoe bend in the road, 75 feet northwest of the road, 30 feet north of a branch, on the S. N. Buckner property, 23.6 feet southwest of the southwest corner of the house (occupied in 1939 by B. G. Silver), 6.7 feet southeast of a fence corner and 2 feet south of a yard fence. A standard tablet stamped "K 124 1935" and set in the top of a concrete post.

ELEVATION: 3079.797 feet or 938.724 meters (T-2)

#### K 134 (USC&GS, 1935; Buncombe County, North Carolina)

Located about 1.1 miles west along State Highway 197 from the post office at Barnardville, about 1.0 miles east of Democrat, 500 feet northeast of the Nat Greenwood house, 100 feet northwest of Ivy Creek, 42.2 feet southeast of a 16-inch walnut tree, 38.8 feet north of a highway curve sign, 16 feet east of a drain, and 16 feet northwest of the highway. A standard tablet stamped "K 134 1935" and set in the top of a concrete post.

ELEVATION: 2138.326 feet or 651.763 meters (T-2)

#### K 142 (USC&GS, 1935; Buncombe County, North Carolina)

Located about 3.8 miles northeast along State Highway 197 from the Martin Creek road from Barnardville, 80 feet south of the junction of the Sugar Tree Gap road, 70 feet southeast of the Martin Creek road, 75 feet southwest of the bridge over Martin Creek, on the Finn Shubert property, 24.9 feet west of the northeast corner of the house occupied (1939) by Carl Rice, 12 feet northwest of the house, 23.7 feet northeast of a 12-inch apple tree, and in a rock. A standard tablet stamped "K 142 1935".

ELEVATION: 2973.633 feet or 906.365 meters (T-2)

#### K 142 X (TVA, 1938; Buncombe County, North Carolina)

Located about 4.6 miles northeast along State Highway 197, the Martin Creek road, the Sugar Tree Gap road from Barnardville, 9.7 miles south of

Maney Gap, in the Pisgah National Forest, 120 feet northwest of Hickory Gap, 60 feet southwest of the road, on the west side of a large pasture, at a group of three rocks, in the top of the center rock, and about 8 feet higher than the road. A standard tablet stamped "K 142 X 1935".

ELEVATION: 3550.896 feet or 1082.303 meters (T-2)

L 124 (USC&GS, 1935; Yancey County, North Carolina)

Located about 2 miles west along U. S. Highways 19 and 23 from Swiss, about 125 feet northeast of the intersection of the Upper Laurel road, about 110 feet northeast of the Buckner rug shop, 80 feet north of the Charlie Buckner house, 56.6 feet south of the southeast corner of a corn mill, at a concrete bridge over Bald Creek, 28.0 feet east-northeast of the northwest corner of the bridge, 2 feet southwest of the southeast corner, and in the concrete flange on the inside of the concrete headwall. A standard tablet stamped "L 124 1935".

ELEVATION: 2927.753 feet or 892.381 meters (T-2)

L 134 (USC&GS, 1935; Buncombe County, North Carolina)

Located at Barnardsville, on State Highway 197, 200 feet northwest of the post office, 50 feet northwest of the junction of the Paint Fork road, 46.6 feet north of the southeast corner of the T. L. Maney store, at the concrete bridge over North Fork Ivy Creek, and in the top of the north end of the center abutment. A standard tablet stamped "L 134 1935".

ELEVATION: 2185.137 feet or 666.031 meters (T-2)

L 142 (USC&GS, 1935; Buncombe County, North Carolina)

Located about 2.9 miles northeast along State Highway 197 and the Martin Creek road from Barnardsville, about 0.9 miles northeast of the junction of State Highway 197, 225 feet northwest of Martin Creek on the Ben Davis property, 91.5 feet east of the southeast corner of the house, 10 feet northeast of the drive to the house, 5.65 feet northwest of a 5-inch locust tree, 25 feet northwest of the road, on the bank, and 6 feet higher than the road. A standard tablet stamped "L 142 1935" and set in the top of a concrete post.

ELEVATION: 2635.785 feet or 803.389 meters (T-2)

LHT 805 (TVA, 1938; Yancey County, North Carolina)

Located about 4.1 miles west along U. S. Highway 19E from Burnsville, on the John H. McIntosh property, about 150 feet south of the house, about 400 feet northwest of a lone 14-inch pine tree, opposite a 25-foot highway cut, 37.5 feet east of a pole, 24.3 feet south-southwest of a 4-inch apple tree, 18 feet northeast of the highway, 9 feet northeast of the southeast corner of a yard, and 3 feet southeast of a wire fence. A standard tablet stamped "LHT 805 1938" and set in the top of a concrete post.

ELEVATION: 2611.232 feet or 795.905 meters (T-2)

LHT 806 (TVA, 1938; Yancey County, North Carolina)

Located about 3.0 miles west along U. S. Highway 19E from Burnsville, about 200 feet west of the intersection of State Highway 197, about 700 feet northeast of the steel bridge over Cane River, 90 feet southeast of the Riverside Baptist Church, 70.6 feet north of the northeast corner of a large concrete culvert, 49.3 feet west of the northwest corner of the Riverside service station, and 16 feet south of State Highway 197. A standard tablet stamped "LHT 806 1938" and set in the top of a concrete post.

ELEVATION: 2543.975 feet or 775.405 meters (T-2)

LHT 807 (TVA, 1938; Yancey County, North Carolina)

Located about 2.1 miles west along U. S. Highway 19E from Burnsville, 265 feet northeast of the Y-junction of a road leading north, about 200 feet west of the brow of a hill, about 150 feet east of a barn, at the west end of a highway cut on the north side of the highway, at the southwest corner of a cultivated field, 63.8 feet west of a curve sign, 15 feet north of the highway, and 8.3 feet north of a fence corner. A standard tablet stamped "LHT 807 1938" and set in the top of a concrete post.

ELEVATION: 2727.101 feet or 831.222 meters (T-2)

LHT 808 (TVA, 1938; Yancey County, North Carolina)

Located about 1.2 miles west along U. S. Highway 19E from Burnsville, about 0.2 miles southwest of the West Burnsville Church, about 125 feet southwest of the intersection of the pine swamp road, on the H. J. Brown property, 40.8 feet northwest of the northwest corner of a barn, 30.8 feet east-southeast of the southeast corner of the house, 20 feet southwest of a drain, 12 feet west of the southeast corner of the yard, 12 feet northwest of the highway and 2 feet northwest of the yard fence. A standard tablet stamped "LHT 808 1938" and set in the top of a concrete post.

ELEVATION: 2670.536 feet or 813.981 meters (T-2)

LHT 809 (TVA, 1938; Yancey County, North Carolina)

Located about 0.5 miles west along U. S. Highway 19E from the park square at Burnsville, 125 feet southeast of a two-story house, 56.4 feet west of the northwest corner of an Esso service station, 47.1 feet south of a hydrant, 15 feet southeast of the highway, 12 feet east of a drain, 9 feet west of a fence corner, and 1 foot northwest of a wire fence. A standard tablet stamped "LHT 809 1938" and set in the top of a concrete post.

ELEVATION: 2712.872 feet or 826.885 meters (T-2)

LHT 810 (TVA, 1938; Yancey County, North Carolina)

Located at Burnsville, in the center of the park square, in line with the east edge of College Street and the center line of U. S. Highway 19E, 250 feet northeast of the courthouse, 54.9 feet north of a 24-inch locust tree, 19.1 feet east of the southeast corner of the Otway Burns Statue, 2 feet east of the sidewalk leading east from the center of the circle, and 1 foot east of the circular sidewalk. A standard tablet stamped "LHT 810 1938" and set in the top of a concrete post.

ELEVATION: 2814.273 feet or 857.792 meters (T-2)

LHT 811 (TVA, 1938; Yancey County, North Carolina)

Located about 0.6 miles east along U. S. Highway 19E from the park square at Burnsville, about 105 feet southwest of a funeral home, 85 feet west of the junction of State Highway 197, 60 feet southeast of the A. G. Edge house, 58.7 feet northwest of the northwest corner of the Hall Esso Service Station, 20 feet west of some stone steps, 7 feet north of U. S. Highway 19E, 11.0 feet west of the east corner of a brick wall, and 2 feet south of the wall. A standard tablet stamped "LHT 811 1938" and set in the top of a concrete post.

ELEVATION: 2666.694 feet or 812.810 meters (T-2)

LHT 812 (TVA, 1938; Yancey County, North Carolina)

Located about 1.5 miles east along U. S. Highway 19E from the park

square at Burnsville, about 600 feet west of a two-story house, about 600 feet northwest of two silos, about 500 feet southwest of a gravel pit, across the highway and in line with the center line of a private road, 20.0 feet north-northeast of the northeast corner of the porch on the D. R. Brinkley house, 18.6 feet northwest of a 4-inch white walnut tree, 8 feet southwest of the highway, and 1 foot northeast of a yard fence. A standard tablet stamped "LHT 812 1938" and set in the top of a concrete post.

ELEVATION: 2604.640 feet or 793.896 meters (T-2)

LHT 813 (TVA, 1938; Yancey County, North Carolina)

Located about 2.3 miles east along U. S. Highway 19E from the park square at Burnsville, at the intersection of the Georges Fork road, about 275 feet north of the Black Mountain Railway, about 175 feet southwest of the Clarence Robinson house, about 125 feet north of Little Crabtree Creek, 35.5 feet north of a stop sign, 14 feet south of the highway, 9 feet east of the road, 3 feet southeast of a wire fence, and 2.1 feet southwest of a power transmission line pole. A standard tablet stamped "LHT 813 1938" and set in the top of a concrete post.

ELEVATION: 2561.501 feet or 780.747 meters (T-2)

LHT 820 (TVA, 1938; Yancey County, North Carolina)

Located about 0.9 miles south along State Highway 197 from the junction of U. S. Highway 19E at Burnsville, at the junction of the Bowlers Creek road, 76.0 feet west-southwest of the southwest corner of the Grover Anglin house, 43 feet southeast of the southeast corner of a cow pen, 15 feet southeast of the highway, 15 feet west of the road, 12 feet south of a point of grass, and 3 feet north of a wire fence. A standard tablet stamped "LHT 820 1938" and set in the top of a concrete post.

ELEVATION: 2754.499 feet or 839.573 meters (T-2)

LHT 821 (TVA, 1938; Yancey County, North Carolina)

Located about 0.9 miles south along State Highway 197 from the junction of U. S. Highway 19E at Burnsville, thence 0.7 miles southeast along the Bowlers Creek road, on the Mrs. Wea Henley property, at the junction of an old road to the W. W. Ray house, 65 feet southwest of the main road, 10 feet northwest of a side road, 30 feet southwest of the bridge over Bowlers Creek, 34.3 feet west of a 12-inch white walnut tree, 11.3 feet north of the east post of a pasture gate, 6 feet northeast of the gate, and 1 foot southeast of a wire fence. A standard tablet stamped "LHT 821 1938" and set in the top of a concrete post.

ELEVATION: 2739.801 feet or 835.093 meters (T-2)

LHT 822 (TVA, 1938; Yancey County, North Carolina)

Located about 0.9 miles south along State Highway 197 from the junction of U. S. Highway 19E at Burnsville, thence 1.4 miles southeast along the Bowlers Creek road, 300 feet northeast of the Bowlers Creek Baptist Church, on the B. B. Penland property, 200 feet west of the house, 18 feet south of the driveway, 55 feet east of Bowlers Creek, 42.8 feet east of the northeast corner of a bridge, 10 feet east of the road, 6.5 feet north-northwest of the northwest corner of a large barn, and 1.5 feet east of a board fence. A standard tablet stamped "LHT 822 1938" and set in the top of a concrete post.

ELEVATION: 2821.379 feet or 859.958 meters (T-2)

LHT 823 (TVA, 1938; Yancey County, North Carolina)

Located about 0.9 miles south along State Highway 197 from the junction of U. S. Highway 19E at Burnsville, thence 2.3 miles south along the Bowlers Creek road, at Bowlers Creek, 0.3 miles east of Low Gap, on the E. O. Allen property, about 150 feet south of the house, 40 feet northwest of the Amos Presnell house, 20 feet east of the road, 17.5 feet north of an 18-inch apple tree, 12.6 feet south of the northwest corner of a shed, 8.8 feet east-southeast of the southeast corner of a well, 6 feet west of a shed, and 4 feet north of a rail fence. A standard tablet stamped "LHT 823 1938" and set in the top of a concrete post.

ELEVATION: 3011.690 feet or 917.965 meters (T-2)

LHT 824 (TVA, 1938; Yancey County, North Carolina)

Located about 0.9 miles south along State Highway 197 from the junction of U. S. Highway 19E at Burnsville, thence 3.5 miles south along the Bowlers Creek road, 0.4 miles north of Vixen, on the property of the Union Church, 24.7 feet north of the northwest corner of the church, 35 feet southeast of a power transmission line, 18 feet southeast of the road, 13.5 feet southeast of a fence corner, and 1 foot southwest of the fence. A standard tablet stamped "LHT 824 1938" and set in the top of a concrete post.

ELEVATION: 2869.948 feet or 874.762 meters (T-2)

LHT 825 (TVA, 1938; Yancey County, North Carolina)

Located at Vixen, 200 feet north of the junction of State Highway 197 and the Bowlers Creek road, 400 feet northwest of the Vixen Church, 125 feet southeast of the highway bridge, 48 feet northwest of the road, 35 feet east of the highway, on the Joe Wilson property, 12.8 feet west of the southwest corner of a log barn, and 5.8 feet east of a painted power transmission line pole. A standard tablet stamped "LHT 825 1938" and set in the top of a concrete post.

ELEVATION: 2777.773 feet or 846.667 meters (T-2)

LHT 826 (TVA, 1938; Yancey County, North Carolina)

Located about 0.6 miles south along State Highway 197 from Vixen, about 1.4 miles north of Pensacola, opposite an Island in Cane River, about 125 feet southeast of the river, on the Will Ray property, about 400 feet northeast of the house, 100 feet west of a highway "Winding Road" sign, 39.2 feet east-southeast of a 14-inch buckeye tree, 15 feet northwest of the highway, 8 feet northeast of a farm road, 3 feet north of a rock pile, and 2 feet lower than the highway. A standard tablet stamped "LHT 826 1938" and set in the top of a concrete post.

ELEVATION: 2791.235 feet or 850.770 meters (T-2)

LHT 827 (TVA, 1938; Yancey County, North Carolina)

Located about 0.7 miles north along State Highway 197 from Pensacola, on the Wayne Ray property, about 300 feet west of the Lon Autrey house, about 125 feet east of Cane River, 90 feet southeast of a highway bridge over Laurel Branch, 60 feet east of the junction of the Laurel Branch road, 25 feet northeast of a point where a small stream crosses the road, 22 feet south of Laurel Branch, 10 feet north of the road, 56 feet east of a power transmission line pole, and 33.7 feet north of a 3-inch buckeye tree. A standard tablet stamped "LHT 827 1938" and set in the top of a concrete post.

ELEVATION: 2819.633 feet or 859.426 meters (T-2)

**LR 828 (TVA, 1938; Yancey County, North Carolina)**

Located about 0.6 miles south along State Highway 197, on the Laurel Baptist Church property, in the south edge of the churchyard, 39.0 feet south of the southwest corner of the church, 60 feet west of the highway, 32 feet north of a branch, and 24.2 feet east-southeast of an 18-inch buckeye tree. A standard tablet stamped "LR 828 1938" and set in the top of a concrete post.

ELEVATION: 2859.722 feet or 871.645 meters (T-2)

**LR 829 (TVA, 1938; Yancey County, North Carolina)**

Located about 0.6 miles south along State Highway 197 from Pensacola, about 0.8 miles north of Marchison, 0.2 miles north of the Freewill Baptist Church, 300 feet northwest of the John Ray house, 120 feet south of a small barn, 105.0 feet southwest of a painted power transmission line pole, 26.5 feet west-northwest of the junction of a T-fence leading east from a north and south fence, 7 feet northwest of the highway, and 1 foot north of a fence corner. A standard tablet stamped "LR 829 1938" and set in the top of a concrete post.

ELEVATION: 2884.633 feet or 879.238 meters (T-2)

**LR 208 (TVA, 1938; Yancey County, North Carolina)**

Located 2 miles southwest from Lewisburg. To reach from post office at Erwin, drive south on Highway 19W for 29.1 miles to Lewisburg, turn right on Highway 693, gravel, go 2.4 miles to old farm trail at west edge of barn, follow trail to point of ridge, turn right up highest point of ridge south approximately 700 feet, 300 feet south from north edge of cleared field, in rye field, 20 feet east of fence line along edge of woods, 5 feet north of old dead stump. A 1-by-1-inch angle iron stamped "TVA LR 208 1938".

Reference Mark 1: 23.65 feet N 70° W to 18-inch oak.  
Reference Mark 2: 7.90 feet S 35° E to 18-inch snag.  
Reference Mark 3: 6.15 feet S 30° W to 36-inch stump.  
GEODETIC POSITION: Lat. = 35°58'36.90"; Long. = 82°25'10.97" (T-4)  
GRID POSITION (TENN.): X = 3,059,138.0; Y = 596,293.8 (T-4)  
GRID POSITION (N. C.): X = 988,337.1; Y = 827,899.8 (T-4)  
ELEVATION: 3188 feet (T-5)

**LR 210 (TVA, 1938; Yancey County, North Carolina)**

Located 4 miles southwest from Lewisburg. To reach from Erwin, drive south on Highway 19W, 29.1 miles to Lewisburg, turn right on Highway 693 and go 4.8 miles, turn right up old rock road, go 0.6 miles to gate, leave car at gate, go east, follow fence line to field, when at southwest corner of field, go northeast diagonally across field approximately 1000 feet, 80 feet east of a fence corner on extreme top of ridge. A 1-by-1-inch angle iron stamped "TVA LR 210 1938".

Reference Mark 1: 17.50 feet West to 8-inch maple.  
Reference Mark 2: 14.35 feet N 50° W to 8-inch oak.  
Reference Mark 3: 10.55 feet N 40° E to 10-inch oak.  
GEODETIC POSITION: Lat. = 35°58'22.39"; Long. = 82°27'41.78" (T-4)  
GRID POSITION (TENN.): X = 3,046,694.3; Y = 597,408.6 (T-4)  
GRID POSITION (N. C.): X = 976,003.9; Y = 829,894.8 (T-4)  
ELEVATION: 3816 feet (T-5)

**LR 214 (TVA, 1938; Yancey County, North Carolina)**

Located approximately 1.5 miles from Lewisburg. To reach from post office at Erwin, drive south on Highways 19W and 23, 30.6 miles, turn left up grade on newly graded road, go 0.8 miles, turn left, following main road, go 1.3 miles (road is extremely rough), leave car and walk up hollow following old road in hollow for 2500 feet to gap in fence, turn right at gap, go 1000 feet N 20° W to top of ridge. Station is at base of 10-inch locust tree on fence line, on Horse Ridge, 150 feet west from intersection of east and west fence line with fence south. A 1-by-1-inch angle iron stamped "TVA LR 214 1938".

Reference Mark 1: 0.38 feet South to 10-inch locust.  
Reference Mark 2: 6.02 feet N 10° W to 5-inch stump.  
Reference Mark 3: 10.60 feet N 60° E to twin 6-inch dead chestnut.  
GEODETIC POSITION: Lat. = 35°58'29.54"; Long. = 82°22'01.64" (T-4)  
GRID POSITION (TENN.): X = 3,074,716.2; Y = 596,124.4 (T-4)  
GRID POSITION (N. C.): X = 1,003,864.0; Y = 826,625.1 (T-4)  
ELEVATION: 3979 feet (T-5)

**LR 216 (TVA, 1938; Yancey County, North Carolina)**

Located 4.5 miles (airline) north of Burnsville. To reach from Erwin Post Office, drive south on Highways 19W and 23, 22.7 miles, turn left on temporary State Highway 26, go 6.8 miles, turn right on gravel road and go 3.7 miles, turn right on temporary State Highway 197 and go 4.1 miles, turn right and go 1.2 miles, turn left on poor dirt road and go 0.6 miles to large barn and house, leave car in barn lot and go 1500 feet N 45° W to extreme north point of woods on comb of small ridge north, 30 feet east of fence line. A 1-by-1-inch angle iron stamped "TVA LR 216 1938".

Reference Mark 1: 5.45 feet S 20° E to twin wild cherry.  
Reference Mark 2: 8.3 feet S 20° W to wild cherry.  
GEODETIC POSITION: Lat. = 35°58'43.39"; Long. = 82°19'24.54" (T-4)  
GRID POSITION (TENN.): X = 3,087,567.5; Y = 598,005.1 (T-4)  
GRID POSITION (N. C.): X = 1,016,816.4; Y = 827,588.9 (T-4)  
ELEVATION: 2785 feet (T-5)

**LR 219 (TVA, 1938; Yancey County, North Carolina)**

Located 1.5 miles (airline) southwest of Green Mountain. To reach from post office at Erwin, drive south on Highways 19W and 23 for 22.7 miles to bridge across Cane River, turn left on temporary Highway 26, go 6.7 miles, turn right on gravel road, go 4.0 miles, turn left on Highway 197 and go 0.1 miles, turn right on gravel road and go 2.2 miles to farmhouse, barn and grist mill, leave farm house and go west approximately 1200 feet to extreme top of first house, 11.0 feet northwest of 18-inch beech on fence line, 100 feet south of fence intersection. A 1-by-1-inch angle iron stamped "TVA LR 219 1938".

Reference Mark 1: 11.89 feet N 10° E to 18-inch beech.  
Reference Mark 2: 22.4 feet S 30° E to 10-inch oak.  
GEODETIC POSITION: Lat. = 35°58'34.97"; Long. = 82°16'26.05" (T-4)  
GRID POSITION (TENN.): X = 3,102,259.5; Y = 597,709.1 (T-4)  
GRID POSITION (N. C.): X = 1,031,450.3; Y = 826,250.6 (T-4)  
ELEVATION: 2589 feet (T-5)

**LR 293 (TVA, 1938; Yancey County, North Carolina)**

Located 3.0 miles northeast of Burnsville. To reach from center of square in Burnsville, drive north on concrete highway to school, 0.5 miles, where road turns right around school, turn left on gravel road, also very crooked, continue along gravel road, 2.1 miles from school to saddle, high-

est point on road, but gap in mountain, leave car at gap, continue on foot, follow old trail around high point of ridge 3500 feet to south edge of cultivated field 100 feet north of hedge row of locusts, 100 feet east from east edge of woods, 6 feet south of east and west fence line at intersection of high point of ridge and wire fence line. A 1-by-1-inch angle iron.

Reference Mark 1: 11.90 feet N 68° E to 10-inch elm.  
Reference Mark 2: 20.20 feet N 70° W to 8-inch sassafras.  
GEODETIC POSITION: Lat. = 35°56'30.50"; Long. = 82°16'22.47" (T-4)  
GRID POSITION (TENN.): X = 3,103,032.2; Y = 585,144.3 (T-4)  
GRID POSITION (N. C.): X = 1,031,329.1; Y = 813,662.6 (T-4)  
ELEVATION: 3562 feet (T-5)

**LR 294 (TVA, 1938; Yancey County, North Carolina)**

Located 5 miles northeast of Burnsville. To reach from Burnsville Square in center of Burnsville, drive north on concrete road to school 0.5 miles where concrete ends, turn left at school on gravel road, very crooked, follow same gravel road 4.4 miles to farm house, leave car and follow old trail as it winds along high point of ridge through two patches of woods 1800 feet on east side of hill in cleared field 100 feet north from edge of woods, 75 feet west of fence line, 15 feet east of most easterly of clump of dead trees, on side of hill. A 1-by-1-inch angle iron stamped "TVA LR 294 1938".

Reference Mark 1: 3.2 feet N 20° W to cross on rock.  
Reference Mark 2: 13.75 feet East to 10-inch stump.  
Reference Mark 3: 15.43 feet S 60° W to 4-inch dead chestnut.  
GEODETIC POSITION: Lat. = 35°57'47.70"; Long. = 82°17'19.35" (T-4)  
GRID POSITION (TENN.): X = 3,098,062.6; Y = 592,766.6 (T-4)  
GRID POSITION (N. C.): X = 1,026,913.1; Y = 821,618.5 (T-4)  
ELEVATION: 2941 feet (T-5)

**LR 295 (TVA, 1938; Yancey County, North Carolina)**

Located 4.0 miles northwest from Burnsville. To reach from Burnsville, drive west on State Highway 19 (toward Asheville), go 3.0 miles to intersection of State Highway 197, turn right on Highway 197 and go 4.4 miles, turn left at store, follow gravel road 0.8 miles to white house on right of road 200 feet east of highway bridge, leave car and go left to barn in hollow (left of road), when at barn, go 1500 feet S 70° W up hollow. Station is on small hill between two hollows, under foliage of 4-inch cherry tree, 100 feet south from edge of woods, and 200 feet northeast from another edge of woods, 15 feet south of leaning apple tree in pasture field. A 1-by-1-inch angle iron.

Reference Mark 1: 7.3 feet S 40° W to 4-inch cherry tree.  
Reference Mark 2: 22.15 feet South to 6-inch oak tree.  
Reference Mark 3: 31.0 feet North to 10-inch apple tree.  
GEODETIC POSITION: Lat. = 35°57'42.95"; Long. = 82°20'07.77" (T-4)  
GRID POSITION (TENN.): X = 3,084,245.2; Y = 591,765.0 (T-4)  
GRID POSITION (N. C.): X = 1,013,059.6; Y = 821,600.2 (T-4)  
ELEVATION: 2915 feet (T-5)

**LR 296 (TVA, 1938; Yancey County, North Carolina)**

Located 3.5 miles west from Burnsville. To reach from Burnsville, drive west on Highway 19E, 3.0 miles to intersection of Highway 197, turn right on Highway 197 and go 0.4 miles, turn right on farm road up hollow, go 1.0 miles to barn on right of road, leave car and follow trail up ridge 1000 feet to cornfield, then go 200 feet N 50° E. Station is 30 feet southwest of this point, 60 feet south from edge of woods, 20 feet north of 18-inch dead oak tree. A 1-by-1-inch angle iron.

Reference Mark 1: 7.40 feet N 10° E to 18-inch stump.  
Reference Mark 2: 6.15 feet S 50° E to 10-inch stump.  
Reference Mark 3: 12.1 feet S 50° W to 8-inch stump.  
GEODETIC POSITION: Lat. = 35°55'35.98"; Long. = 82°20'16.38" (T-4)  
GRID POSITION (TENN.): X = 3,084,018.0; Y = 578,909.8 (T-4)  
GRID POSITION (N. C.): X = 1,011,920.4; Y = 808,793.8 (T-4)  
ELEVATION: 3192 feet (T-5)

**LR 297 (TVA, 1938; Yancey County, North Carolina)**

Located 0.9 miles (airline) northwest of Higgins. To reach from Burnsville, drive west on Highway 19E for 6.0 miles to intersection of Highways 19E and 19W, turn right on Highway 19W and go 7.0 miles, turn right (northeast) 1800 feet to edge of corn field, turn right (southwest) and go 300 feet to top of hill. Angle iron is 800 feet southwest from log house on side of hill, 50 feet northwest of fence corner, under foliage and 1.6 feet from root of 18-inch apple tree on bald hill in pasture field. A 1-by-1-inch angle iron.

Reference Mark 1: 1.61 feet S 50° W to tack in root of 18-inch apple.  
GEODETIC POSITION: Lat. = 35°58'14.97"; Long. = 82°23'12.20" (T-4)  
GRID POSITION (TENN.): X = 3,068,974.7; Y = 594,437.1 (T-4)  
GRID POSITION (N. C.): X = 998,017.2; Y = 825,349.6 (T-4)  
ELEVATION: 2780 feet (T-5)

**LR 298 (TVA, 1938; Yancey County, North Carolina)**

Located 3.0 miles east of Burnsville. To reach from east end of square in Burnsville, drive east 2.0 miles to county home road, turn right on road, go 0.6 miles to farm house, turn right and go 0.2 miles to old Kyanite (abandoned) quarry, from there go 1000 feet northwest to northeast corner of woods, under foliage of corner tree. A 1-by-1-inch angle iron.

Reference Mark 1: 9.30 feet S 45° W to 30-inch oak.  
Reference Mark 2: 11.20 feet S 70° W to 10-inch oak.  
Reference Mark 3: 3.00 feet S 10° W to fence post.  
GEODETIC POSITION: Lat. = 35°54'33.99"; Long. = 82°16'24.12" (T-4)  
GRID POSITION (TENN.): X = 3,103,345.1; Y = 573,366.8 (T-4)  
GRID POSITION (N. C.): X = 1,030,805.0; Y = 801,892.8 (T-4)  
ELEVATION: 2946 feet (T-5)

**LR 299 (TVA, 1938; Yancey County, North Carolina)**

Located 3 miles southeast of Burnsville. To reach from Burnsville, drive east on Highway 19E from east end of square, go 2.0 miles to county home road, turn right and follow road 2.5 miles to second Kyanite Mine, leave car and go northwest, follow power line 400 feet to most northerly point of hill. Angle iron is 100 feet north from edge of woods, 75 feet southeast of one power pole and 75 feet southwest of another power pole in grass, 250 feet south from clump of bushes at turn in dinky railroad tracks. A 1-by-1-inch angle iron stamped "LR 299 1938".

GEODETIC POSITION: Lat. = 35°53'37.75"; Long. = 82°16'05.14" (T-4)  
GRID POSITION (TENN.): X = 3,105,122.3; Y = 567,743.4 (T-4)  
GRID POSITION (N. C.): X = 1,032,178.6; Y = 796,157.5 (T-4)  
ELEVATION: 3929 feet (T-5)

**LR 300 (TVA, 1938; Yancey County, North Carolina)**

Located 4 miles southeast of Burnsville. To reach from Burnsville,

drive east on Highway 19E to county home road (gravel) 2.0 miles, turn right on county home road, and go 2.5 miles to 2nd Kyanite Mine, leave car and go southwest along old trail 1000 feet to fence on top of ridge in old field, turn left, follow along fence and path about 3000 feet to highest point on ridge, which is large boulder. Angle iron is 69 feet N 40° W from boulder at base of 10-inch oak tree. A 1-by-1-inch angle iron.

Reference Mark 1: 21.2 feet S 40° W to nail and triangle blaze in 20-inch oak.

Reference Mark 2: 22.7 feet N 36° W to nail and triangle blaze in 15-inch oak.

Reference Mark 3: 27.2 feet N 60° E to nail and triangle blaze in 10-inch oak.

GEODETIC POSITION: Lat. = 35°52'56.35"; Long. = 82°15'53.76" (T-4)

GRID POSITION (TENN.): X = 3,106,217.6; Y = 563,596.9 (T-4)

GRID POSITION (N. C.): X = 1,032,976.7; Y = 791,943.7 (T-4)

ELEVATION: 4908 feet (T-5)

#### LR 301 (TVA, 1938; Yancey County, North Carolina)

Located 1.5 miles (airline) north of intersection of U. S. Highway 19E and 19W at Cane River Post Office. To reach from Burnsville, drive west on Highway 19E for 6.0 miles to intersection of Highway 19E and 19W and 23, go 2.6 miles to bridge across Cane River at school, turn right, crossing bridge and go 0.3 miles to farm house, leave car and turn right, going up hill 500 feet to top of hill and fence intersection 300 feet west of large lone tree on fence line, from fence intersection go south along fence line 200 feet down grade to 3-inch oak in pasture, angle iron is 30 feet southeast of tree, 7 feet west of fence line. A 1-by-1-inch angle iron.

Reference Mark 1: 42.6 feet N 35° E to 4-inch oak.

Reference Mark 2: 6.9 feet East to fence post.

Reference Mark 3: 9.5 feet South to fence post.

GEODETIC POSITION: Lat. = 35°56'11.66"; Long. = 82°23'30.81" (T-4)

GRID POSITION (TENN.): X = 3,067,905.9; Y = 581,921.2 (T-4)

GRID POSITION (N. C.): X = 996,062.8; Y = 812,941.1 (T-4)

ELEVATION: 2623 feet (T-5)

#### LR 302 (TVA, 1938; Yancey County, North Carolina)

Located 0.8 miles (airline) northwest of intersection of U. S. Highway 19E and 19W at Cane River. To reach from Burnsville, drive west on Highway 19E for 6.0 miles to intersection of Highway 19E with 19W and 23, turn right on Highway 19W and 23 and go 1.9 miles to T-road left at sign "Baudroble", turn left and go 0.1 miles, turn left and go 0.7 miles to high point at ridge at road, leave car and walk due west 250 feet to east edge of woods. Angle iron is at base of 10-inch oak, 20 feet west from east point of woods. A 1-by-1-inch angle iron stamped "TVA LR 302 1938".

Reference Mark is base of tree.

GEODETIC POSITION: Lat. = 35°59'29.34"; Long. = 82°23'50.76" (T-4)

GRID POSITION (TENN.): X = 3,066,424.1; Y = 577,584.7 (T-4)

GRID POSITION (N. C.): X = 994,277.0; Y = 808,720.7 (T-4)

ELEVATION: 2791 feet (T-5)

#### LR 303 (TVA, 1938; Yancey County, North Carolina)

Located 1.0 miles west from Burnsville. To reach from Burnsville, drive west on Highway 19E for 0.7 miles to old store and T-road left, turn left on T-road (sand), go 0.25 miles to south end of woods, turn right on T-road and go 0.35 miles along extreme top of ridge 0.35 miles to fence intersection at northwest corner of woods. Angle iron is 100 feet west along fence from corner of woods, 25 feet northwest of lone tree on top of round knoll. A 1-by-1-inch angle iron.

Reference Mark 1: 20.75 feet Southeast to 8-inch oak.

Reference Mark 2: 21.05 feet Southwest to fence post.

GEODETIC POSITION: Lat. = 35°54'35.50"; Long. = 82°18'55.39" (T-4)

GRID POSITION (TENN.): X = 3,090,904.7; Y = 573,048.1 (T-4)

GRID POSITION (N. C.): X = 1,018,373.6; Y = 802,458.0 (T-4)

ELEVATION: 2907 feet (T-5)

#### LR 305 (TVA, 1938; Yancey County, North Carolina)

Located 2.5 miles south of Burnsville. To reach from Burnsville, drive east on Highway 19E for 0.6 miles to T-road Highway 695 (temporary) to Mt. Mitchell, turn right and go 4.3 miles, turn left at T-road and go 0.1 miles to house, leave car at house and go due east up hollow to house, turn right up hollow at cleared field 800 feet to northwest corner of woods. Angle iron is 30 feet east from northwest corner of woods on comb of ridge. Ridge goes up in elevation to east in line with north edge of woods and 10 feet south of foot-path. A 1-by-1-inch angle iron stamped "TVA LR 305 1938".

Reference Mark 1: 11.2 feet S 10° E to 18-inch oak.

Reference Mark 2: 14.3 feet S 60° W to 6-inch oak.

Reference Mark 3: 12.95 feet West to 24-inch stump.

GEODETIC POSITION: Lat. = 35°52'48.02"; Long. = 82°18'53.63" (T-4)

GRID POSITION (TENN.): X = 3,091,458.5; Y = 562,193.9 (T-4)

GRID POSITION (N. C.): X = 1,018,155.5; Y = 791,592.1 (T-4)

ELEVATION: 3010 feet (T-5)

#### LR 306 (TVA, 1938; Yancey County, North Carolina)

Located 4.0 miles west of Burnsville. To reach from Burnsville, drive west for 3.8 miles to Phipps Road, turn left on Phipps road, go 0.4 miles to T-road in woods, turn right and go 0.3 miles to west edge of woods, leave car and walk, turn right, away from woods, due west, go 1000 feet to top of cleared hill. Angle iron is about 100 feet south from the point where the power line crosses hill, 30 feet south from north edge of woods and 100 feet south of angle point in fence along top of ridge, 15 feet east from edge of woods and wire fence on edge of cultivation line. A 1-by-1-inch angle iron stamped "TVA LR 306 1938".

Reference Mark 1: 6.1 feet N 80° W to 2-inch oak.

Reference Mark 2: 11.6 feet N 35° W to 4-inch dogwood.

Reference Mark 3: 13.7 feet N 10° W to 3-inch dogwood.

GEODETIC POSITION: Lat. = 35°54'12.44"; Long. = 82°21'53.58" (T-4)

GRID POSITION (TENN.): X = 3,076,344.0; Y = 570,170.5 (T-4)

GRID POSITION (N. C.): X = 1,003,645.5; Y = 800,621.2 (T-4)

ELEVATION: 2768 feet (T-5)

#### LR 307 (TVA, 1938; Yancey County, North Carolina)

Located 6.0 miles southwest from Burnsville. To reach from Burnsville, drive west on Highway 19E for 5.3 miles to Price Creek road, turn left and go 0.5 miles to Y-road intersection, turn right and go 0.5 miles to Y-road, turn left, crossing creek and go 2.1 miles, turn right and go 0.2 miles to dim farm road (very rough), go 0.6 miles to farmhouse, leave car and walk 600 feet to

extreme top of east-west ridge line (passing by old mines), when on top of ridge, turn right, and go 200 feet to three fence intersection and large poplar tree. The extreme west point of triangular field. Angle iron is 35.0 feet north from tree and fence corner, 3 feet west of old brush fence in woods. A 1-by-1-inch angle iron stamped "TVA LR 307 1938".

Reference Mark 1: 9.85 feet West to 18-inch stump.

Reference Mark 2: 11.90 feet Northwest to 10-inch dogwood.

Reference Mark 3: 12.55 feet North to 18-inch oak.

GEODETIC POSITION: Lat. = 35°52'04.29"; Long. = 82°23'23.44" (T-4)

GRID POSITION (TENN.): X = 3,069,433.5; Y = 556,948.4 (T-4)

GRID POSITION (N. C.): X = 995,814.1; Y = 787,923.2 (T-4)

ELEVATION: 3112 feet (T-5)

#### M 59 (USC&GS, 1934; Mitchell County, North Carolina)

Located at Green Mountain, about 150 feet north of the Clinchfield railroad station, about 35 feet east of the center line of the track, about 40 feet south of the post office, 40 feet northwest of a house, and 3 feet east of a fence corner. A standard tablet stamped "M 59 1934" and set in the top of a concrete post.

ELEVATION: 2154.372 feet or 656.654 meters (O-2)

#### M 124 (USC&GS, 1935; Yancey County, North Carolina)

Located about 1.1 miles west along U. S. Highways 19 and 23 from Swiss, about 110 feet east of a rug shop, about 100 feet north of Bald Creek, 85 feet east of Shepherd Branch, on the Clyde Robinson property, 39.6 feet south-south-east of the southeast corner of the house, 28 feet north of the highway, 23.2 feet northwest of a fence corner, 6 feet west of a wire fence, and in the top of a rock outcrop. A standard tablet stamped "M 124 1935".

ELEVATION: 2805.217 feet or 855.032 meters (T-2)

#### M 134 (USC&GS, 1935; Buncombe County, North Carolina)

Located about 1.1 miles east along State Highway 197 from the post office at Burnsville, on the W. S. Compton property, 150 feet northwest of a large barn, 80 feet south of the house, 37.9 feet south of the southwest corner of the concrete walk to the house, 12 feet south of the highway, 3 feet west of a field road, and 1.9 feet east-northeast of the northeast corner of the garage. A standard tablet stamped "M 134 1935" and set in the top of a concrete post. Report on Condition (TVA, June, 1946): Top of monument has been broken off. Base remains in place.

ELEVATION: 2302.276 feet or 701.735 meters (T-2)

#### MITCHELL (USC&GS, 1933; Yancey County, North Carolina)

Located on top of stone and concrete tower on highest point of Mount Mitchell. To reach from Black Mountain, go east 2 miles on routes 20 and 70, turn left onto toll road, and proceed 18-1/2 miles to hotel. Road from hotel goes to within 1/4 mile of summit. Station is cross cut in top of east-iron pipe which supports spiral stairway to roof to tower 3.196 meters (10.49 feet) from north corner of tower, 3.190 meters (10.47 feet) from west corner, 3.202 meters (10.51 feet) from south corner, and 3.200 meters (10.50 feet) from east corner.

Reference Mark 1 is a standard bronze tablet, with the arrow pointing toward the station set at the center of the top of a square block or post of concrete, 13.787 meters (45.23 feet) from north outside corner of tower, 12.284 meters (40.30 feet) from west corner, and in geodetic azimuth 132°52' from station.

Reference Mark 2 is a standard bronze tablet, with the arrow pointing toward the station wedged in a drill hole in outcropping bedrock, 17.406 meters (57.11 feet) from north outside corner of tower, 21.269 meters (69.78 feet) from west corner, in geodetic azimuth 169°27' from station.

Azimuth mark is a standard bronze tablet, with the arrow pointing toward the station wedged in a drill hole in outcropping bedrock, 200 yards southeast of Forester's cabin, on northwest slope of what is known as Mount Mitchell foreground, on north side of trail, and approximately 350 yards from station.

GEODETIC POSITION: Lat. = 35°45'52.973"; Long. = 82°15'54.675" (C-1)

To Station	Azimuth	Geodetic Azimuth	Back Azimuth	Log. Meters	Miles
Jonas	236°43'24.02"	96°56'16.74"		4.5969786	24.6
Pogue	298°42'29.59"	118°53'36.51"		4.5158221	20.4
Azimuth Mark	305°03'06.8"				

GRID POSITION (N. C.): X = 1,031,493.83; Y = 749,162.11 (C-1)

ELEVATION: 6718.8 feet (T-4)

#### MS 660 (TVA, 1941; Buncombe-Yancey Counties, North Carolina)

Located about 1800 feet northwest of Coxcomb triangulation station. To reach from courthouse at Burnsville, drive east 1.0 miles on U. S. Highway 19E to intersection of Highway 19E and State Highway 695, turn right and follow Highway 695 for 16.7 miles to Cane River Gap, turn right on woods road and drive 0.40 miles, park car and follow log trail up ridge northwest for approximately 0.60 miles to grassy meadows known as Ogle Meadows, turn left and follow trail along north slope of meadows past west edge of meadows into woods and continue along same path in northwest direction, in all approximately 1.0 miles to high rock top. A 60d nail in crevice of rock.

GRID POSITION (N. C.): X = 998,786.7; Y = 770,288.5 (T-4)

ELEVATION: 5262 feet (T-5)

#### MS 661 (TVA, 1941; Yancey County, North Carolina)

Located 40 feet west of the Yancey-Buncombe County line, 100 feet east of foot path at north end of top of ridge. To reach from Burnsville Court-house, drive east 1.0 miles on U. S. Highway 19E to intersection of Highway 19E and State Highway 197, turn right and drive south 10.50 miles, keep left, leaving Highway 197 and continue south and follow Mt. Mitchell toll road for 11.30 miles to intersection, turn right and continue 3.50 miles to Balsam Gap, park car in Balsam Gap and walk along cleared right-of-way for Scenic Highway west 800 feet to center line of ridge and trail running north and south, turn right and walk along trail, following center line ridge north for 1.20 miles to station. A 1-by-1-inch angle iron stamped "MS 661".

Reference Mark 1: 5.70 feet East to tack in 8-inch balsam tree.

Reference Mark 2: 8.27 feet S 40° E to tack in 10-inch balsam tree.

Reference Mark 3: 21.25 feet S 25° W to tack in 14-inch balsam tree.

GRID POSITION (N. C.): X = 1,010,086.4; Y = 751,229.9 (T-4)

ELEVATION: 5735 feet (T-5)

#### MS 662 (TVA, 1941; Yancey County, North Carolina)

Located about 3-1/2 miles (airline) southwest of Mt. Mitchell. To

reach from Burnsville, drive east from courthouse on Highway 19E for 1.0 miles, to intersection of highways, turn right and drive south on State Highway 197 for 10.5 miles to T-road intersection, keep left and leave State Highway 197, follow Mt. Mitchell toll road known as Wilson toll road, for 11.30 miles to road intersection, turn right on Balsam Gap road and drive 2.0 miles, park car and walk west up thick wooded slope to top of ridge and bunch of balsam trees. Station is 3 feet west of 10-inch balsam tree, set directly under flag in same tree, approximately 0.35 miles northeast of MONTREAT 16 and on same ridge. A 1- by 1-inch angle iron stamped "MS 662".

Reference Mark 1: 1.85 feet S 32° E to tack in 3-inch birch.  
Reference Mark 2: 3.55 feet S 75° W to tack in 10-inch balsam.  
Reference Mark 3: 4.33 feet N 58° W to tack in 6-inch balsam.

GRID POSITION (N. C.): X = 1,013,420.1; Y = 744,925.1 (T-4)  
ELEVATION: 5754 feet (T-5)

**MS 692 (TVA, 1941; Yancey County, North Carolina)**

Located in southeast corner of Quadrangle 200 SE, 1.5 miles northeast of Hakota, on south end of Big Fork Ridge. To reach from Burnsville, drive east from square 0.55 miles along U. S. Highway 19E to intersection of U. S. Highway 19E and State Highway 197, turn right and drive south along State Highway 197 for 10.4 miles to Murchison, and continue south along Wilson Toll Road from this point, 2.3 miles to point where Falling Water Branch empties into Cane River, park car and climb east up Falling Water Branch keeping to right at all (two major) drain forks, to the south one of two tops (the highest one) on Big Fork Ridge, in all 1.4 miles. Station lies 30 feet south of highest point on south one of two tops. A 1- by 1-inch angle iron stamped "MS 692" and set in base of 24-inch oak directly under tree.

Reference Mark 1: 15.19 feet S 78° E to tack in 10-inch dead chestnut.  
Reference Mark 2: 2.97 feet S 56° W to tack in 24-inch chestnut oak.  
Reference Mark 3: 10.95 feet S 25° E to tack in 14-inch chestnut oak.

GRID POSITION (N. C.): X = 1,025,771.8; Y = 763,576.3 (T-4)  
ELEVATION: 5085 feet (T-5)

**MS 693 (TVA, 1941; Madison-Buncombe Counties, North Carolina)**

Located on Madison-Buncombe County line. To reach from Burnsville, drive northeast along Poverty Branch road for 3.0 miles to house with large concrete spring house, at head of hollow and end of car travel, continue on foot northeast 0.6 miles to Hickory Gap, turn left and climb up road and ridge to north for 1200 feet to Sugar Tree Gap, turn left and follow path west along center line of ridge and county line for 3800 feet to high (cleared on south) top, this top is 500 feet west of sharp saddle that is also cleared on south side and northwest quadrant is cleared to north, 40 feet S 14° E from high point on top (on fence line) on grass slope, 6 feet vertically below said high top is station. A 60d spike driven in top of 18-inch dead chestnut stump 3 feet above ground.

GRID POSITION (N. C.): X = 984,129.0; Y = 768,563.5 (T-4)  
ELEVATION: 3931 feet (T-5)

**MS 694 (TVA, 1941; Yancey County, North Carolina)**

Located 1.0 miles (airline) S 20° E from Vixen, 2000 feet east of river road. To reach from Burnsville, drive east from east side of square on U. S. Highway 19E for 0.55 miles to State Highway 197, turn right on State Highway 197 and continue south for 7.20 miles, keeping to right at all road intersections to T-road east, on right bank of Cane River, turn left onto T-road and drive east for 0.30 miles to house in center line of hollow and end of car travel, climb south up ridge to center line and old log road up center line, turn left and climb up log road along ridge center line for 1500 feet to intersection of log road and skid road southwest, 36 feet northeast from center line of road in edge of woods on slope, 10 feet east of center line of ridge and 1.0 feet lower, at base of 4-inch locust stump. A 1- by 1-inch angle iron stamped "MS 694".

Reference Mark 1: 10.22 feet S 75° E to tack in side of 3-inch poplar.  
Reference Mark 2: 7.10 feet N 09° E to tack in side of 8-inch poplar.  
Reference Mark 3: 10.30 feet N 20° W to tack in 3-inch locust stump.

GRID POSITION (N. C.): X = 1,025,377.2; Y = 786,187.5 (T-4)  
ELEVATION: 3499 feet (T-5)

**MS 695 (TVA, 1941; Yancey County, North Carolina)**

Located 0.85 miles northeast (airline) from Vixen Post Office. To reach from Burnsville, drive east from square on U. S. Highway 19E for 0.55 miles, to State Highway 197, turn right on Highway 197 and drive 7.0 miles to Vixen Post Office, turn left on T-road north of Vixen Post Office and drive north up hollow 0.7 miles to house at head of hollow and end of car travel, park car at barn and follow sled road west 0.5 miles up side of cultivated ridge to top and lone 12-inch apple tree on center line of cleared ridge top, here 25 feet south of said apple tree and 20 feet southeast of path along center line of top of ridge on clover slope, 13.0 feet lower than top of ridge is station. A 1- by 1-inch angle iron stamped "MS 695".

Reference Mark 1: 26.39 feet N 11° E to tack in side of 12-inch lone apple tree.  
Reference Mark 2: 19.6 feet N 51° W to center line of foot path along center line of ridge.

Reference Mark 3: 50. feet N 30° E to southwest corner of woods.  
GRID POSITION (N. C.): X = 1,021,666.4; Y = 793,386.5 (T-4)  
ELEVATION: 3526 feet (T-5)

**MS 696 (TVA, 1941; Yancey County, North Carolina)**

Located 6.7 miles northeast of Burnsville (airline). To reach from Burnsville, drive east along State Highway 197 for 12.1 miles to hairpin curve, park car and climb northwest 750 feet through clearing to saddle in ridge, turn left at saddle and climb west along center line of ridge (following fence line for several hundred feet) for approximately 3700 feet to east end of main ridge of angle point in main ridge. As this top is approached the center line of ridge becomes very steep, rocky and thickly covered with laurel, here just 3 feet south of high point on top of ridge is station. A 1- by 1-inch angle iron stamped "MS 696" and driven to solid rock with 10 inches protruding above ground.

Reference Mark 1: 10.82 feet S 30° W to tack in 4-inch dead oak.  
Reference Mark 2: 5.43 feet N 45° W to tack in 6-inch dead chestnut.  
Reference Mark 3: 10.07 feet N 40° E to tack in 8-inch chestnut oak stump out off 4 feet above ground.

GRID POSITION (N. C.): X = 1,006,684.3; Y = 775,397.1 (T-4)  
ELEVATION: 5015 feet (T-5)

**MS 697 (TVA, 1941; Yancey County, North Carolina)**

Located on center line of lead ridge to Mt. Celso, 50 feet west of sled road along ridge to Bowlers Creek Mine. To reach from Burnsville, drive east from square 0.55 miles along U. S. Highway 19E to intersection of State Highway 197, turn right on Highway 197 and drive 0.85 miles to road intersection. Turn left onto gravel road and drive 2.25 miles, park car and walk east down drive to house, around south end of house across Bowlers Creek past second house, following along old sled road that winds along up hollow just north of Bowlers Creek hollow, in all about 0.7 miles to intersection of hollows, take right hand or southeast hollow, following same sled road 0.6 miles to point where it reaches top of ridge to south, turn left and continue up sled road, southeast along center line of ridge for 1000 feet to slight saddle, turn right 150° and walk northwest along center line of ridge 100 feet to small rock outcrop. Station is on high point of rock outcrop. A chiseled cross.

Reference Mark 1: 12.83 feet S 30° E to tack in 8-inch chestnut oak.  
Reference Mark 2: 15.16 feet N 66° W to tack in 10-inch chestnut oak.  
Reference Mark 3: 5.73 feet N 07° E to 2d nail, 1 foot above ground in 3-inch oak stump.

GRID POSITION (N. C.): X = 1,032,450.6; Y = 786,727.6 (T-4)  
ELEVATION: 4556 feet (T-5)

**MS 711 (TVA, 1941; Yancey County, North Carolina)**

Located 0.95 miles southeast of Mt. Mitchell. To reach from square in Burnsville, drive east on U. S. Highway 19E for 0.55 miles to T-road intersection, turn right on State Highway 197 and drive south past Murchison, continue along Wilson Toll Road to Stepp's Gap, in all 25.7 miles, take right hand road down mountain toward Camp Alice for 1.7 miles to hairpin curve and log road to east, follow log road east for 0.5 miles to curve, park car and walk south for 300 feet, climbing to top of rocky laurel covered knoll. Here just south of high point on top and north of large rock outcrop is station. A 1- by 1-inch angle iron stamped "MS 711".

Reference Mark 1: 13.20 feet S 20° E to tack in laurel root.  
Reference Mark 2: 5.44 feet N 60° W to tack in 10-inch rotted stump.  
Reference Mark 3: 16.00 feet N 20° W to tack in 12-inch rotted stump.

GRID POSITION (N. C.): X = 1,034,248.0; Y = 745,047.9 (T-4)  
ELEVATION: 5782 feet (T-5)

**MS 712 (TVA, 1941; Yancey County, North Carolina)**

Located on Beech Nursery Ridge, about 1.3 miles (airline) west of Mt. Mitchell Tower. To reach from square in Burnsville, drive east on U. S. Highway 19E for 0.55 miles to intersection of U. S. Highway 19E and State Highway 197 south, turn right onto State Highway 197 and drive past Murchison and continue along Wilson Toll Road to Stepp's Gap, in all 25.7 miles, take left hand road toward Mt. Mitchell and continue past CCC Camp to curve to right near garbage pile, in all 1.4 miles, park car and walk west down center line of Beech Nursery Ridge, along path to old tram line, continue west along center line of ridge to second high top, on ridge, all all 4500 feet. Station is on top of ridge just west of rock outcrop on east end of top. A 1- by 1-inch angle iron stamped "MS 712".

GRID POSITION (N. C.): X = 1,023,752.1; Y = 748,971.8 (T-4)  
ELEVATION: 5533 feet (T-5)

**N 15 (USGS, 1929; Yancey County, North Carolina)**

Located 60 feet south of entrance to dining room of Camp Alice, 60 feet east of center of bridge over small stream, on north edge of road at end of Mt. Mitchell Development Company road, in large flat rock ledge. A standard tablet stamped "N 15 1929", painted "USPBM 5788".

Reference Mark is 60 feet south of tablet, on boulder, a square cut 7.22 feet lower than tablet.

ELEVATION: 5789.10 feet (G-3)

**N 16 (USGS, 1929; Yancey County, North Carolina)**

Located at approximately highest point of Mt. Mitchell, 30 feet northwest of north corner of stone lookout station building, 15 feet north of northeast corner of Dr. Elisha Mitchell's grave, in top of rock ledge. A standard tablet stamped "N 16 1929", painted "USPBM".

Reference Mark is 45 feet N 30° W of tablet, on ledge; a chiseled square 4.92 feet lower than tablet.

ELEVATION: 6683.46 feet (G-3)

**N 124 (USCGS, 1935; Yancey County, North Carolina)**

Located at Swiss, on U. S. Highways 19 and 23, at the junction of a road leading north, 110 feet east of a concrete bridge over Elk Mallow Creek, 76.4 feet north of the northwest corner of the post office, 74.9 feet northeast of the northeast corner of the M. O. Ferguson combination house and store, 75 feet west of the Mt. Pleasant Baptist Church, 39 feet north of the highway, and 15 feet west of the side road. A standard tablet stamped "N 124 1935" and set in the top of a concrete post.

ELEVATION: 2681.333 feet or 817.272 meters (T-2)

**N 134 (USCGS, 1935; Buncombe County, North Carolina)**

Located about 2.2 miles east along State Highway 197 from the post office at Burnsville, at Rockview, 215 feet northwest of North Black Mountain Church, 130 feet south of the J. V. Burlerson farm, 165 feet southeast of the barn, 9 feet west of the T-junction of a road leading south, 14 feet southeast of the highway, 81.2 feet north-northwest of a 22-inch poplar tree, 28.6 feet west-southwest of a fence corner, 25 feet west of a garden, and 4 feet north of a wire fence. A standard tablet stamped "N 134 1935" and set in the top of a concrete post.

Note: Searched for but not recovered, July, 1946.  
ELEVATION: 2394.451 feet or 729.830 meters (T-2)

**N 138 (TVA, 1938; Mitchell County, North Carolina)**

Located 6 feet north of north rail, approximately 500 feet east along track from switch and railroad phone booth, near Green Mountain. A chiseled square in ledge of rock.

ELEVATION: 2155.31 feet (T-3)

**N 156 (TVA, 1938; Yancey County, North Carolina)**

Located approximately 0.6 miles northeast of Lewisburg, 12 feet from center line of Highway 19W on east side of road, 3 feet west of end of pipe culvert under road. Point on projecting of rock ledge.

ELEVATION: 2259.62 feet (T-3)

- N 157** (TVA, 1938; Yancey County, North Carolina)  
Located on Cane River side of Highway 19W, 20 feet from center line of road, 240 feet downstream from house across river, 50 feet up river from "Winding Road" sign on river side of road, 0.6 miles above mouth of Bald Creek. A chiseled square in top of rock boulder.  
ELEVATION: 2305.04 feet (T-3)
- N 158** (TVA, 1938; Yancey County, North Carolina)  
Located 20 feet east of center line of Highway 19W, approximately 2000 feet downstream from Higgins, on Cane River, 100 feet upstream and across road from Mountain Craft Shop. A chiseled square on top of rock outcrop.  
ELEVATION: 2370.30 feet (T-3)
- N 159** (TVA, 1938; Yancey County, North Carolina)  
Located 1.4 feet above the level of Highway 19W, approximately 0.5 miles below Wampler, 10 feet west of road, approximately 300 feet upstream on Cane River from intersection of trail and Highway 19W. Point of projecting rock ledge.  
ELEVATION: 2457.39 feet (T-3)
- N 160** (TVA, 1938; Yancey County, North Carolina)  
Located on south side of Highway 19W, 20 feet from center line, approximately 100 feet above church and Langford Bridge. A chiseled square in top of boulder.  
ELEVATION: 2448.56 feet (T-3)
- N 161** (TVA, 1938; Yancey County, North Carolina)  
Located over Hardscrabble Creek on Highway 19W. Chiseled square in downstream headwall of concrete culvert.  
ELEVATION: 2458.91 feet (T-3)
- N 162** (TVA, 1938; Yancey County, North Carolina)  
Located 16 feet northwest of Highway 19W, about 50 feet downstream from top of a hill, 0.5 miles from intersection of Highways 19W and 79E, about 2 miles west of Bald Creek. A chiseled cross in circle on rock ledge.  
ELEVATION: 2517.80 feet (T-3)
- N 163** (TVA, 1938; Yancey County, North Carolina)  
Located over Price Creek, 0.5 miles east of intersection of Highways 19W and 19E (on Highway 19E). Top of guard rail, bolt in southwest corner of wood bridge.  
ELEVATION: 2491.43 feet (T-3)
- N 164** (TVA, 1938; Yancey County, North Carolina)  
Located on northeast corner of north headwall of small concrete culvert, 500 feet east of Cane River Baptist Church on Highway 19E and 70 feet southwest of R. M. Ray's home. Chiseled square.  
ELEVATION: 2541.39 feet (T-3)
- N 165** (TVA, 1938; Yancey County, North Carolina)  
Located 300 feet above mouth of Phipps Creek, in field, 50 feet from woodland along Cane River bank. Chiseled square in top of rock ledge.  
ELEVATION: 2503.54 feet (T-3)
- N 166** (TVA, 1938; Yancey County, North Carolina)  
Located on north side of Phillips Road and 90 feet from junction of Phillips Road with Highway 19E. Chiseled square in rock ledge.  
ELEVATION: 2607.42 feet (T-3)
- N 167** (TVA, 1938; Yancey County, North Carolina)  
Located at bridge over Aylers Branch, 0.5 miles above Cane River's edge, about 2-1/2 miles southwest of Burnsville, at northwest corner of bridge. Top of bolt.  
ELEVATION: 2546.66 feet (T-3)
- NT 5** (USED, 1925; Mitchell County, North Carolina)  
Located at Green Mountain station, on highway bridge over North Toe River, right bank abutment, upstream side. Chiseled cross.  
ELEVATION: 2153.14 feet (E-3)
- P 14** (TVA, 1938; Yancey County, North Carolina)  
Located about 1.9 miles east along U. S. Highways 19 and 23 from Bald Creek, about 6.0 miles west of Burnsville, at Cane River, at the intersection of U. S. Highways 23, 19W and 19E, at a brick filling station and on the east end of the concrete foundation of the gasoline pumps. A chiseled square.  
ELEVATION: 2500.248 feet or 762.077 meters (T-2)
- P 19** (TVA, 1938; Yancey County, North Carolina)  
Located about 2.4 miles west along U. S. Highway 19 and 23 and the Upper Laurel road from Swiss, about 0.6 miles east of the Laurel Valley Church, about 0.3 miles east of Windy Gap, 10 feet north of the center line of the road and on a rock ledge. A chiseled square near the painted letters "TBM P 19".  
ELEVATION: 3394.563 feet or 1034.665 meters (T-2)
- P 20** (TVA, 1938; Yancey County, North Carolina)  
Located at Burnsville, in the center of the park square, on the west side of a circular curb in the middle of the park. A chiseled square.  
ELEVATION: 2815.336 feet or 863.116 meters (T-2)
- P 23** (TVA, 1938; Yancey County, North Carolina)  
Located at Murchison, on State Highway 197, about 1.3 miles south of Penacola, 20 feet east of the junction of the Wilson Toll Road, and on the top of a rock. A chiseled square near the painted letters "TBM P 23".  
ELEVATION: 2930.175 feet or 893.119 meters (T-2)
- P 24** (TVA, 1938; Buncombe County, North Carolina)  
Located about 2.0 miles east along State Highway 197 from Barnardsville, about 0.2 miles west of North Black Mountain School, at the junction of the Martin Creek road, on a rock. A chiseled square near the painted letters "TBM P 24".  
Note: Searched for but not recovered, July, 1946.  
ELEVATION: 2374.372 feet or 723.710 meters (T-2)
- P 25** (TVA, 1938; Buncombe County, North Carolina)  
Located about 4.1 miles northeast along State Highway 197, the Martin Creek road, and the Sugar Tree Gap road from Barnardsville, about 0.5 miles east of Hickory Gap, in the center of the trail leading up a mountain, near

a turn, 500 feet southwest of an old barn, and on a rock. A chiseled square, near the painted letters "TBM P 25".  
ELEVATION: 3348.514 feet or 1020.629 meters (T-2)

- P 26** (TVA, 1938; Yancey County, North Carolina)  
Located about 4.2 miles south along the Indian Creek road from Paint Gap, 2.5 miles south of the Indian Creek Baptist Church, about 0.6 miles north along the Sugar Tree Gap road from Maney Gap, on Indian Creek, 100 feet north of the junction of the Sugar Tree Gap road and a road leading southeast, 100 feet north of an unoccupied house, 10 feet south of a barn, and on the top of a rock. A chiseled square near the painted letters "TBM P 26".  
ELEVATION: 3422.139 feet or 1043.070 meters (T-2)

- P 124** (USCGS, 1935; Yancey County, North Carolina)  
Located at Bald Creek, about 1.3 miles east of Swiss, about 250 feet west of the Methodist Church, about 175 feet south of U. S. Highways 19 and 23, about 110 feet south of Bald Creek, at the high school gymnasium, 12 feet west of the tennis court, 6 feet north of the stone steps in the east wall, 2 feet south of the northeast corner, and about 4 feet above the ground. A standard tablet stamped "P 124 1935" and set vertically.  
ELEVATION: 2576.429 feet or 785.297 meters (T-2)

- P 134** (USCGS, 1934, TVA, 1938; Buncombe County, North Carolina)  
Located about 3.4 miles east along State Highway 197 from the post office at Barnardsville, 250 feet southwest of North Fork Ivy Creek, on the Stella Burlington property, 165 feet southwest of the house occupied (1939) by William Gaddy, 150 feet west of a log barn, 40 feet northeast of the highway, 35.2 feet northeast of a fence corner, 17.0 feet southeast of a 6-inch cherry tree, and in a rock outcrop. A standard TVA tablet stamped "P 134 1935".  
Note: Original marker was a USCGS disk, which was replaced by a TVA disk in 1938 before the elevation was established.  
ELEVATION: 2562.373 feet or 781.013 meters (T-2)

- PAINT GAP** (USGS, 1934; Madison-Yancey Counties, North Carolina)  
Located about 2 miles south and 8 miles west (airline) of Burnsville, on the Madison-Yancey County line. To reach from Burnsville, drive west 5.3 miles on Highway 19E, turn left and keep main right hand road and drive 1.4 miles, turn right on second-class road and drive about 300 feet to house, leave car and walk northwest up Horton Creek to its head, about 3/4 miles, thence in same direction to top of ridge and station, on property of Tom Ray, on open grassy ridge. A standard tablet set in top of granite rock, set 2 feet in ground.

To Station	Azimuth	Back Azimuth	Log. Meters	Miles
Nofat	31°40'24.7"	211°38'09.1"	4.044201	6.9
Sampeon	179 29 15.3	359 29 13.7	3.894430	4.9
Coxcomb	321 21 47.9	141 24 12.3	3.996255	6.2

GRID POSITION (TENN.): X = 3,053,655.4; Y = 563,559.4 (G-3)  
GRID POSITION (N. C.): X = 980,545.2; Y = 795,637.1 (G-3)  
ELEVATION: 3671 feet (T-5)

- PHILLIPS** (USGS, 1934; Yancey County, North Carolina)  
Located on summit of wooded top, about 1.4 miles north of Burnsville, locally known as Phillips Knob. A standard tablet stamped "PHILLIPS 1934" and set in boulder on east end of top.  
Reference Mark 1: 12.2 feet S 66° E  
Reference Mark 2: 51.9 feet S 37° W  
Reference Mark 3: 5.6 feet N 67° W  
GEODETTIC POSITION: Lat. = 35°56'16.431"; Long. = 82°17'48.237" (G-3)
- | To Station    | Azimuth     | Back Azimuth | Log. Meters | Miles |
|---------------|-------------|--------------|-------------|-------|
| Coxcomb       | 27°34'56.3" | 207°32'13.7" | 4.177051    | 9.3   |
| Sampeon       | 99 45 41.1  | 279 40 31.9  | 4.126836    | 8.3   |
| Pig Pen Bluff | 240 41 58.2 | 60 43 40.3   | 3.698210    | 3.1   |
| Mitchell      | 351 33 18.7 | 171 34 25.1  | 4.288366    | 12.1  |
- GRID POSITION (TENN.): X = 3,056,038.9; Y = 563,494.9 (G-3)  
GRID POSITION (N. C.): X = 1,024,233.6; Y = 812,474.0 (G-3)  
ELEVATION: 4338 feet (T-5)

- Q 124** (USCGS, 1935; Yancey County, North Carolina)  
Located about 1.2 miles east along U. S. Highway 19 and 23 from Bald Creek, about 400 feet west of the Jack McHollister service station, about 200 feet southeast of the Gus Edwards house, 50 feet northwest of the mouth of Possumtot Creek, 41.7 feet south-southwest of the south pole of a power transmission line, at the concrete highway bridge over Bald Creek, 12 feet north of the creek, 8.5 feet west of the southwest corner of the guard rail, in the top of the west end of the southwest retaining wall, and 7 feet southwest of the highway. A standard tablet stamped "Q 124 1935".  
ELEVATION: 2517.360 feet or 767.293 meters (T-2)

- Q 134** (USCGS, 1935; Buncombe County, North Carolina)  
Located about 4.5 miles east along State Highway 197 from the post office at Barnardsville, 200 feet south of North Fork Ivy Creek, about 350 feet southeast of the Zeb Hensley house, opposite an old road leading to the house, on the Cleve Dodd property, 140 feet southwest of a barn, 38.4 feet west-northwest of a 2-inch maple tree, 24.5 feet southeast of a 2-inch apple tree, 20 feet southwest of the highway, 10 feet southwest of a galvanized iron pipe culvert under the highway, and on the north side of a 4-foot high log ramp. A standard tablet stamped "Q 134 1935" and set in the top of a concrete post.  
Note: Searched for but not recovered, June, 1946. Described location is now a garden and point possibly destroyed by cultivation.  
ELEVATION: 2831.956 feet or 863.182 meters (T-2)

- Q 135** (USCGS, 1935; Yancey County, North Carolina)  
Located about 1 mile northeast along the Wilson Toll Road from the junction of the Blue Ridge Parkway at Balsam Gap, 60 yards from an old cinder trail to the east, and 4 yards east to the center line of the road. A standard tablet stamped "Q 135 1935" and set in the top of a concrete post.  
Report on Condition (TVA, August, 1946): Concrete monument has disintegrated probably from cold weather. Remains in ground and possibly usable for approximate elevation.  
ELEVATION: 5419.632 feet or 1651.907 meters (T-2)

**R 124** (USC&GS, 1935; Yancey County, North Carolina)

Located about 1.9 miles east along U. S. Highway 19 and 23 from Bald Creek, at Cane River, at the intersection of U. S. Highways 23, 19, and 19E, on the R. A. Radford property, 80 feet northwest of the "Nu-Wray" Hotel sign, 36 feet northwest of U. S. Highway 23 and 19W, 34 feet northeast of U. S. Highway 19 and 23, at the Modern service station, in the brick wall, 1 foot northeast of the southeast corner, and about 3 feet above the ground. A standard tablet stamped "R 124 1935" and set vertically.

ELEVATION: 2502.505 feet or 762.765 meters (T-2)

**R 134** (USC&GS, 1935; Buncombe County, North Carolina)

Located about 5.4 miles east along State Highway 197 from the post office at Barnardsville, on the C. I. Carter property, 80 feet south of North Fork Ivy Creek, 60.0 feet east of the southeast corner of a large barn, 24.9 feet west-southwest of the northwest corner of a cabin, 27 feet north of the highway, 15 feet west of a large boulder, 10 feet east of a gap in a fence, and 3 feet south of the wire fence. A standard tablet stamped "R 134 1935" and set in the top of a concrete post.

ELEVATION: 3075.306 feet or 937.355 meters (T-2)

**RFG 210** (TVA, 1938; Yancey County, North Carolina)

Located 6 miles northwest of Burnsville, 0.5 feet above ground. To reach from Cane River filling station, about 6 miles west of Burnsville at junction of U. S. Highways 19E and 23 with 19W, drive north on Highways 19E and 23 for 2.9 miles to Wampler, at country store on right turn left on log road up Elk Shoal Creek, 2.2 miles to old sawmill site, thence follow trail west, bearing slightly southwest at forks of hollow 800 feet from sawmill site, and continue 1000 feet to top of ridge, in northeast corner of cleared field and nearly on center line of ridge, in center line of trail along ridge and 40 feet south of the north edge of field. A 1-by-1-inch angle iron stamped "TVA RFG 210 1938".

Reference Mark 1: 37.8 feet N 20° W to fallen tree.

Reference Mark 2: 7.9 feet S 80° E to 12-inch locust.

Reference Mark 3: 17.9 feet S 05° W to stump.

GEODETIC POSITION: Lat. = 35°57'10.98"; Long. = 82°26'17.98" (T-4)

GRID POSITION (TENN.): X = 3,053,949.9; Y = 587,411.8 (T-4)

GRID POSITION (N. C.): X = 982,531.7; Y = 819,408.4 (T-4)

ELEVATION: 4402 feet (T-5)

**RFG 211** (TVA, 1938; Yancey County, North Carolina)

Located 8-1/2 miles northwest of Burnsville, 11 miles south of Erwin. To reach from Hotel Erwin drive southwest on U. S. Highways 19 and 23 for 28.0 miles to bridge over Cane River at Lewisburg, continue straight ahead on State Highway 693 for 2.3 miles to old logging road up Hensley Branch, turn left at country store and water power mill, turn left on logging road for 0.7 miles to house on right, then bear right up right fork of hollow for 0.3 miles to last group of farm buildings, go north up nose of ridge behind house to top of main ridge, then turn right along ridge 500 feet to end of ridge top. Station is in rail fence line on ridge line on southeast side of same, at end of ridge. A 1-by-1-inch angle iron stamped "TVA RFG 211 1938" and 0.5 feet above ground.

Reference Mark 1: 6.3 feet N 80° W to 14-inch chestnut oak.

Reference Mark 2: 15.1 feet N 30° E to 24-inch dead chestnut.

Reference Mark 3: 8.5 feet S 40° E to 12-inch chestnut oak.

GEODETIC POSITION: Lat. = 35°58'12.37"; Long. = 82°26'24.03" (T-4)

GRID POSITION (TENN.): X = 3,053,227.2; Y = 593,596.5 (T-4)

GRID POSITION (N. C.): X = 982,249.8; Y = 825,628.7 (T-4)

ELEVATION: 4094 feet (T-5)

**RFG 212** (TVA, 1938; Yancey County, North Carolina)

Located 10 miles northwest of Burnsville, 12 miles south of Erwin. To reach from Lewisburg, a small village on U. S. Highways 19 and 23, about 28 miles from Erwin, follow State Highway 693 for 7.0 miles to new road up Mountain at village of Bald Mountain, take road up mountain for 1.4 miles to McKenney Gap. Station is 700 feet west of road on nose of ridge at edge of woods. A 1-by-1-inch angle iron stamped "TVA RFG 212 1938".

Reference Mark 1: 26.8 feet N 35° E to 10-inch poplar tree.

Reference Mark 2: 23.4 feet S 70° W to 8-inch mulberry tree.

Reference Mark 3: 15.8 feet N 05° W to fence post.

GEODETIC POSITION: Lat. = 35°57'07.58"; Long. = 82°28'10.48" (T-4)

GRID POSITION (TENN.): X = 3,044,718.9; Y = 586,733.0 (T-4)

GRID POSITION (N. C.): X = 973,275.8; Y = 819,386.3 (T-4)

ELEVATION: 4173 feet (T-5)

**RFG 215** (TVA, 1938; Yancey County, North Carolina)

Located 6-1/2 miles west of Burnsville, 3/4 miles southeast of Bald Creek. To reach from Cane River filling station at junction of U. S. Highways 19 and 23 with 19E go 6 miles west of Burnsville, drive west on Highways 19 and 23 for 0.5 miles to dirt road left, 200 feet east of highway bridge, turn left on dirt road for 0.8 miles to large barn on left at sharp curve to right. Station is on nose of ridge 500 feet southwest of barn, 80 feet north of cemetery. A 1-by-1-inch angle iron stamped "TVA RFG 215 1938" and driven flush with ground.

Reference Mark 1: 146.1 feet N 56° W to 24-inch chestnut.

Reference Mark 2: 81.65 feet S 17° E to northwest corner pedestal of "Wilson" headstone.

GEODETIC POSITION: Lat. = 35°54'10.73"; Long. = 82°24'42.13" (T-4)

GRID POSITION (TENN.): X = 3,062,493.1; Y = 569,486.0 (T-4)

GRID POSITION (N. C.): X = 989,781.2; Y = 800,921.5 (T-4)

ELEVATION: 2757 feet (T-5)

**RFG 216** (TVA, 1938; Yancey County, North Carolina)

Located 9 miles west of Burnsville. To reach from Swiss Post Office, which is 8 miles west of Burnsville, on U. S. Highways 19 and 23, drive west on said highway for 0.8 miles to farm road left at curve to right, turn left on farm road for 0.4 miles to old sawmill site 300 feet west of two-story frame house, take nose of ridge to south to top of main ridge, then turn left 500 feet to northeast end of top of ridge. Station is 40 feet northeast of fence corner and on center line of ridge and 0.4 feet above ground. A 1-by-1-inch angle iron stamped "TVA RFG 216 1938".

Reference Mark 1: 6.1 feet N 65° E to 24-inch black gum.

Reference Mark 2: 12.8 feet S 55° E to 20-inch black gum.

Reference Mark 3: 29.7 feet South to 24-inch sweet gum.

GEODETIC POSITION: Lat. = 35°54'21.70"; Long. = 82°27'34.67" (T-4)

GRID POSITION (TENN.): X = 3,048,267.9; Y = 570,077.2 (T-4)

GRID POSITION (N. C.): X = 975,633.5; Y = 802,520.8 (T-4)

ELEVATION: 3420 feet (T-5)

**RFG 217** (TVA, 1938; Madison County, North Carolina)

Located 10-1/2 miles southwest of Burnsville. To reach from Buckner Post Office, which is 15 miles by road west of Burnsville on U. S. Highways 19 and 23, drive north for 0.3 miles to dirt road right, turn right for 0.3 miles to large barn on right, turn left thru bars 100 feet west of barn and follow ridge line and trail north 2000 feet to highest point. Station is on east quadrant of fence corner on top of hill. A 1-by-1-inch angle iron stamped "TVA RFG 217 1938", 0.5 feet above ground.

Reference Mark 1: 41.0 feet N 32° E to 16-inch pine.

Reference Mark 2: 3.8 feet S 20° W to 4-inch peach.

Reference Mark 3: 6.4 feet West to corner fence post.

GEODETIC POSITION: Lat. = 35°52'11.54"; Long. = 82°28'46.49" (T-4)

GRID POSITION (TENN.): X = 3,042,836.6; Y = 556,712.2 (T-4)

GRID POSITION (N. C.): X = 969,268.0; Y = 789,575.1 (T-4)

ELEVATION: 2633 feet (T-5)

**S 124** (USC&GS, 1935; Yancey County, North Carolina)

Located about 4.4 miles south along U. S. Highways 19W and 23 from Higgins, about 0.8 miles north of the junction of U. S. Highway 19E, about 175 feet northwest of the junction of the highway and an old road leading northeast, on the Mrs. J. C. Peterson property, about 175 feet northwest of the house, about 100 feet northwest of a drain, about 400 feet southwest of Cane River, 50.7 feet west of a 4-inch apple tree, 46.7 feet southwest of a 6-inch apple tree, 23 feet southwest of the highway, and 1 foot northeast of a wire fence. A standard tablet stamped "S 124 1935" and set in the top of a concrete post.

ELEVATION: 2486.862 feet or 757.997 meters (T-2)

**S 134** (USC&GS, 1935; Buncombe County, North Carolina)

Located about 6.4 miles east along State Highway 197 from the post office at Barnardsville, at a tangent in the highway, 100 feet southeast of North Fork Ivy Creek, opposite a high bank on the south side of the highway, 75 feet northeast of a galvanized iron pipe culvert under the highway, and 18 feet northwest of the highway. A standard tablet stamped "S 134 1935" and set in the top of a concrete post.

ELEVATION: 3385.357 feet or 1031.859 meters (T-2)

**SAMPSON** (USGS, 1934; Yancey County, North Carolina)

Located about 3 miles northwest of Bald Creek, on the highest point of a top known as Sampson Mountain. To reach from Bald Creek, follow Licks Creek road for a distance of 2.1 miles to schoolhouse, thence continue on foot about 2.3 miles to gap, turn east and follow ridge about 3/4 miles to station. A standard tablet stamped "SAMPSON 1934" and set in rock.

Reference Mark 1: 10.45 feet N 17° W to drill hole.

Reference Mark 2: 9.85 feet S 79° W to drill hole.

GEODETIC POSITION: Lat. = 35°57'29.778"; Long. = 82°26'34.901" (G-3)

To Station	Geometric Azimuth	Back Azimuth	Log. Meters	Miles
Flat Top	197°16'13.4"	17°17'26.4"	4.019730	6.5
Pig Pen Bluff	269°21'07.5"	89°27'58.9"	1.244311	10.9
Celo	303°46'04.3"	123°52'54.4"	4.324526	13.1
Coxcomb	338°06'57.2"	158°09'23.3"	4.225210	10.4

GRID POSITION (TENN.): X = 3,052,490.5; Y = 589,260.3 (G-3)

GRID POSITION (N. C.): X = 981,207.2; Y = 821,359.7 (G-3)

ELEVATION: 4795 feet (T-5)

**ST 1** (TVA, 1941; Buncombe County, North Carolina)

Located 3.6 miles (airline) east-southeast of Barnardsville, on Pinnacle Mountain. To reach from Barnardsville, drive southeast on gravel and black top road for 3.9 miles to Dillingham, keep left and follow gravel road for 0.8 miles to side road left to house, turn left and drive 0.1 miles to house, park car and walk north up center line of ridge 3000 feet to top and sight of old fire tower. Station is 4 feet west of old telephone pole with signal nail on top, 1 foot north of wire fence. A weak hub.

GRID POSITION (N. C.): X = 993,882.4; Y = 749,785.6 (T-4)

ELEVATION: 3696 feet (T-5)

**ST 3** (TVA, 1941; Yancey County, North Carolina)

Located 4.35 miles (airline) southeast of Vixen. To reach from Burnsville, drive south on temporary State Highway 197 for 10.0 miles to Pensacola, turn left and drive southeast for 4.60 miles up winding road to Y-road intersection, turn right and continue to second horseshoe bend, park car and keep same trail about 1.0 miles to old tram road bed, turn right and continue on tram road bed for 1.40 miles to where said trail bends around Winter Star Ridge. Station is on center line of ridge 30 feet west of old tram bed under 10-inch balsam tree. A 1-by-1-inch angle iron stamped "ST 3".

Reference Mark 1: 0.86 feet S 19° W to tack in 10-inch balsam.

Reference Mark 2: 5.25 feet N 70° E to tack in 3-inch balsam.

Reference Mark 3: 8.22 feet N 05° W to tack in 3-inch balsam.

GRID POSITION (N. C.): X = 1,034,229.9; Y = 768,612.5 (T-4)

ELEVATION: 5667 feet (T-5)

**ST 4** (TVA, 1941; Yancey County, North Carolina)

Located 4.15 miles south (airline) of Vixen. To reach from Burnsville, drive south on temporary State Highway 197 for 10.0 miles to Pensacola, turn left and drive southeast 1.40 miles to T-road station, turn right crossing Cattail Creek and go approximately 1.0 miles to old sawmill site, bear left through sawmill and continue approximately 1.50 miles to second sawmill site, park car and walk west 400 feet to center line of ridge, turn left and south follow old log side about 1/2 mile to top of Big Fork Ridge, turn right and walk along center line of ridge approximately 1000 feet through small saddle to highest top on ridge. Station is 35 feet south from top, 75 feet northwest of a 20-inch oak tree. A 1-by-1-inch angle iron stamped "ST 4".

Reference Mark 1: 9.72 feet N 61° W to tack in 20-inch dead chestnut log.

Reference Mark 2: 5.28 feet N 70° E to tack in 3-inch chestnut oak.

Reference Mark 3: 5.99 feet S 36° E to tack in 6-inch buckeye tree.

GRID POSITION (N. C.): X = 1,022,780.7; Y = 767,249.9 (T-4)

ELEVATION: 4972 feet (T-5)

**ST 5** (TVA, 1941; Buncombe County, North Carolina)

Located 4.55 miles northeast of Barnardsville. To reach from Barnardsville, drive northeast along temporary State Highway 197 for 1.60 miles to Y-road north, turn left and drive northeast for 2.0 miles, leave car and walk along old road to where trail forks at fence line, keep right on outside of fence, keeping right crossing small creek and continue through field trail.

into woods, continue on same trail up steep slope to top of Sharp Mountain, turn right and continue along center line of mountain to highest point along top (heavily wooded) to station, in all from car 0.70 miles. A 1- by 1-inch angle iron stamped "ST 5" and set directly under 36-inch oak, 70 feet high.

Reference Mark 1: 5.20 feet N 07° W to tack in fence post.  
 Reference Mark 2: 11.87 feet N 57° E to tack in 36-inch oak tree.  
 Reference Mark 3: 9.06 feet S 03° E to tack in 2-inch oak.

GRID POSITION (N. C.): X = 996,187.1; Y = 766,834.9 (T-4)  
 ELEVATION: 4440 feet (T-5)

ST 7 (TVA, 1941; Yancey County, North Carolina)

Located about 4-3/4 miles (airline) southwest of Vixen, 1.7 miles (airline) from road crossing in Murchison, on top of Wilson Ridge. To reach from Murchison (about 10-1/2 miles south of Burnsville along State Highway 197) drive west and south along Highway 197 about 5 miles to Cane River Gap and Yancey-Buncombe County line, just west of county line take trail south up mountain to top of Wilson Ridge, thence northeast about 0.7 miles to high top and station. A 1- by 1-inch angle iron set under 24-inch oak tree, which is 40 feet northwest of top of ridge.

Reference Mark 1: 2.30 feet N 30° E to tack in 24-inch oak.  
 Reference Mark 2: 0.70 feet East to tack in 6-inch stump.  
 Reference Mark 3: 9.70 feet N 40° W to tack in 3-inch birch.

GRID POSITION (N. C.): X = 1,012,035.1; Y = 766,057.4 (T-4)  
 ELEVATION: 5163 feet (T-5)

T 124 (USC&GS, 1935; Yancey County, North Carolina)

Located about 3.3 miles south along U. S. Highways 19 W and 23 from Higgins, about 1 mile south of Wampler, about 0.4 miles southwest of the Elk Shoal Church, 25 feet northeast of the junction of a T-road leading west, about 165 feet east of the Mrs. R. H. Shelton house, 70 feet southeast of a small barn, 50 feet west of Cane River, 45.3 feet southeast of F. L. Warrick's mailbox, 35.7 feet east of Mrs. Shelton's mailbox, 15 feet east of the highway, and in the south end of the east headwall of a concrete culvert over a branch. A standard tablet stamped "T 124 1935".

ELEVATION: 2457.285 feet or 748.982 meters (T-2)

T 134 (USC&GS, 1935, TVA, 1938; Buncombe County, North Carolina)

Located about 7.4 miles east along State Highway 197 from the post office at Barnardville, at the east end of a cut on the south side of the highway, 100 feet southwest of another cut, 21.2 feet west-southwest of a galvanized iron pipe culvert under the highway, 17 feet south of the highway, and 27.0 feet east of a 3-inch locust tree. A standard TVA tablet stamped "T 134 1935" and set in the top of a concrete post.

Note: Original marker was a USC&GS disk, which was replaced by a TVA disk in 1938 before elevation was established.

ELEVATION: 3686.695 feet or 1123.707 meters (T-2)

U 124 (USC&GS, 1935; Yancey County, North Carolina)

Located about 2.3 miles southwest along U. S. Highways 19 W and 23 from Higgins, at Wampler, about 100 feet northwest of Cane River, about 100 feet northeast of the junction of the Elk Shoal Creek road, 69 feet northeast of the W. Y. Proffitt house, at a double concrete culvert over Elk Shoal Creek, 3 feet southwest of the north corner, in the west headwall, 12 feet south of a board fence, and 7 feet northwest of the highway. A standard tablet stamped "U 124 1935".

ELEVATION: 2443.686 feet or 744.837 meters (T-2)

U 134 (USC&GS, 1935; Buncombe County, North Carolina)

Located about 8.5 miles northeast along State Highway 197 from the post office at Barnardville, on a tangent in the highway, 49.3 feet southwest of a 24-inch white stump, 13.5 feet northeast of a 7-inch poplar tree, and 9 feet southwest of the highway. A standard tablet stamped "U 134 1935" and set in the top of a concrete post.

Note: Searched for but not recovered, July, 1946. Probably destroyed by road construction.

ELEVATION: 4031.209 feet or 1228.715 meters (T-2)

Y 124 (USC&GS, 1935; Yancey County, North Carolina)

Located about 1.3 miles southwest along U. S. Highways 19 W and 23 from Higgins, about 1 mile northwest of Wampler, on the Barney and Clay Morrow property, about 120 feet northeast of Cane River, about 90 feet southeast of a house occupied in 1939 by Floyd Hilemon, 74.7 feet northwest of the northwest corner of a large barn, 28 feet northeast of the highway, 15 feet southeast of a branch, and 7.2 feet south of a 12-inch apple tree. A standard tablet stamped "Y 124 1935" and set in the top of a concrete post.

ELEVATION: 2426.760 feet or 739.678 meters (T-2)

Y 134 (USC&GS, 1935; Yancey County, North Carolina)

Located about 4.9 miles southwest along State Highway 197 from Murchison, about 9.4 miles northeast of the post office at Barnardville, at Cane River Gap, 350 feet southwest of an old shack, 20 feet southeast of the highway, 11.2 feet south of a Yancey-Buncombe County line sign post, 10 feet northeast of a trail, 4 feet northwest of a fence corner, opposite the junction of the highway and an old road, and 1.7 feet northeast of an 8- by 10 white (painted) post 12 feet high. A standard tablet stamped "Y 134 1935" and set in the top of a concrete post.

Report on Condition (TVA, July, 1946): Top has been broken off concrete post and disk removed. Base of post still in place.

ELEVATION: 4265.602 feet or 1300.158 meters (T-2)

W 124 (USC&GS, 1935; Yancey County, North Carolina)

Located at Higgins, on U. S. Highway 19 W and 23, on the Clarence Higgins property, about 225 feet southwest of the church, about 125 feet southeast of the post office, about 125 feet northwest of the Markle School, at the junction of the Hawk Branch road, 48 feet east of the highway, 32 feet south of the road, 50 feet south of the southwest corner of the foot bridge over Hawk Branch, 42.8 feet southeast of the "Homestead Guest House" sign post, and in the top of a rock outcrop. A standard tablet stamped "W 124 1935".

ELEVATION: 2390.110 feet or 728.507 meters (T-2)

W 134 (USC&GS, 1935; Yancey County, North Carolina)

Located about 3.8 miles southwest along State Highway 197 from Murchison, at a horseshoe bend in the highway, 45 feet east of a vacant house, 65 feet north of a springhouse, 28 feet northwest of a small shed, 22 feet south of the highway, 19.6 feet southeast of a 4-inch apple tree, 18.3 feet east of an 8-inch apple tree, and 6 feet south of a road leading to a house. A standard

tablet stamped "W 134 1935" and set in the top of a concrete post.

Report on Condition (TVA, July, 1946): Disk has been removed from post.

ELEVATION: 3955.383 feet or 1205.603 meters (T-2)

X 124 (USC&GS, 1935; Yancey County, North Carolina)

Located about 0.9 miles northwest along U. S. Highways 19 W and 23 from Higgins, on the Edna Wheeler property, about 600 feet northwest of the Jim Wheeler house, about 550 feet northeast of the Dan Bailey house, about 125 feet northeast of Cane River, 12 feet northwest of a branch, 22 feet northeast of the highway, 18.7 feet south-southeast of a 10-inch beech tree, 3.2 feet southwest of a 12-inch apple tree, and 3 feet southwest of a wire fence. A standard tablet stamped "X 124 1935" and set in the top of a concrete post.

ELEVATION: 2370.694 feet or 722.589 meters (T-2)

X 129 (USC&GS, 1935; Buncombe County, North Carolina)

Located about 1.3 miles south along the Paint Fork road from the post office at Barnardville, about 1.0 miles north of Paint Fork, 8 yards east of the center line of the Paint Fork road, 31.0 feet northwest of a 12-inch walnut tree, on the Earl Boone property, and in rock in the yard. A standard tablet stamped "X 129 1935".

ELEVATION: 2313.102 feet or 705.035 meters (T-2)

X 134 (USC&GS, 1935; Yancey County, North Carolina)

Located about 2.8 miles west along State Highway 197 from Murchison, 400 feet northeast of the bridge over the north fork of Elk Fork Creek, 100 feet north of a cultivated field, 32 feet north of the point where a drain crosses the highway, 20 feet northwest of the highway, 15.1 feet west of a 30-inch painted oak stump, 8.2 feet southwest of an 8-inch oak tree, and 4 feet southeast of a wire fence. A standard tablet stamped "X 134 1935" and set in the top of a concrete post.

ELEVATION: 3686.863 feet or 1123.758 meters (T-2)

Y 124 (USC&GS, 1935; Yancey County, North Carolina)

Located about 1 mile south along U. S. Highways 19 W and 23 from Lewisburg, about 90 feet southwest of a foot bridge over Cane River, about 80 feet west of the river, about 225 feet northwest of the Kelso Alkins house, 19 feet south of the southwest corner of the Wheeler garage, at the concrete box culvert over Hensley Branch, 25.8 feet east of the north corner of the west headwall, in the top of the east headwall, 8 inches south of the north end, and 5 feet east of the highway. A standard tablet stamped "Y 124 1935".

ELEVATION: 2323.099 feet or 708.082 meters (T-2)

Y 129 RESET (USC&GS, 1935, RESET N. C. Hwy. Dept., 1938; Buncombe County, N. C.)

Located 0.35 miles south on Paint Fork Creek road from intersection with U. S. Highways 19 and 23 at Barnardville, east of a wooden bridge over the creek, north of road to Maney Cemetery. A standard tablet stamped "Y 129 RESET 1938" and set in the top of a concrete post.

ELEVATION: 2209.635 feet or 673.498 meters (T-2)

Y 134 (USC&GS, 1935; Yancey County, North Carolina)

Located about 1.8 miles west along State Highway 197 from Murchison, 100 feet south of an apple orchard, 36.9 feet east-southeast of the southeast corner of a bridge over Elk Fork Creek, 18 feet south of the creek, 17 feet north of a large boulder, 3 feet north of a wire fence, 3.0 feet north of the east post of a gate on a bank and about 3 feet higher than the road. A standard tablet stamped "Y 134 1935" and set in the top of a concrete post.

Note: Searched for but not recovered, July, 1946. A hole was found at approximate location where monument possibly was dug out of ground.

ELEVATION: 3414.783 feet or 1040.828 meters (T-2)

Z 124 (USC&GS, 1935; Yancey County, North Carolina)

Located at Lewisburg, on U. S. Highway 19 W and 23, about 300 feet northeast of the intersection of State Highway 193, about 150 feet northeast of a steel bridge over Cane River, on the Rex Lewis property, about 400 feet northeast of the store, about 150 feet northeast of the Lewisburg Cafe, 100 feet southeast of Cane River, 75 feet northeast of three log cabins, 25 feet southeast of the highway, 6.3 feet south of the southwest corner of an outhouse, 6.3 feet northeast of the northwest corner of another outhouse, and 2 feet northwest of a garden fence. A standard tablet stamped "Z 124 1935" and set in the top of a concrete post.

ELEVATION: 2288.152 feet or 697.430 meters (T-2)

Z 129 (USC&GS, 1935; Buncombe County, North Carolina)

Located at Barnardville, on the Paint Fork road, at the high school, 250 feet northeast of the school building, 15 feet southeast of road that leads past the north side of school, in line with the shrubbery, 25 feet west of the center line of the main road, and 17.6 feet southwest of the north corner of the grounds. A standard tablet stamped "Z 129 1935" and set in the top of a concrete post.

ELEVATION: 2189.149 feet or 667.254 meters (T-2)

Z 134 (USC&GS, 1935; Yancey County, North Carolina)

Located about 0.8 miles west along State Highway 197 from Murchison, about 2.1 miles southwest of Pensacola, 400 feet northeast of the Monroe Atkins house, 350 feet southwest of the Welzy Gardner house, 100 feet northwest of a log cabin, at a bridge over Elk Fork Creek, 46.6 feet north-northeast of the northeast corner, 20 feet northwest of the creek, 6 feet northwest of the highway, and in a boulder. A standard tablet stamped "Z 134 1935".

ELEVATION: 3111.933 feet or 948.519 meters (T-2)