

TENNESSEE VALLEY AUTHORITY
DIVISION OF WATER CONTROL PLANNING
MAPS AND SURVEYS BRANCH

SURVEY CONTROL DATA

SYLVA, NORTH CAROLINA
QUADRANGLE 175

BULLETIN TVA-MS-175-C

CHATTANOOGA, TENNESSEE
APRIL 1951

SURVEY CONTROL DATA IN QUADRANGLE 175

A 38 (USGS, 1932; Jackson County, North Carolina)

Located at Beta, on the Southern Railway, in the south side of a concrete block building, about 180 feet north of the north rail, about 40 feet north of the center line of U. S. Highway 19. A standard tablet stamped "2145.265 A 38 1932" and set about 4-1/2 feet above ground.

ELEVATION: 2145.104 feet or 653.829 meters (C-2)

ADDIE 1 (USGS, 1934; Jackson County, North Carolina)

Located about 6 miles east of Tuckasegee, and about 14.5 miles south of Waynesville, at head of Neddie Creek, on property of A. L. Brown. To reach from junction of State Highways 281 and 107 at Tuckasegee Post Office, go east on Highway 281 for 12.4 miles to A. L. Brown's store, at Neddie Gap, thence turn left on mountain road for a distance of 0.9 miles to house on left owned by A. L. Brown, leave car and take trail westerly across field for about 1/4 mile to station. A 3/4-inch drill hole in boulder set 1-1/4 feet east of triangular blazed 12-inch ash tree, 50 feet east of crest of bald hilltop.

GEODETIC POSITION: Lat. = 35°15'33.560"; Long. = 83°00'40.165" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Cullowhee	84°11'31.6"	264°06'19.3"	4.138255	8.5
Rich	148 12 43.1	328 11 51.7	3.630277	2.7
Black Mt.	236 47 12.1	56 50 06.1	3.959483	5.7

GRID POSITION (N. C.): X = 802,906.3; Y = 573,479.8 (G-3)

ELEVATION: 4194 feet (T-5)

ADDIE 3 (USGS, 1934; Jackson County, North Carolina)

Located 3.5 miles southeast of Tuckasegee, and about 6.5 miles northeast of Glenville, on the highest point of southwestern butt of the Nigger-skull Mt. To reach from the junction of State Highways 107 and 281 at Tuckasegee, drive east on Highway 281 for 4.3 miles to a road fork, leave car and turn left on old logging road and walk about 1/4 mile to a gap, turn right and walk about 1/4 mile to top. A 3/4-inch drill hole in rock set in place about 1 foot north of base of blazed 12-inch pine located about 10 feet southeast of highest point on top.

GEODETIC POSITION: Lat. = 35°15'02.528"; Long. = 83°04'36.028" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Highland 8	6°26'51.6"	186°26'37.9"	3.728810	3.3
Cullowhee	86 43 17.0	266 40 20.9	3.888037	4.8
Black Mt.	246 19 44.6	66 24 55.0	4.171070	9.2

ADDIE 5 (USGS, 1934; Jackson County, North Carolina)

Located 5.5 miles east of Sylva, on Sugarloaf Mountain. To reach from Sylva Post Office go 0.2 miles to intersection of U. S. Highways 19 and 23 and State Highway 107, go left on U. S. Highways 19 and 23 toward Asheville for 7.25 miles to side road, turn right here and go 0.05 miles across railroad track, turn sharp left and follow road that parallels railroad for 0.15 miles to fork road, turn right across bridge and go 2.2 miles to abandoned mining settlement known as Ruby City, leave car here and follow trail up creek in southerly direction to gap in mountain, turn right in gap and follow ridge to top of Sugarloaf Mountain. Original station was 3/4-inch drill hole in rock under 12-inch chestnut tree about 45 feet east of highest point on mountain. Searched for but not recovered in 1940. Remarked with 60d nail and washer set in trunk of old signal tree about 1.5 feet above ground and referenced as follows:

Reference Mark 1: 16.95 feet N 15° E to 6-inch Spanish oak.

Reference Mark 2: 13.10 feet S 23° W to 9-inch black oak.

Reference Mark 3: 17.00 feet S 69° W to 5-inch Spanish oak.

GEODETIC POSITION: Lat. = 35°22'10.814"; Long. = 83°07'16.681" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Cullowhee	14°59'23.7"	194°58'00.2"	4.149954	8.8
Roanohole	41 40 37.8	221 36 22.5	4.225058	10.4
Perry	124 15 20.0	304 11 56.0	4.031368	7.7

GRID POSITION (N. C.): X = 771,720.5; Y = 614,951.9 (G-3)

ELEVATION: 4580 feet (T-5)

ADDIE 6 (USGS, 1934; Jackson County, North Carolina)

Located about 8.5 miles northeast of Sylva, and about 0.5 miles southeast of Balsam railroad station, on crest of knob at Ballou Hill Subdivision. To reach from Balsam railroad station follow narrow concrete road southwest for 0.47 miles to a road fork, thence go left or straight for about 200 feet to another fork, thence turn right and follow gravel road for 0.4 miles to road fork, thence turn left and go 0.25 miles to road fork, thence turn right and go 0.05 miles to house, leave car and climb to top of mountain which is about 1000 feet from this point. A 3/4-inch drill hole in rock set at base of blazed red oak on crest of local knob on ridge.

GEODETIC POSITION: Lat. = 35°25'28.477"; Long. = 83°04'39.966" (G-3)*

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Doubletop	18°48'25.5"	198°47'42.6"	3.763177	3.6
Waterrock	128 47 01.5	308 44 56.2	3.844340	4.3

ADDIE 7 (USGS, 1934; Jackson County, North Carolina)

Located 6.5 miles northeast of Sylva, on Joe Mountain. To reach from Sylva, drive east on U. S. Highways 19 and 23 for 5 miles to North Fork bridge, turn left on North Fork Creek road and go 1.5 miles to home of W. M. Dillingham, cross creek and follow old skid road around house to home of Bill Roberson 200 feet beyond house, turn left up draw to top of mountain. Original station, 3/4-inch drill hole in rock, searched for and not recovered in 1940. Station remarked with 60d nail and washer set in south root of old signal tree (locust and black oak tree joined at stump), 2 feet north of fence.

Reference Mark 1: 44.4 feet S 20° W to nail and washer in 30-inch black oak (slope taped).

Reference Mark 2: 21.0 feet S 30° W to nail and washer in 18-inch white oak (slope taped).

Reference Mark 3: 0.5 feet North to nail and washer in 14-inch locust. (slope taped).

GEODETIC POSITION: Lat. = 35°24'42.144"; Long. = 83°07'54.588" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Carver	39°09'37.8"	219°08'29.5"	3.672676	2.9
Perry	99 54 52.9	279 51 50.7	3.905708	5.0
Waterrock	174 41 08.2	354 40 55.8	3.765543	3.6

*Unchecked position.

GRID POSITION (N. C.): X = 769,220.7; Y = 630,368.0 (G-3)
ELEVATION: 3478 feet (T-5)

ADDIE 8 (USGS, 1934; Haywood County, North Carolina)

Located about 7.5 miles northwest of Waynesville, on Lickstone Mountain, on property owned by John Queen. To reach from Waynesville, at intersection of North Main Street and U. S. Highway 293, follow Highway 293 west toward Maggie for 5.0 miles to road fork, go left on newly tarred and graveled road toward Soco Gap for 8.6 miles to Soco Gap, which is at end of paved road. Top is east from the gap, trail leads up ridge to highest point. A 3/4-inch drill hole in rock outcrop under triangular blazed black oak tree.

GEODETIC POSITION: Lat. = 35°29'23.894"; Long. = 83°08'15.824" (G-3)*

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Waterrock	00°05'12.4"	180°05'12.3"	3.459361	1.8
Bunches Bald	121 26 38.7	301 24 49.7	3.743444	3.4

GRID POSITION (N. C.): X = 768,651.5; Y = 658,900.6 (G-3)*

ELEVATION: 5576 feet (T-5)

ADDIE 9 (USGS, 1934; Jackson County, North Carolina)

Located 7-1/2 miles northeast of Cullowhee, and 6-1/2 miles southeast of Balsam, on Old Bald Ridge. To reach from junction of U. S. Highway 19 and State Highway 107 at East and Main Streets in Sylva, go southeast on State Highway 107 towards Cullowhee for 11 miles to a side road just across the bridge at East Laport, thence turn left and follow Caney Fork Creek road for 2.1 miles to a side road, thence keep straight ahead for 205 feet to road fork at Cowarts, thence turn left and follow main road for 2.6 miles to road fork, thence turn right and keep straight on main road for 1.75 miles to road fork at Balsam Grove Church, thence turn right and continue on rough log road for 3.85 miles to end of road at home of Henshal Porters, thence cross creek and take trail up the ridge just left of Sassafras Gap, continue up main lead for about 1-1/4 miles (very steep) to top of ridge and flag. A 3/4-inch drill hole in rock centered under station and set flush with ground about 10 feet northeast of 36-inch white oak tree on crest of ridge.

GEODETIC POSITION: Lat. = 35°21'10.156"; Long. = 83°02'18.392" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Highlands 8	13°46'41.8"	193°45'08.6"	4.234102	10.7
Doubletop	114 27 23.2	294 25 18.4	3.776617	3.7
Rich	358 01 04.1	178 01 09.4	3.829248	4.2

GRID POSITION (N. C.): X = 796,151.7; Y = 607,809.8 (G-3)

ELEVATION: 4870 feet (T-5)

ADDIE 10 (USGS, 1934; Jackson County, North Carolina)

Located about 4.5 miles northeast of Cherokee. To reach station, use directions for "LR 465". Station is located about 200 feet southwest of "LR 465". A drill hole in boulder 12.1 feet S 15° E from triangle blazed 6-inch locust tree.

GEODETIC POSITION: Lat. = 35°29'43.852"; Long. = 83°14'55.304" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Rattlesnake				
Cliff	49°10'34.8"	229°05'08.9"	4.272933	11.6
Perry	341 15 41.0	161 16 42.8	3.922129	5.2

ADDIE 11 (USGS, 1934; Jackson County, North Carolina)

Located 3 miles south of Dillsboro, about 4 miles northwest of Cullowhee. To reach from railroad crossing at Dillsboro, follow U. S. Highway 23 south towards Franklin for 5.2 miles to a side road (from this point station can be seen on highest top about 1 mile due east), follow side road up valley keeping to left, leave car at last house and follow up valley to gap to left of top, then turn right in gap and continue to top. A 3/4-inch drill hole in boulder set at base of 12-inch blazed red oak tree on crest of hill and about 35 feet south of fence corner.

GEODETIC POSITION: Lat. = 35°19'13.805"; Long. = 83°14'37.831" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Cowee 2	94°30'56.1"	274°27'46.1"	3.920469	5.2
Dillsboro	132 18 34.1	312 17 02.2	3.734286	3.4
Perry	191 02 32.0	11 03 23.3	4.068862	7.3

GRID POSITION (N. C.): X = 734,456.3; Y = 598,612.2 (G-3)

ELEVATION: 2938 feet (T-5)

AKW 164 (TVA, 1940; Haywood-Jackson Counties, North Carolina)

Located on Grassy Bald, 6 miles southwest of Waynesville, 1-3/4 miles southeast of Balsam Gap, on county line. To reach from Balsam Post Office, drive south on Cabin Flats road for 3.0 miles to fork at Cabin Flats, bear left for 1.0 miles to Grassy Ridge Mine, at ore bins turn back to left on mine road for 0.3 miles to end of road at top of mine, go north on old trail 500 feet to bald spot on spur ridge, then follow spur ridge north 1000 feet to top of Grassy Ridge (no trail), turn right on top of Grassy Ridge on dim trail 1500 feet to intersection with County Line Ridge. Station is in edge of woods at north side of clearing, 35 feet west of northeast corner of clearing, in east edge of trail. A nail and copper washer in the south root of an 8-inch beech tree.

Reference Mark 1: 7.70 feet N 05° W to 8-inch beech tree.

Reference Mark 2: 6.66 feet N 43° W to 9-inch beech tree.

Reference Mark 3: 20.86 feet S 56° W to 12-inch beech tree.

GRID POSITION (N. C.): X = 792,872.6; Y = 632,750.5 (T-4)

ELEVATION: 5613 feet (T-5)

AKW 175 (TVA, 1941; Jackson County, North Carolina)

Located 12-1/2 miles southeast of Sylva, 13-1/2 miles south of Waynesville, on the center line of Rich Mountain, 1000 feet northeast of Sugar Creek Gap. To reach from Tuckasegee, drive west on State Highway 281 for 9 miles to a log road north, at U-turn, 1/2 mile east of Argura Post Office, drive north on log road for 0.6 miles to intersection in gap, turn right 1.0 miles to fork, bear left 0.8 miles to house of Mr. Riley, continue straight ahead 0.4 miles to switch back, turn back to left 0.3 miles to Sugar Creek Gap, turn right on center line of ridge 1000 feet to station, which is on right edge of field road. A 1- by 1-inch angle iron stamped "AKW 175 1941" and driven flush.

Reference Mark 1: 16.05 feet S 40° W to 50-inch chestnut.

Reference Mark 2: 17.91 feet N 33° W to 12-inch twisted snag.

Reference Mark 3: 35.20 feet N 40° E to 60-inch chestnut.

GRID POSITION (N. C.): X = 802,766.8; Y = 585,971.0 (T-4)

ELEVATION: 4636 feet (T-5)

"BAR 4" TVA (Just N of Cullowhee @ RIVER BRIDGE.
ELEV. 2076.77

AKW 177 (TVA, 1941; Jackson County, North Carolina)

Located 9 miles southeast of Sylva and 7 miles east of Cullowhee. To reach from East Laport, drive east on Caney Fork road for 2.0 miles to Caney Fork Church, continue straight ahead 2.0 miles to Caney Fork School, turn right 5.0 miles to Rich Mountain School, continue along creek 0.3 miles to cleared hollow on left, cross creek and climb nose of steep wooded ridge west to station near top as above. A 1- by 1-inch angle iron stamped "AKW 177 1941" and set 0.3 feet above ground, 100 feet southeast of a wooded knob at Rich Mountain.

Reference Mark 1: 20.3 feet S 10° W to nail in 16-inch red oak.

Reference Mark 2: 14.6 feet N 42° E to nail in 20-inch chestnut oak

Reference Mark 3: 11.8 feet N 05° W to nail in 10-inch hickory.

GRID POSITION (N. C.): X = 791,303.3; Y = 598,100.7 (T-4)

ELEVATION: 3729 feet (T-5)

BLACK ROCK (TVA, 1940; Jackson County, North Carolina)

Located 5 miles northeast of Sylva. To reach from intersection of U. S. Highways 19 and 23 and Buff Creek road and Addie, drive north on Buff Creek road for 1.7 miles to home of Marvin Johnson, and end of truck travel. Marvin Johnson will act as guide as trail is very difficult to find. A chiseled cross in center line of Table Rock, 500 feet east of Black Rock. Table Rock is highest point on knob and rock is 20- by 5- by 30-feet.

GRID POSITION (N. C.): X = 756,926.7; Y = 642,895.2 (T-4)

ELEVATION: 5810 feet (T-5)

BOUNDARY MARKER (GENERAL LAND OFFICE, ? ; Jackson-Haywood Counties, N. C.)

Located at Soco Gap, on State Highway 293, on Qualla Indian Reservation, 60 feet south of fence corner, 100 feet east of T-road intersection southeast, at intersection of wire fence and picket fence. A General Land Office tablet in large monument, 30 inches at base, 14 inches at top, and 4 feet above ground.

Reference Mark 1: 26.5 feet Northwest to center line of road.

Reference Mark 2: 41.5 feet Southeast to northeast corner of log. cabin.

Reference Mark 3: 6.0 feet Northwest to corner of picket fence.

ELEVATION: 4344.525 feet or 1324.214 meters (T-2)

C 38 (USC&GS, 1932; Jackson County, North Carolina)

Located 0.7 miles west along the Southern Railway from the station at Willits, 0.4 miles east of milepost 40, at bridge T39.6, in the top of the south end of east abutment, about 6 feet south of the south rail, and about 1/2 foot lower than the base of the rail. A standard tablet stamped "2555.290 C 38 1932".

ELEVATION: 2555.116 feet or 778.801 meters (C-2)

CARVER (USC&GS, 1933; Jackson County, North Carolina)

Located on summit of Carver Mountain, about 3-1/4 miles east of Sylva, 1-3/4 miles south of Addie, and 1-3/4 miles southeast of Beta. To reach from post office at Sylva, go east 2.6 miles on route 10 or 1.55 miles beyond point where pavement changes from asphalt to concrete, turn right at Beta railroad siding, cross tracks, bear left along main road, pass schoolhouse, keep left hand road through gap at point where right hand road leads upgrade, proceed about 1/4 mile, and take right fork at large house, start climb from point about 1/2 mile beyond last fork, opposite cemetery. Carver Mountain is easily identified from Beta railroad siding as nearest high peak bearing southeast about 2 miles distant. Station is 8 feet north of 12-inch blazed pine tree, 25 feet southeast of 30-inch water oak tree, and 15 feet northwest of corner of wire fence. Surface mark is a standard bronze tablet wedged in a drill hole in a boulder. Underground mark is a standard bronze disk wedged in a drill hole 3 feet below the ground.

Reference Mark 1 is a standard bronze tablet, with the arrow pointing toward the station set in concrete in a depression in outcropping bedrock, on downward slope, 10 feet west of 12-inch blazed yellow pine tree, and 4.480 meters (14.70 feet) from station in geodetic azimuth 56°21'.

Reference Mark 2 is in corner of wire fence, 12 feet east of 12-inch blazed yellow pine tree, and 4.090 meters (13.42 feet) from station in geodetic azimuth 329°29'.

GEODETIC POSITION: Lat. = 35°22'43.719"; Long. = 83°09'52.331" (C-2)

To Station	Geodetic Azimuth	Back Azimuth	Log. Meters	Miles
Rattlesnake				
Cliff	91°51'21.7"	271°43'00.7"	4.339343	13.6
Waterrock	194 24 38.1	14 25 33.9	3.989463	6.1

GRID POSITION (N. C.): X = 758,981.79; Y = 618,813.29 (C-2)

CHS 135 (TVA, 1942; Jackson County, North Carolina)

Located in the northwest corner of Quadrangle 175 SE. To reach from courthouse in Sylva, drive northeast on U. S. Highways 19 and 23 for 7.8 miles turn right at T-road, go 300 feet to railroad crossing, cross railroad, turn left and follow graded road 2.3 miles to old mine and 7 or 8 large buildings, leave car and walk up creek approximately 4000 feet to Y-fork in trails, turn right and go approximately 500 feet to another fork in trails, turn left, follow trail up hollow, about 1000 feet to low gap in mountain, turn left and go about 500 feet to highest point on Fern Mountain to station. A 1- by 1-inch angle iron.

Reference Mark 1: 10.18 feet N 39° W to 16-inch oak.

Reference Mark 2: 19.50 feet S 83° E to 8-inch chestnut oak.

Reference Mark 3: 20.90 feet S 17° E to 8-inch oak.

GRID POSITION (N. C.): X = 776,645.8; Y = 613,293.3 (T-4)

ELEVATION: 4875 feet (T-5)

CHS 139 (TVA, 1942; Jackson County, North Carolina)

Located in southwest portion of Quadrangle 175, approximately 1.25 miles (airline) from Webster. To reach from post office at Franklin, drive northeast on U. S. Highway 23 for 18.2 miles to Y-gravel road with sign pointing to Webster, turn right and go on temporary Highway 116, go 1.1 miles to Y-road at white farm house, turn right and go 0.7 miles to Y-road, turn left and go 0.5 miles to Y-road intersection, leave car at Y-road, walk north approximately 200 feet across creek, turn right through small gate and walk east up point of ridge approximately 800 feet to center line intersection of ridge, keep straight on up ridge approximately 300 feet to station. A 1- by 1-inch angle iron, west slope, about 60 feet north center line of ridge.

Reference Mark 1: 16.25 feet S 30° E to tack in 8-inch oak.

Reference Mark 2: 20.90 feet N 81° E to tack in 8-inch oak.

Reference Mark 3: 17.45 feet N 30° E to tack in 6-inch oak.

GRID POSITION (N. C.): X = 741,135.7; Y = 601,753.2 (T-4)

ELEVATION: 2474 feet (T-5)

CHS 140 (TVA, 1942; Jackson County, North Carolina)

Located at Webster. To reach from post office at Franklin, drive northeast on Highway 23 for 18.2 miles, turn right on temporary Highway 116, go 2.0 miles to Webster School, this is a new school building. Station is 25 feet east of center line of road on top of bank opposite concrete steps and walk at entrance to southeast corner of school building, in exact line with north edge of concrete walk, and 2 feet east from top of cut bank. A 1- by 1-inch angle iron.

GRID POSITION (N. C.): X = 741,000.7; Y = 606,433.1 (T-4)

ELEVATION: 2140 feet (T-5)

CHS 143 (TVA, 1942; Jackson County, North Carolina)

Located in the southwest corner of Quadrangle 175. To reach from McKee Training School at Cullowhee College, go east 500 feet to Y-road intersection, turn right on gravel road, go 2.5 miles to Speedwall, turn right up Tilley Creek road and go 0.3 miles, turn left at Y-road, still up Tilley Creek, go 3.0 miles to T-road intersection at white house on left, turn left up dim road, very rough, follow road 0.5 miles to end of truck travel, go on in same direction approximately 2000 feet along old road to farmhouse in gap in mountain, low saddle, turn left along center line of small ridge cleared, go approximately 300 feet to high point on hill, 115 feet S 80° E from large evergreen tree. A 1- by 1-inch angle iron.

GRID POSITION (N. C.): X = 736,473.5; Y = 573,262.3 (T-4)

ELEVATION: 3246 feet (T-5)

CULLOWHEE SCHOOL (USGS, 1934; Jackson County, North Carolina)

Located near Cullowhee. Station is cupola on Davies Hall, a building of Western North Carolina Teachers College.

GEODETIC POSITION: Lat. = 35°18'39.423"; Long. = 83°10'33.596" (G-3)

To Station	Geodetic Azimuth	Back Azimuth	Log. Meters	Miles
Roarenhole	45°43'47.0"	225°41'25.8"	3.936506	5.4
Perry	162 40 53.2	342 39 23.4	4.119188	8.2
Doubletop	224 44 29.5	44 47 11.2	4.001142	6.2

D 38 (USC&GS, 1932; Jackson County, North Carolina)

Located 1 mile southwest along the Southern Railway from the station at Balsam, 100 feet west of milepost 36, about 10 feet north of north rail, and about 3-1/2 feet higher than the base of the rail, in the top of a large boulder. A standard tablet stamped "3104.295 D 38 1932".

ELEVATION: 3104.006 feet or 946.103 meters (C-2)

DDS 18 (TVA, 1942; Jackson County, North Carolina)

Located about 4 miles north of Tuckasegee, 3.5 miles northeast of Cullowhee, on the first high knob west of Deep Gap. To reach from the post office at Cullowhee, drive southeast on State Highway 107 for 3.6 miles to a road fork just beyond a concrete bridge, turn left at road fork and drive 2.1 miles on the Caney Fork road to a road fork, here turn left across wooden bridge on the Moses Creek road and drive 1.7 miles to the home of D. H. Stephens, leave car here and follow trail up ridge in a northerly direction to the top, a distance of 1 mile. A hub about 100 feet south of high point on top, 3 feet south of a 36-inch dead chestnut log.

Note: "DDS 18" was set to take the place of ADDIE 4 when survey party was unable to find any evidence of old signal or drill hole.

GRID POSITION (N. C.): X = 770,736.6; Y = 602,401.3 (T-4)

ELEVATION: 4187 feet (T-5)

DOUBLETOP (USGS, 1934; Jackson County, North Carolina)

Located 7 miles east of Sylva, about 10 miles southwest of Waynesville, on summit of Doubletop Mountain, at head of Moses Creek and South Fork Sugarloaf Creek, on land of Champion Fiber Company. To reach from Sylva, go east from junction of U. S. Highways 19 and 23 and State Highway 107 at Sylva on U. S. Highways 19 and 23 toward Asheville for 7.25 miles to side road at Hall siding, turn right for 0.05 miles to road forks just across railroad tracks, thence turn left on graveled road paralleling railroad and go 0.15 miles to road forks, turn right across wooden bridge and follow main road up Sugarloaf Creek for 2.1 miles to Rodalite Company mines (abandoned), leave car and take trail in southeasterly direction to what is locally known as Sugarloaf Gap, about 1 mile, turn left and follow ridge trail leading in a northeasterly direction about 3/4 miles to station, trail forks about 3/4 mile from station, keep left fork. Station is on highest point of cleared top. To reach from Balsam Post Office drive south on Cabin Flats road for 6 miles to fork, turn right on road up Flint Spring Creek to Lumber camp for 1.0 miles, follow trail up west fork of creek to May apple Gap, turn right in gap along dim trail along fence line and center line of ridge, 1-1/2 mile to highest point. A standard tablet stamped "DOUBLETOP 1934" and set in rock outcrop.

Reference Mark 1: 31.2 feet N 80° W to drill hole in rock outcrop.

Reference Mark 2: 40.8 feet N 60° E to drill hole in rock outcrop.

Reference Mark 3: 17.1 feet S 10° E to drill hole in rock outcrop.

GEODETIC POSITION: Lat. = 35°22'30.421"; Long. = 83°05'53.999" (G-3)

To Station	Geodetic Azimuth	Back Azimuth	Log. Meters	Miles
Hog Back Mtn.	25°21'18.7"	205°16'57.4"	4.427235	16.6
Waterrock	160 02 57.3	340 01 35.0	4.020907	6.5
Black Mt.	296 46 34.9	116 52 30.9	4.240988	10.8

GRID POSITION (N. C.): X = 778,643.4; Y = 616,649.0 (G-3)

ELEVATION: 5481 feet (T-5)

E 38 (USC&GS, 1932; Jackson County, North Carolina)

Located 0.5 miles northeast along the Southern Railway from the station at Balsam, in the top of the northeast concrete pedestal of a water tank, about 18 feet south of the south rail, and level with the top of the rail. A standard tablet stamped "3314.728 E 38 1932".

ELEVATION: 3314.386 feet or 1010.227 meters (C-2)

EAGLENEST (USGS, 1934; Haywood County, North Carolina)

Located about 6 miles west of Waynesville, on Eagle Nest Mountain, on site of old hotel, and about 0.4 miles south of highest point of mountain. To reach station follow old road up mountain to old hotel site. Station is on east end of ridge and exactly where hotel once stood. Station can be reached by car. A standard tablet stamped "EAGLENEST 1934" and set in solid rock.

Reference Mark 1: 22.15 feet S 05° W to 1-inch drill hole in solid rock.
 Reference Mark 2: 10.74 feet N 42° W to 1-inch drill hole in solid rock.
 Reference Mark 3: 10.29 feet S 58° E to 1-inch drill hole in solid rock.

GEODETIC POSITION: Lat. = 35°29'44.072"; Long. = 83°02'26.828" (G-3)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
True Love	214°21'47.7"	34°23'31.3"	3.900659	4.9
Chambers	236 18 37.3	56 23 17.1	4.163461	9.1
Sentell	275 45 45.8	95 49 43.3	4.015480	6.4

GRID POSITION (N. C.): X = 797,567.8; Y = 659,750.5 (G-3)

ELEVATION: 4914 feet (T-5)

EAGLENEST "A" (TVA, 1940; Haywood County, North Carolina)

Located on west end of ridge on which old hotel stood, 100 feet southwest of center line of road at curve, 135 feet N 68° E of highest point on ridge, on center line of ridge. A 1- by 1-inch angle iron, unstamped, driven flush with ground.

Reference Mark 1: 42.40 feet S 77° W to 40-inch oak.
 Reference Mark 2: 15.65 feet S 18° W to 48-inch oak.
 Reference Mark 3: 50.72 feet S 79° E to 50-inch twin oak.

GRID POSITION (N. C.): X = 796,744.9; Y = 659,868.8 (T-4)

ELEVATION: 4942 feet (T-5)

F 38 (USC&GS, 1932; Haywood County, North Carolina)

Located 1.7 miles northeast along the Southern Railway from the station at Balsam, 1.3 miles southwest of the station platform at Saunook, 0.3 miles southwest of milepost 33, 2 rails east of a 4-foot concrete pipe culvert under the railroad, in the southeast quadrant of a county road crossing, 30 feet south of the south rail, 24 feet east of the center line of the road, and about 8 feet north of the fence line. A standard tablet stamped "3206.171 F 38 1932" and set in the top of a rock outcrop flush with the surface of the ground.

ELEVATION: 3205.850 feet or 977.145 meters (C-2)

G 38 (USC&GS, 1932; Haywood County, North Carolina)

Located 2.2 miles southwest along the Southern Railway from Hazelwood, 0.3 miles southwest of bridge 30.7, about 11 rails northeast of milepost 31, on the top of the bank of a shallow out, and 11.4 feet north of the north rail. A standard tablet stamped "2921.369 G 38 1932" and set in the top of the horizontal surface of a flat rock outcrop.

ELEVATION: 2921.037 feet or 890.334 meters (C-2)

GAGE BM 2 (USGS, 1928; Jackson County, North Carolina)

Located on right side of Scott Creek, about 2 miles upstream from mouth, at Sylva, along U. S. Highways 19 and 23, 50 feet downstream from gage, 2.35 feet above gage zero. A standard reference tablet in top of right abutment wall of artificial control.

ELEVATION: 2035.58 feet (T-3)

GAGE BM 8 (USGS, 1941; Jackson County, North Carolina)

Located on right bank of Tuckasegee River, just downstream from foot bridge over river, about 2-1/2 miles upstream from East Laport, about 1 mile downstream from confluence of east and west forks of Tuckasegee River at Tuckasegee, in top of concrete at upper end of lower headwall, 3.104 feet above gage zero. A standard reference tablet.

ELEVATION: 2128.26 feet (G-3)

GAGE BM 9 (USGS, 1941; Jackson County, North Carolina)

Located on left bank of Tuckasegee River, just downstream from foot bridge over river, about 2-1/2 miles upstream from East Laport, about 1 mile downstream from confluence of east and west forks of Tuckasegee River at Tuckasegee, in rock ledge, on left bank opposite gaging station, 2.562 feet above gage zero. A standard reference tablet.

ELEVATION: 2127.72 feet (G-3)

H 38 (USC&GS, 1932; Haywood County, North Carolina)

Located at Hazelwood, 150 yards southwest of the Southern Railway station, 80 feet southwest of the southwest corner of bridge T 28.7, about 75 feet south of the south rail, on the west edge of the Unagusta Manufacturing Co. property, at the city water tank, and in the top of the east corner of the pedestal of the north support. A standard tablet stamped "2724.079 H 38 1932".

ELEVATION: 2723.761 feet or 830.204 meters (C-2)

J 38 (USC&GS, 1932; Haywood County, North Carolina)

Located at Hazelwood, 200 feet northeast of the Southern Railway station, in the northeast quadrant of the Main Street grade crossing, at the southwest side of a warehouse and store, and in the top of the northwest corner of the loading platform. A standard tablet stamped "2716.481 J 38 1932".

ELEVATION: 2716.123 feet or 827.876 meters (T-2)

ELEVATION: 2716.143 feet or 827.882 meters (C-2)

Note: TVA leveling in 1940 indicates slight disturbance of bench mark.

LFT 876 (TVA, 1938; Jackson County, North Carolina)

Located 0.6 miles southwest of summit at Soco Gap, on old Soco Gap road, on Qualla Indian Reservation, in small clearing at sharp curve in road, 54 feet south of center line of road. A standard tablet stamped "LFT 876 1938" and set in concrete post.

Reference Mark 1: 4 feet West to 30-inch oak tree.
 Reference Mark 2: 54 feet North to center line of road on curve.
 Reference Mark 3: 40 feet Southeast to 16-inch oak tree.

ELEVATION: 4246.638 feet or 1294.378 meters (T-2)

LFT 877 (TVA, 1938; Jackson County, North Carolina)

Located 1.4 miles southwest along State Highway 293 from Soco Gap summit, on Qualla Indian Reservation, 250 feet southwest of ford on right bank of Soco Creek, on north side of old Soco Gap road, on south side of highway, approximately 100 feet northwest of Soco Falls, 3 feet above road surface, approximately 40 feet above bottom of fall, painted "PBM". A standard tablet stamped "LFT 877 1938" and set in rock outcrop.

Reference Mark 1: 8.5 feet to center line of road.
 Reference Mark 2: 19.0 feet South to 14-inch oak tree.
 Reference Mark 3: 46 feet Southeast to 18-inch oak tree.

ELEVATION: 3846.593 feet or 1172.444 meters (T-2)

LFT 878 (TVA, 1938; Jackson County, North Carolina)

Located 2.3 miles southwest of Soco Gap, on old Cherokee-Soco Gap road at first switchback curve on Cherokee road after leaving Soco Gap, 51.0 feet east of center line of switchback curve, 12.0 feet north of center line of road on upper side of curve, 15.0 feet south of center line of road on lower side, set inside the curve. A standard tablet stamped "LFT 878 1938" and set in concrete monument.

Reference Mark 1: 12.0 feet West to twin tree on inside of curve.
 Reference Mark 2: 27.0 feet North to 8-inch spruce tree.
 Reference Mark 3: 51.0 feet West to center line switchback curve.

ELEVATION: 3227.480 feet or 983.738 meters (T-2)

LFT 879 (TVA, 1938; Jackson County, North Carolina)

Located 3.0 miles southwest of Soco Gap summit, 8.7 miles east from Cherokee, on old Soco Gap road, on Qualla Indian Reservation, 170 feet north-west of log house, on north bank of Soco Creek, 4 feet above creek bed, 24 feet southeast of center line of road. A standard tablet stamped "LFT 879 1938" and set in boulder.

Reference Mark 1: 70 feet South to 18-inch spruce tree.
 Reference Mark 2: 24 feet Northwest to center line of road.
 Reference Mark 3: 5 feet North to 6-inch poplar.

ELEVATION: 2896.736 feet or 882.927 meters (T-2)

LFT 880 (TVA, 1938; Jackson County, North Carolina)

Located 4.0 miles southwest of Soco Gap summit, 7.7 miles east from Cherokee, on old Soco Gap road, on property of Ollie Bird, approximately 250 feet north of Soco Creek, 11.5 feet north of center line of road, set in southeast corner of small garden plot. A standard tablet stamped "LFT 880 1938" and set in concrete post.

Reference Mark 1: 11.5 feet South to center line of road.
 Reference Mark 2: 40.0 feet Northeast to southwest corner of Bird's residence.

Reference Mark 3: 27.0 feet East to 6-inch walnut tree.

ELEVATION: 2644.460 feet or 806.033 meters (T-2)

LFT 881 (TVA, 1938; Jackson County, North Carolina)

Located 4.8 miles southwest of Soco Gap summit, 6.9 miles east from Cherokee, on Soco Gap road, on Qualla Indian Reservation, approximately 100 feet north of north bank of Soco Creek, approximately 300 feet west from Y-road junction. A standard tablet stamped "LFT 881 1938" and set in concrete post.

Reference Mark 1: 21.0 feet South to center line of road.
 Reference Mark 2: 40.0 feet East to 10-inch poplar tree.

Reference Mark 3: 30.5 feet South to 6-inch spruce tree painted "H"

Note: Searched for but not recovered, September, 1941.

ELEVATION: 2521.691 feet or 768.613 meters (T-2)

LFT 882 (TVA, 1938; Jackson County, North Carolina)

Located 5.7 miles southwest of Soco Gap summit, 6.0 miles east from Cherokee, on old Soco Gap road, on property of Jasper Queen, at the west end of a sharp curve in road, approximately 200 feet south from Jasper Queen's residence, approximately 100 feet north of Soco Creek, in small pasture, 2.5 feet south of fence. A standard tablet stamped "LFT 882 1938" and set in concrete post.

Reference Mark 1: 25.5 feet Northwest to 18-inch apple tree.
 Reference Mark 2: 12.0 feet North to center line of road.
 Reference Mark 3: 36.2 feet Southwest to 20-inch apple stump.

ELEVATION: 2411.951 feet or 735.164 meters (T-2)

LFT 883 (TVA, 1938; Jackson County, North Carolina)

Located 6.7 miles southwest of Soco Gap summit, 5.0 miles east from Cherokee, on old Soco Gap road, on Qualla Indian Reservation, at Y-road intersection, about 1000 feet south of Blue Wing Church. A standard tablet stamped "LFT 883 1938" and set in concrete post.

Reference Mark 1: 18.0 feet Northwest to 18-inch sycamore tree.
 Reference Mark 2: 23.0 feet South to center line of road.
 Reference Mark 3: 54.5 feet South to north end of log bridge over Soco Creek.

Note: Searched for but not recovered, September, 1941.

ELEVATION: 2287.141 feet or 697.122 meters (T-2)

LFT 889 (TVA, 1938; Jackson County, North Carolina)

Located about 6 miles (airline) north of Sylva, 0.9 miles south of intersection of Soco and Shut-in Creeks, on Shut-in Creek trail, 75.0 feet south of intersection of trail and Shut-in Creek, 0.3 miles south along trail from house and log cabin opposite each other, first house south along trail, 2.5 feet above trail, directly across creek from conspicuous leaning tree. A standard tablet stamped "LFT 889 1938" and set in boulder.

Reference Mark 1: 6.5 feet West to center line of trail.
 Reference Mark 2: 25.5 feet North to 24-inch spruce tree.
 Reference Mark 3: 33.0 feet South to 18-inch buckeye tree.

ELEVATION: 2980.896 feet or 908.579 meters (T-2)

LFT 890 (TVA, 1938; Jackson County, North Carolina)

Located about 5 miles (airline) north of Sylva, 1.6 miles south of junction of Soco and Shut-in Creeks, on Shut-in Creek trail, about 1/2 mile north of Wolfpen Gap, south of trail and creek crossing, 0.3 miles south of old sawmill and cleared fields, 18.0 feet below trail, across trail from cluster of spruce trees, on a sort of table-top plot between trail and creek, west edge of small hollow, 125 feet west of creek. A standard tablet stamped "LFT 890 1938" and set in the top of a boulder.

Reference Mark 1: 22.5 feet North to 26-inch buckeye.
 Reference Mark 2: 24.0 feet South to 15-inch maple.
 Reference Mark 3: 69.5 feet West to center line of trail.

ELEVATION: 3483.681 feet or 1061.828 meters (T-2)

LFT 891 (TVA, 1938; Jackson County, North Carolina)

Located 5.2 miles north of Sylva, 0.25 miles north of Wolfpen Gap, on Wolfpen Gap trail, on the southeast slope of Sheepback Mountain, at a point where trail is east and west, 150 feet southwest of trail forks, in west edge of trail. A standard tablet stamped "LFT 891 1938" and set in small rock outcrop.

Reference Mark 1: 70 feet East to 36-inch chestnut.
 Reference Mark 2: 60 feet North to 24-inch oak.
 Reference Mark 3: 39 feet Northeast to 6-inch spruce.

ELEVATION: 4528.042 feet or 1380.150 meters (T-2)

LHT 892 (TVA, 1938; Jackson County, North Carolina)

Located 3.7 miles (airline) northeast from Sylva, on Wolfpen Gap trail, about 1.0 miles south by trail from Wolfpen Gap, approximately 1500 feet by trail from house, 80 feet below and 150 feet west of main trail, 150 feet north from stone dam, set in large boulder on west side of bed of Dills Creek. A standard tablet stamped "LHT 892 1938" and set in bedrock.

Reference Mark 1: 24 feet to intersection of a second trail and creek.

Reference Mark 2: 150 feet South to dam.

Reference Mark 3: 26 feet North to large boulder.

ELEVATION: 3671.928 feet or 1119.206 meters (T-2)

LHT 893 (TVA, 1938; Jackson County, North Carolina)

Located 2.9 miles (airline) northeast of Sylva, on Wolfpen Gap trail, 50 yards south of small hollow, 2.5 feet above trail to Wolfpen Gap, 0.5 miles north of road and trail forks, 50 yards north of cleared field on west side of trail, on a curve, directly across hollow from conspicuous rock bluff. A standard tablet stamped "LHT 893 1938" and set in boulder.

ELEVATION: 3085.368 feet or 940.422 meters (T-2)

LHT 894 (TVA, 1938; Jackson County, North Carolina)

Located 2.5 miles (airline) northeast from Sylva, on Monteith Branch road, on property of R. E. Moore, 1.0 miles north from Smoky Mountain Grille, in farmyard, 9 feet south of center line of driveway to Moore residence. A standard tablet stamped "LHT 894 1938" and set in concrete post.

Reference Mark 1: 43.4 feet East to northwest corner of house.

Reference Mark 2: 18.8 feet Southeast to 24-inch walnut tree.

Reference Mark 3: 30.0 feet West to center line of road.

ELEVATION: 2539.726 feet or 774.110 meters (T-2)

LHT 895 (TVA, 1938; Jackson County, North Carolina)

Located 1.5 miles northeast from Sylva, on U. S. Highways 19 and 23, on property of Raliegth Warren, at T-road junction of gravel road with highway, 116 feet northeast of northeast corner of brick building of "Smoky Mountain Grille", 500 feet southwest of entrance to Maple Springs Camp. A standard tablet stamped "LHT 895 1938" and set in concrete post.

Reference Mark 1: 50.8 feet South to center line of pavement.

Reference Mark 2: 40.2 feet West to center line of gravel road.

Reference Mark 3: 75.6 feet Southeast to telephone pole painted "FBM".

ELEVATION: 2109.625 feet or 643.015 meters (T-2)

LHT 1626 (TVA, 1939; Jackson County, North Carolina)

Located 2.4 miles south of Southern Railway station at Dillsboro, by way of Dillsboro-Webster road, on right bank of Tuckasegee River, 2.0 miles upstream from highway bridge across river, on property of Cynthia Love. To reach from railroad station at Dillsboro, go 2.4 miles up right bank of Tuckasegee River. Station is on right bank of river at north end of first swinging bridge across river, above Dillsboro, 8.3 feet south of north end of south guard rail to swinging bridge, 26.5 feet north of capacity warning sign on bridge, south of center line of county road. A standard tablet stamped "LHT 1626 1940" and set in concrete post.

Reference Mark 1: 37.0 feet Southwest to power pole.

Reference Mark 2: 11.3 feet Northeast to northeast corner of plank floor of bridge.

Reference Mark 3: 17.5 feet North to center line of county road.

ELEVATION: 2002.975 feet or 610.508 meters (T-2)

LHT 1627 (TVA, 1939; Jackson County, North Carolina)

Located 3.6 miles southeast of Southern Railway station at Dillsboro, by way of Dillsboro-Webster county road, on right bank of Tuckasegee River, 0.3 miles downstream from steel bridge over Tuckasegee River at Webster, 14.5 feet east of center line of county road, 9.0 feet north of center line of drive to east, 42.0 feet east of northeast corner of barn, about 200 feet south of brick garage, 2.0 feet northeast of corner of plank and woven wire fence, in fence corner. A standard tablet stamped "LHT 1627 1940" and set in concrete post, nearly flush.

Reference Mark 1: 47.2 feet Northeast to 8-inch willow.

Reference Mark 2: 51.1 feet North to southeast corner of small wood bridge.

Reference Mark 3: 1.5 feet West to light pole with meter.

ELEVATION: 2016.810 feet or 614.725 meters (T-2)

LHT 1628 (TVA, 1939; Jackson County, North Carolina)

Located 4.6 miles southeast of Southern Railway station at Dillsboro, by way of county road on right bank of Tuckasegee, on property of C. B. Parker, 0.7 miles upstream from steel bridge over Tuckasegee River at Webster, 20.8 feet north of center line of county road, 23.7 feet east of southeast corner of 1-1/2 story frame house, 10.0 feet north of end of woven wire fence, about 10 feet north of top of road bank. A standard tablet stamped "LHT 1628 1940" and set in concrete post.

Reference Mark 1: 14.0 feet Southwest to 6-inch double apple tree.

Reference Mark 2: 15.5 feet North to 4-inch apple tree.

Reference Mark 3: 20.2 feet East to 4-inch peach tree.

ELEVATION: 2026.932 feet or 617.810 meters (T-2)

LHT 1629 (TVA, 1939; Jackson County, North Carolina)

Located 3.5 miles south of Sylva Post Office, 57 feet east of center line of State Highway 107, at T-road intersection to east, 15 feet south of T-road east, 2 feet north of northwest corner of old shop building, 350 feet north of Y-road intersection, 125 feet west of old Tuckasegee and Southeastern Railroad bridge, at bottom of hill at a sharp curve. A standard tablet stamped "LHT 1629 1940" and set in concrete monument.

Reference Mark 1: 55 feet East to 15-inch sycamore.

Reference Mark 2: 53.4 feet West to Davis' mailbox.

ELEVATION: 2036.817 feet or 620.823 meters (T-2)

LHT 1630 (TVA, 1939; Jackson County, North Carolina)

Located 4.4 miles south of Sylva Post Office, on State Highway 107, on property of Riverside Country Club, 39 feet east of center line of highway, 52 feet southeast of east end of concrete culvert, 0.1 miles southeast of a T-road to west, on left bank of small hollow, at southwest corner of golf course, at northeast edge of pine thicket. A standard tablet stamped "LHT 1630 1940" and set in concrete post.

Reference Mark 1: 59.8 feet West to a telephone pole.

Reference Mark 2: 22.5 feet North to a 10-inch mulberry tree.
Reference Mark 3: 51.0 feet Southeast to a 10-inch pine tree.
ELEVATION: 2042.502 feet or 622.556 meters (T-2)

LHT 1631 (TVA, 1939; Jackson County, North Carolina)

Located 5.4 miles southeast of Sylva Post Office, on State Highway 107, on right bank of small drain, 27 feet north of center line of highway, 2 feet north of barbed wire fence, 17.2 feet west of north end of concrete culvert, between telephone and transmission line crossing road. A standard tablet stamped "LHT 1631 1940" and set in concrete post.

Reference Mark 1: 51.0 feet South to telephone pole.

Reference Mark 2: 33.0 feet West to north end of Jarret Springs Hotel sign.

Reference Mark 3: 62.0 feet East to a 20-inch pine tree.

Reference Mark 4: 47.8 feet West to 10-inch pine in fence row.

ELEVATION: 2065.193 feet or 629.472 meters (T-2)

LHT 1632 (TVA, 1939; Jackson County, North Carolina)

Located 6.4 miles southeast of Sylva Post Office, on State Highway 107, 6.0 feet above road level, in a clump of trees on west side of highway, 30 feet west of center line of highway, 12 feet west of west edge (top) of small cut, 1000 feet south of concrete culvert crossing road, 250 feet southwest of one-story house on hillside. A standard tablet stamped "LHT 1632 1940".

Reference Mark 1: 49.5 feet South to a power pole.

Reference Mark 2: 73.4 feet North to 8-inch twin black walnut tree.

Reference Mark 3: 77.7 feet Northeast to east end of culvert.

ELEVATION: 2089.868 feet or 636.993 meters (T-2)

LHT 1634 (TVA, 1939; Jackson County, North Carolina)

Located 1.0 miles east of post office in Cullowhee, by way of county road, on right bank of Tuckasegee River, on property of John C. Long, 100 feet southeast of residence of John C. Long, in front yard, 55.9 feet north of northwest corner of bridge over Wayehutta Creek, 22 feet west of center line of county road. A standard tablet stamped "LHT 1634 1940" and set in concrete post.

Reference Mark 1: 15.8 feet Northeast to 10-inch pine.

Reference Mark 2: 31.0 feet Southwest to 15-inch pine.

Reference Mark 3: 50.5 feet Northwest to 8-inch spruce.

Note: Searched for but not recovered, November, 1941. Property owner reports that monument is under 3 feet of silt deposited by flood waters.

ELEVATION: 2069.084 feet or 630.658 meters (T-2)

LHT 1635 (TVA, 1939; Jackson County, North Carolina)

Located 2.2 miles southeast of post office in Cullowhee, by way of county road, on right bank of Tuckasegee River, 0.75 miles downstream from bridge over Tuckasegee River, 24 feet south of center line of road, 34 feet southwest of 24-inch metal culvert. A standard tablet stamped "LHT 1635 1940" and set in concrete post.

Reference Mark 1: 38.0 feet North to 14-inch black locust.

Reference Mark 2: 5.5 feet South to 15-inch black walnut.

Reference Mark 3: 40.0 feet Northwest to 12-inch black locust.

Note: Searched for but not recovered, November, 1941. Monument may be covered by silt.

ELEVATION: 2087.135 feet or 636.160 meters (T-2)

LHT 1637 (TVA, 1939; Jackson County, North Carolina)

Located 0.9 miles west of East Laport, 2.6 miles southeast of post office in Cullowhee, by way of State Highway 107, 31.1 feet north center line of highway, in forks between old and new highways, 16.4 feet west of corner fence post, 150 feet northwest of north end of metal culvert, across highway from one-story frame house. A standard tablet stamped "LHT 1637 1940" and set in concrete post.

Reference Mark 1: 14.5 feet Southeast to 12-inch double persimmon.

Reference Mark 2: 48.5 feet East to telephone pole no. 287.

Reference Mark 3: 48.5 feet North to 6-inch pine.

ELEVATION: 2146.574 feet or 654.277 meters (T-2)

LHT 1638 (TVA, 1939; Jackson County, North Carolina)

Located at East Laport, 3.5 miles southeast of post office in Cullowhee, by State Highway 107, on east side of highway, 65 feet east of center line of highway at former railroad crossing, 10 feet north of north rail of railroad, 75 feet west of post office, 6.5 feet west of southwest corner of small building. Standard tablet stamped "LHT 1638 1940" set in concrete post.

Reference Mark 1: 17.7 feet North to center line of road east.

Reference Mark 2: 32.4 feet Northeast to corner of yard fence.

Reference Mark 3: 36.0 feet South to telephone pole.

Reference Mark 3: 30.0 feet North to 6-inch persimmon tree.

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

ELEVATION: 2128.063 feet or 648.635 meters (T-2)

LHT 1639 (TVA, 1939; Jackson County, North Carolina)

Located 2.4 miles northwest of post office at Tuckasegee, 12.6 miles southeast of courthouse at Sylva, 4.7 miles southeast of post office at Cullowhee, on State Highway 107 right-of-way, 1.1 miles south of East Laport Post Office, 0.2 miles upstream from large monument to Aunt Salley that is on west side of highway at sharp curve, about 250 feet northwest of T-road intersection to west, 300 feet downstream northeast end of steel bridge over Tuckasegee River, on right bank, on northeast side of highway, 26 feet from center line, 100 feet southeast of 20-foot rock cut on east side of highway, 58 feet east of "Side Road to Right" sign 65 feet north of large rock boulder across highway and upstream, at bottom of dirt bank. A standard tablet stamped "LHT 1639 1940" and set in concrete post.

Reference Mark 1: 86.0 feet S 85° W to 8-inch poplar tree.

Reference Mark 2: 63.5 feet S 35° W to 12-inch locust tree (painted BM).

Reference Mark 3: 85.0 feet Due South to 12-inch locust tree.

ELEVATION: 2138.585 feet or 651.842 meters (T-2)

LHT 1640 (TVA, 1939; Jackson County, North Carolina)

Located 94 feet south of post office in Tuckasegee, 15.0 miles southeast of courthouse at Sylva, 7.1 miles southeast of post office in Cullowhee, on State Highway 107, at junction with State Highway 281, 3.5 miles south of East Laport, on right bank of East Fork Tuckasegee River, on north end of upstream concrete headwall, 0.8 feet north of north end of east guard wall, 4.0

feet south of end of headwall, 3.7 feet above floor of bridge, 7.7 feet southwest of Highway 281 road sign post, 26.5 feet east of "East Fork of Tuckasegee River" sign post, 75 feet southeast of southeast corner of store building, on west side of Highway 107, 80 feet southwest of southwest corner of store building on east side of Highway 107. A standard tablet stamped "LHT 1640 1940" and set in concrete headwall of bridge.

Reference Mark 1: 65.5 feet N 75° W to 3-inch white pine tree.

Reference Mark 2: 112.0 feet N 30° W to Texaco gas pump.

Reference Mark 3: 86.0 feet N 05° E to Shell gas pump.

Report on Condition (TVA, 1941): Flood waters have disturbed this bridge.

Elevation probably not good for precise levels.

ELEVATION: 2158.001 feet or 657.760 meters (T-2)

LHT 1641 (TVA, 1939; Jackson County, North Carolina)

Located 1.2 miles south of post office at Tuckasegee, 16.2 miles southeast of courthouse at Sylva, 16.1 miles north of post office at Cashiers, on State Highway 107, 8.3 miles southeast of post office at Cullowhee, 4.7 miles south of East Laport, 1.2 miles south of intersection of State Highway 281 with State Highway 107, set at east end of concrete culvert, on south end of east headwall, 1.0 feet north of south end of headwall over southeast wingwall, 12 feet east of center line of highway, 84.3 feet south of Baxter Hooper's Estate mailbox at Y-road intersection up hollow, 132 feet north of "Winding Road" sign, about 1000 feet west of tin top barn up hollow. A standard tablet stamped "LHT 1641 1940" and set flush and horizontally in concrete headwall of culvert.

Reference Mark 1: 116.0 feet S 35° W to telephone pole.

Reference Mark 2: 96.5 feet Due North to telephone pole with transposition equipment

ELEVATION: 2168.231 feet or 660.878 meters (T-2)

LHT 1669 (TVA, 1939; Jackson County, North Carolina)

Located 1.9 miles northeast of post office in Cullowhee, 9.8 miles southeast of courthouse in Sylva, on Wayehutta Creek road, on property of Elbert Watson, on left bank of Wayehutta Creek, 1.0 miles upstream from mouth of creek, on east side of road, 30 feet from center line of road, 50 feet north of spring branch at road, 90 feet north of Elbert Watson's house, 82 feet southwest of Will Crawford's two-story frame house, 64 feet west of spring house, 54.9 feet south of 6-inch boxwood tree across creek from two barns, 6.5 feet east of 4-inch double cherry tree. A standard tablet stamped "LHT 1669 1940" and set in concrete post.

Reference Mark 1: 46.9 feet N 20° E to 12-inch maple tree.

Reference Mark 2: 25.2 feet Due South to 5-inch walnut tree.

Reference Mark 3: 82.0 feet S 75° E to 30-inch spruce pine tree at spring.

ELEVATION: 2210.268 feet or 673.691 meters (T-2)

LHT 1670 (TVA, 1939; Jackson County, North Carolina)

Located 3.2 miles northeast of post office in Cullowhee, 11.1 miles southeast of courthouse in Sylva, on Wayehutta Creek road, on property of J. R. Dill, on right bank of creek, about 2.3 miles upstream from confluence of creek into Tuckasegee River, on northwest side of road, 35.5 feet from center line of road, 16.5 feet from top of road bank, 17.5 feet east of small branch, 55 feet west of plank bridge over creek to barn, about 75 feet north of barn across creek, 76 feet west of southwest corner of two-story frame residence of J. R. Dill, 22 feet south of southeast corner of chicken house, 24 feet south of southwest corner of chicken house about 5 feet above surface of road, about 15 feet west of path to house. A standard tablet stamped "LHT 1670 1940" and set in concrete post.

Reference Mark 1: 22.0 feet N 25° W to southeast corner of chicken house.

Reference Mark 2: 37.7 feet N 45° E to 8-inch apple tree.

Reference Mark 3: 94.0 feet S 80° E to 14-inch apple tree across creek.

ELEVATION: 2482.639 feet or 756.710 meters (T-2)

LHT 1671 (TVA, 1939; Jackson County, North Carolina)

Located 4.4 miles northeast of post office in Cullowhee, 12.3 miles southeast of courthouse in Sylva, on Wayehutta Creek road, about 3.4 miles up creek from confluence of creek into Tuckasegee River, on right bank of creek, 12.5 feet from water's edge, 0.6 miles upstream from Wayehutta School building, between creek and road, 14 feet from center line of road, at upstream end of small cultivated area between creek and road, 14.5 feet west of 15-inch spruce pine and 15-inch maple tree that stand together on creek bank, 60 feet west of center line of creek at trail crossing that goes up hillside on east side of creek, just across road from old house site, 45.5 feet southwest of spring. A standard tablet stamped "LHT 1671 1940" and set in concrete post.

Reference Mark 1: 87.0 feet N 60° W to 15-inch white oak tree across road at large boulder.

Reference Mark 2: 11.7 feet S 70° E to 10-inch beech tree.

Reference Mark 3: 55.0 feet N 40° E to 30-inch beech tree across creek.

ELEVATION: 2824.719 feet or 860.976 meters (T-2)

LHT 1672 (TVA, 1939; Jackson County, North Carolina)

Located 5.4 miles northeast of post office in Cullowhee, 13.9 miles southeast of courthouse in Sylva, on Wayehutta Creek road, on W. T. Rogers' property, about 4.5 miles up Wayehutta Creek from mouth of creek on right bank of creek, about 1.5 miles upstream from Wayehutta School building, on south side of road in corner of yard, 33.8 feet northwest of northwest corner of W. T. Rogers' 1-1/2 story frame residence, 40 feet north of southwest corner of W. T. Rogers' house, 10 feet south of small drain, 26 feet south of wood shed across road, 59 feet south of spring on left bank of creek, about 4 feet above surface of road, set nearly flush 18 feet west of 2-inch spruce pine tree, 7.8 feet west of 2-inch twin cherry trees. A standard tablet stamped "LHT 1672 1940" and set in concrete post.

Reference Mark 1: 35.6 feet N 70° W to 5-inch apple tree.

Reference Mark 2: 31.3 feet S 30° E to stone chimney at west end of house.

Reference Mark 3: 57.0 feet N 85° E to maple tree on right bank of creek.

ELEVATION: 3190.213 feet or 972.379 meters (T-2)

LHT 1673 (TVA, 1939; Jackson County, North Carolina)

Located 3.0 miles southwest of Southern Railway station at Willits, 10.3 miles east of courthouse in Sylva, by way of U. S. Highways 19 and 23,

and Soapstone Creek road, 2.2 miles south of Hall, on Soapstone Gap trail, on property of Price Dillard, 0.3 miles north of Soapstone Gap, on right bank of Soapstone Creek, near head of creek, about 1000 feet up creek from large two-story frame house on left bank of creek, on side of trail, 105 feet from center line of trail, 38 feet north of center line of branch where trail crosses, about 300 feet north or down trail from old apple orchard that is just north of gap, 31.5 feet north of center line of branch, at barb wire fence at curve in trail where trails fork, 2.3 feet north of east and west crack in rock outcrop, about 4 feet above surface of trail, 9.7 feet west of 18-inch chestnut oak tree on bank of trail. A standard tablet stamped "LHT 1674 1940" and set flush and horizontally in rock outcrop.

Reference Mark 1: 39.2 feet S 10° W to 10-inch poplar tree in fence line.

Reference Mark 2: 29.4 feet S 80° W to 6-inch dogwood tree across fence.

Reference Mark 3: 40.8 feet N 10° W to 10-inch white oak tree.

ELEVATION: 3351.650 feet or 1021.585 meters (T-2)

LHT 1674 (TVA, 1939; Jackson County, North Carolina)

Located 1.8 miles south of Southern Railway station at Willits, 9.1 miles east of Courthouse at Sylva, via U.S. Highways 19 and 23 and Soapstone Creek road, on Soapstone Creek road, on Noah Henry's property, 1.5 miles south of Willits School, 1.2 miles south of Hall at Southern Railway (Murphy Branch) 3.1 miles southeast of railroad station at Addie, left bank of Soapstone Creek, about 1.0 miles upstream from mouth, 26 feet west center line road, 48.5 feet southeast of southeast corner one-story log and frame house, 34.5 feet southeast 4-inch boxwood tree, 29 feet northwest of center line creek where road crosses, 60 feet north of spring, 27.5 feet southeast of 15-inch evergreen hedge tree. Standard tablet stamped "LHT 1674 1940", set in concrete post.

Reference Mark 1: 15.9 feet S 10° E to 6-inch Columbia poplar.

Reference Mark 2: 54.0 feet N 55° W to stone chimney at south end of house

Reference Mark 3: 7.4 feet S 60° W to spruce pine tree.

ELEVATION: 2718.738 feet or 828.673 meters (T-2)

LHT 1675 (TVA, 1939; Jackson County, North Carolina)

Located 1.0 miles southeast of post office at Tuckasegee, 16.0 miles southeast of courthouse at Sylva, 8.1 miles southeast of post office at Cullowhee, on State Highway 281, 4.5 miles southeast of East Laport, on north side of highway, 21 feet from center line of highway, 60 feet east of small wood bridge over branch, 1.0 feet north of barb wire fence, 42.8 feet east of corner of barb wire fence, near bridge, 6.5 feet west of boulder, set in thinly wooded area, across river and about 700 feet north of large two-story frame house painted white with red roof. A standard tablet stamped "LHT 1675 1940" and set in concrete monument.

Reference Mark 1: 12.8 feet N 50° W to 6-inch forked walnut tree.

Reference Mark 2: 8.5 feet S 55° E to 12-inch willow tree.

Reference Mark 3: 17.5 feet N 85° E to 10-inch persimmon tree.

ELEVATION: 2165.590 feet or 660.073 meters (T-2)

LHT 1676 (TVA, 1939; Jackson County, North Carolina)

Located 2.0 miles southeast of post office in Tuckasegee, 17.0 miles southeast of courthouse at Sylva, 9.1 miles southeast of post office at Cullowhee, on State Highway 281 right-of-way, 5.5 miles southeast of East Laport, outside of second sharp hairpin curve up ridge, 50 feet northwest of inside point of road bank, 3 feet east of corner of barb wire fence, just east of where fence goes down side of ridge, about 110 feet west of yellow "Turn" road sign, at northeast corner of pine thicket. A standard tablet stamped "LHT 1676 1940" and set in concrete monument.

Reference Mark 1: 3.0 feet Due West to corner fence post.

Reference Mark 2: 17.8 feet N 25° W to 6-inch hickory tree.

Reference Mark 3: 54.0 feet S 45° E to 30-inch chestnut stump, inside curve.

ELEVATION: 2484.313 feet or 757.220 meters (T-2)

LHT 1677 (TVA, 1939; Jackson County, North Carolina)

Located 2.9 miles southeast of Tuckasegee Post Office, 17.9 miles southeast of courthouse at Sylva, 10 miles southeast of post office at Cullowhee, on State Highway 281, on Alonzo Brown's property, 6.4 miles southeast of East Laport, on left bank of Niggerskull Creek, on east side of highway, 29 feet east of southeast corner of bridge over Niggerskull Creek, 55.5 feet southeast of northeast corner of bridge over creek, 2 feet west of rock outcrop, about 250 feet east of one-story frame cabin. A standard tablet stamped "LHT 1677 1940" and set in concrete monument.

Reference Mark 1: 8.3 feet S 55° E to 3-inch Spanish oak tree (slope chain).

Reference Mark 2: 17.5 feet N 05° W to 6-inch forked locust tree.

Reference Mark 3: 45.5 feet N 80° W to southwest corner of bridge.

ELEVATION: 2438.217 feet or 743.170 meters (T-2)

LHT 1680 (TVA, 1939; Jackson County, North Carolina)

Located 2.4 miles southwest of post office at Argura, 6.2 miles southeast of post office at Tuckasegee, on State Highway 281, 2.5 miles southwest of Oak Hill School, on south side of highway, 65 feet from center line of highway, outside of sharp curve, 2.8 feet southwest of southwest corner of large garage, 26 feet west of southeast corner of southeast corner of garage. A standard tablet stamped "LHT 1680 1940" and set in concrete monument.

Reference Mark 1: 4.8 feet N 15° W to 8-inch Spanish oak tree.

Reference Mark 2: 3.1 feet Due South to 24-inch Spanish oak tree.

Reference Mark 3: 41.1 feet S 80° W to 15-inch white oak tree.

ELEVATION: 2823.393 feet or 860.572 meters (T-2)

LHT 1722 (TVA, 1939; Haywood County, North Carolina)

Located 1.3 miles south of post office at Hazelwood, 2.7 miles southwest of courthouse at Waynesville, on Allen Creek road, 0.6 miles south of intersection of Allen Creek road with U. S. Highways 19 and 23, across road in front of Allen Creek School, on right bank of Allen Creek, on north end of east abutment to bridge, just south of where wingwall starts to slope downward, 63 feet southwest of west end of concrete walk to school building, 97.7 feet northwest of water fountain in schoolyard, 47 feet west of center line of new road, 48 feet northwest of two-mailboxes, 118.5 feet west of southwest corner of school building. A standard tablet stamped "LHT 1722 1940" and set horizontally on concrete abutment of bridge.

Reference Mark 1: 56.2 feet S 15° E to 12-inch forked box elder tree on right bank of creek.

Reference Mark 2: 46.0 feet Due West to 2-inch poplar tree on left bank of creek.

Reference Mark 3: 132.5 feet N 60° E to northwest corner of school building.

ELEVATION: 2819.975 feet or 859.530 meters (T-2)

LHT 1723 (TVA, 1939; Haywood County, North Carolina)

Located 2.3 miles south of post office at Hazelwood, 3.7 miles southwest of courthouse at Waynesville, on Allen Creek road, on property of John B. Grasty, 1.5 miles south of intersection of Allen Creek road with U. S. Highways 19 and 23, 0.9 miles south of Allen Creek School, at Micadale Episcopal Church, 54 feet west of entrance to church, 2.5 feet south of south gate post, 1.3 feet west of woven wire fence, 15.2 feet south of 8-inch forked dogwood tree in church yard, 43 feet east of center line of road, about 125 feet south of one-story house of John B. Grasty. A standard tablet stamped "LHT 1723 1940" and set in concrete monument.

Reference Mark 1: 34.8 feet N 30° E to 15-inch cedar tree in church yard.

Reference Mark 2: 7.9 feet Due East to 10-inch balsam tree in church yard.

Reference Mark 3: 34.0 feet Due South to 60-inch poplar tree in church yard near corner.

ELEVATION: 2903.190 feet or 884.894 meters (T-2)

LHT 1724 (TVA, 1939; Haywood County, North Carolina)

Located 3.5 miles south of post office at Hazelwood, 4.9 miles southwest of courthouse at Waynesville, on Allen Creek road, 2.7 miles south of intersection of Allen Creek road with U. S. Highways 19 and 23, 2.1 miles south of Allen Creek School, 0.4 miles north of Rocky Branch Church on left bank of Allen Creek, 30.5 feet west of center line of county road, 10 feet south of center line of T-road, 63 feet east of small stone building housing water filter equipment, 29 feet southwest of north gate post, 27 feet southwest of 5-inch spruce pine tree in fence corner. A standard tablet stamped "LHT 1724 1940" and set in concrete monument.

Reference Mark 1: 5.0 feet N 80° W to 24-inch black locust tree.

Reference Mark 2: 244.0 feet S 80° E to 24-inch spruce pine tree across county road.

Reference Mark 3: 50.0 feet N 65° E to 14-inch maple tree across county road.

ELEVATION: 3042.996 feet or 927.507 meters (T-2)

LHT 1725 (TVA, 1939; Haywood County, North Carolina)

Located 4.8 miles south of post office at Hazelwood, by way of Allen Creek road, 6.2 miles south of courthouse at Waynesville, by way of Deep Gap road, in the Quinland community, 160 feet south of Y-road intersection to Deep Gap, 26.5 feet southwest of center line of Deep Gap road, 75.5 feet southeast of east end of old concrete and stone steps, 300 feet east of old church building, 13.5 feet northeast of woven wire fence, 41 feet south of 30-inch chestnut stump across road, 12 feet north of 12-inch hickory tree. A standard tablet stamped "LHT 1725 1940" and set in concrete monument.

Reference Mark 1: 18.2 feet S 55° W to 12-inch white oak tree, blazed.

Reference Mark 2: 13.3 feet S 60° W to 8-inch forked Spanish oak tree, blazed.

Reference Mark 3: 29.6 feet N 55° W to 50-inch maple tree, blazed.

ELEVATION: 3223.829 feet or 982.625 meters (T-2)

LHT 1741 (TVA, 1939; Jackson County, North Carolina)

Located 1.2 miles southwest of post office at Argura, 7.3 miles east of post office at Tuckasegee, on State Highway 281, on property of Dave Brown, 1.4 miles southwest of Oak Hill School, on west side of highway, 23.0 feet from center line of highway, on left bank of creek, 200 feet southeast of wood bridge over creek, 78.5 feet north of old abandoned one-story log cabin, 27 feet east of toe of slope and west end of rock outcrop, 58 feet north of gully, 9 feet southeast of clump of small hickory trees, 4.5 feet west of top layer of ledge. A standard tablet stamped "LHT 1741 1940" and set horizontally in rock outcrop.

Reference Mark 1: 54.0 feet S 45° W to 18-inch black locust tree.

Reference Mark 2: 83.0 feet S 30° W to 6-inch black gum tree, on creek bank.

Reference Mark 3: 95.0 feet N 25° W to 5-inch leaning peach tree.

ELEVATION: 3086.687 feet or 940.824 meters (T-2)

LHT 1742 (TVA, 1939; Jackson County, North Carolina)

Located 0.2 miles south of post office in Argura, 8.4 miles east of post office at Tuckasegee, on State Highway 281, on property of Water Melton, 0.4 miles southeast of Oak Hill School, 1.9 miles northwest of Sols Creek Cemetery, on north side of highway, 60 feet from center line of highway, 40 feet east of T-road to northwest, 73 feet west of southwest corner of J. D. Broome Grocery Store, 84.5 feet west of gasoline pump, 47.5 feet north of north end of 15-inch metal culvert, 105 feet east of yellow "Stop" sign, east of ditch near south edge of small wooded area. A standard tablet stamped "LHT 1742 1940" and set in concrete monument.

Reference Mark 1: 26.4 feet N 40° E to 6-inch white oak tree.

Reference Mark 2: 49.0 feet N 45° W to double 20-inch Spanish oak trees.

Reference Mark 3: 38.6 feet N 80° W to 15-inch Spanish oak tree.

Report on Condition (TVA, May, 1946): Recovered in poor condition.

Bronze cap was knocked out and 2 or 3 inches of concrete knocked off.

ELEVATION: 3290.860 feet or 1003.056 meters (T-2)

LHT 1743 (TVA, 1939; Jackson County, North Carolina)

Located 1.7 miles southeast of post office at Argura, 9.9 miles east of post office at Tuckasegee, on State Highway 281, on property of Claude Brown, 200 feet southwest of old Meggs & Fremont Survey Line, 0.4 miles northwest of Sols Creek Cemetery, southeast of Oak Hill School, on top of Dodgen Ridge at gap, on west side of road, 23 feet from center line of road, 4 feet west of rail fence, 40 feet west of pole gate across road on road bank, east of path, 300 feet south of corner of rail fence and woods on east side of road, in large pasture field and across highway from small newly cleared area. A standard tablet stamped "LHT 1743 1940" and set in concrete monument.

Reference Mark 1: 48.8 feet Due West to 18-inch chestnut stump.

Reference Mark 2: 49.5 feet N 55° E to 3-inch peach tree across highway.

Reference Mark 3: 79.0 feet N 45° W to 15-inch chestnut stump.

ELEVATION: 3731.003 feet or 1137.212 meters (T-2)

LHT 1744 (TVA, 1939; Jackson County, North Carolina)

Located 17.4 miles northwest of post office at Lake Toxaway, 1.7 miles southeast of post office at Argura, on State Highway 281, 7 miles northwest of Wolf Mountain Post Office, 2 miles northwest of Meddle Mountain Baptist Church, on north side of highway, 60 feet from center line of highway, 25.5 feet west of center line of old road up branch, 59 feet north of west end of 24-inch metal culvert, 70 feet northwest of mailbox, 87 feet northwest of southwest corner of wood bridge, 115 feet northwest of road intersection across branch. A standard tablet stamped "LHT 1744 1940" and set in concrete monument.

Reference Mark 1: 26.5 feet N 20° W to 12-inch white oak tree.

Reference Mark 2: 3.4 feet S 55° W to 12-inch Spanish oak tree.

Reference Mark 3: 38.4 feet S 10° E to twin 12-inch maple trees.

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

ELEVATION: 3516.696 feet or 1071.891 meters (T-2)

LHT 1745 (TVA, 1939; Jackson County, North Carolina)

Located 3.9 miles east of post office at Argura, 12.1 miles east of post office at Tuckasegee, on Sols Creek road, 6.3 miles northwest of Charley Creek School, 1.1 miles west of Parker Gap, 1.9 miles northeast of Sols Creek Cemetery, on right bank of Sols Creek, 50 feet west of ford at Sols Creek, on north side of road, 19 feet from center line of road, 65 feet southeast of small spring, 75 feet east of corner of pole fence of small lot, 54.5 feet northeast of north end of 12-inch metal culvert. A standard tablet stamped "LHT 1745 1940" and set in concrete monument.

Reference Mark 1: 3.6 feet S 10° W to 15-inch forked apple tree.

Reference Mark 2: 49.0 feet S 55° W to 3-inch maple tree.

Reference Mark 3: 94.0 feet N 25° W to 15-inch apple tree.

ELEVATION: 3668.835 feet or 1118.263 meters (T-2)

LHT 1746 (TVA, 1939; Jackson County, North Carolina)

Located at Parker Gap, 5 miles east of post office at Argura, 13.2 miles east of post office at Tuckasegee, on Sols Creek road or Cathey Gap road, 5.2 miles northwest of Charley Creek School, 2.9 miles northeast of Sols Creek Cemetery, on east side of road, 19.5 feet from center line of road, 45 feet south of center line of road and gap, 82.5 feet south of corner of pole fence at gap, 48.5 feet southeast of south gate post, 109 feet northeast of lone apple tree, 5 feet above surface of road, 7.8 feet south of 10-inch double white oak tree, 29 feet southwest of 30-inch forked Spanish oak tree. A standard tablet stamped "LHT 1746 1940" and set in concrete monument.

Reference Mark 1: 6.8 feet N 30° W to 12-inch forked white oak.

Reference Mark 2: 4.2 feet N 45° E to 12-inch white oak tree.

Reference Mark 3: 73.5 feet S 45° E to 18-inch double white oak tree.

ELEVATION: 4037.850 feet or 1230.739 meters (T-2)

LHT 1863 (TVA, 1939; Jackson County, North Carolina)

Located 3.3 miles southeast of U. S. Post Office in Argura, 16.3 miles northwest of U. S. Post Office at Lake Toxaway, 5.9 miles northwest of U. S. Post Office at Wolf Mountain, on State Highway 281, 0.9 miles northwest of Neddle Gap, on west side of Neddle Mountain, on east side of highway, 19 feet from center line of highway, 77 feet south of end of rail fence on road bank, at point of sharp curve, 3 feet west of small spring, 12.3 feet east of east end of 12-inch metal culvert, 18 feet north 20-inch chestnut stump, 9.8 feet southwest small maple tree, 22.9 feet southwest 12-inch black locust. A standard tablet stamped "LHT 1863 1941", set horizontally in rock outcrop.

Reference Mark 1: 25.8 feet N 50° E to 8-inch dogwood tree.

Reference Mark 2: 32.0 feet Due East to 8-inch leaning sourwood.

Reference Mark 3: 34.0 feet S 20° E to 6-inch sourwood tree.

ELEVATION: 3452.677 feet or 1052.378 meters (T-2)

IR 462 (TVA, 1939; Jackson County, North Carolina)

Located about 8 miles south of Dillsboro. To reach from railroad crossing at Dillsboro, drive south on U. S. Highway 23 to Y-road 9.35 miles, turn left 200 feet, then left again 1.75 miles to Y-road, turn left up woods road 1.0 miles to a large barn, walk up old road up creek 2000 feet to forks of trail, turn right up creek to upper edge of old field 0.5 miles, walk up ridge to left and follow dim trail to gap, walk up knob at right for 500 feet to station on highest point on knob, 30 feet east of three dead chestnuts at ridge intersection. A 1- by 1-inch angle iron stamped "TVA IR 462 1939".

Reference Mark 1: 25.62 feet N 30° W to nail in blazed 12-inch oak.

Reference Mark 2: 25.65 feet N 30° E to nail in blazed 18-inch oak.

GRID POSITION (N. C.): X = 732,994.3; Y = 573,413.2 (T-4)

ELEVATION: 4608 feet (T-5)

IR 465 (TVA, 1939; Jackson County, North Carolina)

Located about 4.5 miles northeast of Cherokee. To reach from intersection of State Highway 107E and Soco Gap road at Cherokee, drive east on Soco Gap road for 2 miles, turn left on Wright Creek road and go 1.8 miles to Y-intersection, turn left and go 1.4 miles (at this point a new road is being built - station can be reached on this road by car). Station is approximately 0.75 miles south along new road location, 200 feet south of first U-bend in road, from point of ridge intersection 50 feet northeast of center line of road. A 1- by 1-inch angle iron stamped "TVA IR 465 1939".

Reference Mark 1: 1.95 feet East to nail in chestnut stump.

Reference Mark 2: 9.86 feet N 60° W to 10-inch chestnut.

Reference Mark 3: 16.24 feet N 15° W to triangular blaze in 18-inch oak.

GRID POSITION (N. C.): X = 735,807.8; Y = 662,483.8 (T-4)

ELEVATION: 3388 feet (T-5)

IR 542 (TVA, 1940; Jackson County, North Carolina)

Located 6 miles southwest of Waynesville. To reach from Waynesville Post Office, drive southwest on U. S. Highways 19 and 23 for 6.9 miles to Balsam Gap, take Y-road right 500 feet south of gap drive, 2.85 miles on Hood road to sharp curve at Y-road intersection, about midway curve and on inside of curve about midway slope of cut, on north side of road. A 1- by 1-inch angle iron.

Reference Mark 1: 39.25 feet S 45° W to 12-inch oak.

Reference Mark 2: 36.63 feet S 80° W to 3-inch locust.

Reference Mark 3: 7.90 feet East to 10-inch oak on bank of cut.

GRID POSITION (N. C.): X = 781,325.4; Y = 641,815.6 (T-4)

ELEVATION: 4222 feet (T-5)

IR 548 (TVA, 1940; Haywood County, North Carolina)

Located about 5 miles west of Waynesville. To reach from intersection of U. S. Highways 19 and 23 and State Highway 284 in Waynesville, follow State Highway 284 to Maggie, turn left up Campbell Creek, go 0.4 miles, turn left up Johnson Branch, go 1.3 miles, end of truck travel, continue on foot up Johnson Branch about 3/4 miles to log chute on right, climb up log chute for 200 feet to trail, follow trail to gap, turn right and go to highest point on knob about 1000 feet. A 1- by 1-inch angle iron.

Reference Mark 1: 10.35 feet N 10° W to 10-inch chestnut.

Reference Mark 2: 11.3 feet S 80° E to 24-inch twin oak.

Reference Mark 3: 14.9 feet S 70° W to 12-inch oak.

GRID POSITION (N. C.): X = 779,469.1; Y = 659,044.8 (T-4)

ELEVATION: 5401 feet (T-5)

IR 549 (TVA, 1940; Jackson County, North Carolina)

Located 4.5 miles east of Sylva. To reach from Waynesville, drive southwest from post office 11.6 miles on U. S. Highways 19 and 23 to Y-road forks at railroad station at Hall, bear left on Y-road, go 2.0 miles to Y-roads, bear left, go 2.2 miles to Chestnut Gap, end of truck travel, walk northeast along old road to old barn, bear right to top of ridge, continue up ridge to highest point, 500 feet north on small round knob. A 1- by 1-inch angle iron.

Reference Mark 1: 13.90 feet N 50° E to fence post.

Reference Mark 2: 15.00 feet N 80° E to fence post.

Reference Mark 3: 14.25 feet South to 3-inch sassafras bush.

GRID POSITION (N. C.): X = 765,453.2; Y = 616,545.6 (T-4)

ELEVATION: 3757 feet (T-5)

IR 580 (TVA, 1940; Jackson County, North Carolina)

Located 4.0 miles east of Sylva. To reach from Waynesville, drive southwest from post office for 11.6 miles on U. S. Highways 19 and 23 to Y-road forks, at railroad station at Hall, bear left on Y-roads to 2.0 miles to Y-roads, bear left and go 2.2 miles to Chestnut Gap, end of truck travel, walk northwest along old road 1000 feet, on north edge of old road 100 feet west of woods line and old field on south side of old road. A 1- by 1-inch angle iron.

Reference Mark 1: 9.95 feet N 25° W to locust stump.

Reference Mark 2: 11.1 feet S 40° W to 2-inch locust stump.

Reference Mark 3: 19.4 feet S 80° E to 3-inch tree.

GRID POSITION (N. C.): X = 762,587.9; Y = 615,665.4 (T-4)

ELEVATION: 3177 feet (T-5)

IR 581 (TVA, 1940; Jackson County, North Carolina)

Located 7 miles (airline) southwest of Waynesville. To reach from Waynesville Post Office, drive southwest on U. S. Highways 19 and 23 for 9.3 miles, turn right on Y-road and go 0.5 miles, turn right on Y-road and go 0.1 miles to gap, turn right and go 0.1 miles, on top of small knoll where road turns left around top of hill, about 100 feet from road. A 1- by 1-inch angle iron.

Reference Mark 1: 3.45 feet S 75° W to 10-inch sourwood.

Reference Mark 2: 15.4 feet N 50° E to 10-inch oak.

Reference Mark 3: 16.4 feet S 55° E to 12-inch oak.

GRID POSITION (N. C.): X = 774,746.1; Y = 633,348.7 (T-4)

ELEVATION: 3040 feet (T-5)

IR 582 (TVA, 1940; Jackson County, North Carolina)

Located 7.0 miles (airline) southwest of Waynesville. To reach from Waynesville Post Office, drive southwest on U. S. Highways 19 and 23 for 8.6 miles to T-road, turn right and go 200 feet, turn left and go 0.25 miles, turn left, go 0.3 miles, turn left, go 0.3 miles to old house 300 feet west of road, follow trail around old house to top of ridge, 10 feet south of fence and 100 feet north of trail on ridge line. A 1- by 1-inch angle iron.

Reference Mark 1: 13.05 feet S 60° E to 48-inch chestnut stump.

Reference Mark 2: 36.90 feet S 30° W to 30-inch oak.

Reference Mark 3: 12.55 feet West to 12-inch oak stump.

GRID POSITION (N. C.): X = 773,721.3; Y = 638,602.1 (T-4)

ELEVATION: 3906 feet (T-5)

IR 583 (TVA, 1940; Haywood County, North Carolina)

Located 2 miles west of Hazelwood. To reach from Hazelwood Post Office, drive west on concrete pavement for 0.4 miles to end of concrete, turn left at Y-road, go 0.4 miles, turn left at Y-road, go 0.7 miles, turn right at Y-road and go 0.6 miles, turn right at Y-road go 0.5 miles, turn right at Y-road and go 0.4 miles, west edge of T-road north of intersection, about 100 feet west of sharp curve. A 1- by 1-inch angle iron.

Reference Mark 1: 26.45 feet S 15° W to northwest corner shed.

Reference Mark 2: 17.2 feet S 50° W to northeast corner shed.

Reference Mark 3: 6.7 feet N 60° E to post west of T-road north.

GRID POSITION (N. C.): X = 797,510.4; Y = 656,371.8 (T-4)

ELEVATION: 3538 feet (T-5)

IR 586 (TVA, 1940; Haywood County, North Carolina)

Located 3.5 miles south of Waynesville. To reach from Waynesville Post Office, drive south on U. S. Highways 19 and 23 for 1.7 miles, turn left on Allen Creek road, go 1.55 miles, turn left on T-road, go 0.1 miles, turn left and go 200 feet to two small houses (one log and one frame), 45 feet west of log house on west edge of road. A 1- by 1-inch angle iron.

Reference Mark 1: 46.9 feet N 80° E to northwest corner log house.

Reference Mark 2: 42.38 feet S 80° E to southwest corner log house.

Reference Mark 3: 31.78 feet South to 20-inch stump.

GRID POSITION (N. C.): X = 807,930.3; Y = 641,517.3 (T-4)

ELEVATION: 2944 feet (T-5)

IR 587 (TVA, 1940; Jackson County, North Carolina)

Located about 8 miles south of Waynesville. To reach from Waynesville, drive south on U. S. Highways 19 and 23, 1.7 miles, turn left on Allen Creek road and go 3.7 miles to Y-road, turn right and follow old Bald Mountain road to old Bald Gap about 3 miles, car can be taken part way. From gap walk southwest along trail and ridge 1 mile. Point is on partly cleared knob, about 1500 feet southwest of low gap on ridge. A 1- by 1-inch angle iron.

Reference Mark 1: 4.10 feet S 75° E to 34-inch oak.

Reference Mark 2: 30.82 feet S 85° W to 36-inch oak.

Reference Mark 3: 66.95 feet S 50° W to 30-inch oak.

GRID POSITION (N. C.): X = 794,890.4; Y = 614,991.3 (T-4)

ELEVATION: 5467 feet (T-5)

IR 588 (TVA, 1940; Jackson-Haywood Counties, North Carolina)

Located about 9 miles south of Waynesville. To reach from Waynesville Post Office, drive south on Highways 19 and 23 for 1.7 miles, turn left on Allen Creek road and go 3.7 miles to Y-road, turn right and follow old Bald Mountain road to old Bald Gap, turn left southeast on main ridge 1.0 miles on top of mountain to angle iron northwest of fence. A 1- by 1-inch angle iron.

Reference Mark 1: 5.4 feet N 20° W to fence post.

Reference Mark 2: 9.0 feet West to fence post.

Reference Mark 3: 7.0 feet S 20° E to 10-inch beech.

GRID POSITION (N. C.): X = 805,089.0; Y = 616,395.5 (T-4)

ELEVATION: 5880 feet (T-5)

IR 589 (TVA, 1940; Haywood County, North Carolina)

Located about 9.5 miles south of Waynesville. To reach from Waynesville Post Office, drive south on U. S. Highways 19 and 23 for 1.7 miles, turn left on Allen Creek road and go 3.7 miles to Y-road, turn right on old Bald Mountain road to old Bald Gap, turn left southeast on main ridge about 1.75 miles to top of mountain. Angle iron northwest of old fence in small cleared space. A 1- by 1-inch angle iron.

Reference Mark 1: 5.5 feet N 25° W to 20-inch balsam snag.

Reference Mark 2: 7.9 feet N 65° W to fence post.

Reference Mark 3: 29.6 feet S 25° E to 20-inch balsam stump.

GRID POSITION (N. C.): X = 807,771.5; Y = 615,337.8 (T-4)

ELEVATION: 6063 feet (T-5)

MS 763 (TVA, 1942; Jackson County, North Carolina)

Located in the north central portion of Quadrangle 175 SE. To reach from railroad station at Balsam, drive south 0.8 miles to T-road right, keep to left driving straight ahead for 0.4 miles to Y-road intersection, keep to left, driving 6.2 miles over very rough road to T-road right, turn right on T-road and drive 1.3 miles south to end of car travel, climb south along trail up right fork of Flint Spring Creek for 0.6 miles to Mayapple Gap, turn left in gap and climb east along foot trail 1.0 miles to highest top on ridge called "Snaggy Bald. Station is 10 feet south of highest top of ridge. A 1- by 1-inch angle iron stamped "MS 763".

Reference Mark 1: 47.80 feet S 16° W to tack and washer in 12-inch chestnut oak snag.

Reference Mark 2: 32.30 feet S 70° E to tack and washer in 10-inch chestnut oak snag.

Reference Mark 3: 14.40 feet N 24° W to tack and washer in 30-inch chestnut oak.

GRID POSITION (N. C.): X = 788,360.2; Y = 613,461.9 (T-4)

ELEVATION: 5471 feet (T-5)

MS 764 (TVA, 1942; Jackson County, North Carolina)

Located in north central portion of Quadrangle 175 SE. To reach from railroad station in Balsam, drive south 0.8 miles to T-road right, keep to left, driving straight ahead for 0.4 miles to Y-road intersection, keep to left driving 6.2 miles over very rough road to T-road right, turn right on T-road and drive 1.3 miles south to end of car travel, climb south along trail up right fork of Flint Spring Creek for 0.6 miles to Mayapple Gap, turn left in gap and climb east along foot trail for 0.7 miles to point where trail crosses center line of Coward Mountain, just north of saddle, turn right and walk south along center line of Coward Mountain, passing through saddle and climbing to top of Coward Bald, in all a distance of approximately 0.6 miles. Station is on east end of top of mountain. A 1- by 1-inch angle iron stamped "MS 764".

Reference Mark 1: 38.20 feet N 07° W to tack and washer in 4-inch locust.

Reference Mark 2: 29.08 feet S 45° E to tack and washer in 28-inch chestnut oak.

Reference Mark 3: 28.95 feet S 25° W to tack and washer in 18-inch chestnut oak.

GRID POSITION (N. C.): X = 786,580.7; Y = 609,066.1 (T-4)

ELEVATION: 5187 feet (T-5)

MS 765 (TVA, 1942; Jackson County, North Carolina)

Located in east central portion of Quadrangle 175 SW, on pyramid top on south end of Black Mountain. To reach from intersection of U. S. Highway 19 and State Highway 107 at east edge of Sylva, drive southeast on Highway 107 for 11.5 miles to T-road left at East Laport, turn left onto T-road and drive 2.0 miles to T-road left, turn left onto T-road, crossing creek and continue for 0.9 miles to T-farm road left, turn left onto farm road and drive 0.15 miles to barn in hollow, park car and walk northwest along sled road up hollow, passing house and going in all approximately 1000 feet to point where sled road turns left, crossing branch, follow this sled road west approximately 1500 feet to upper end or west edge of corn field on slope, continue west up hollow through woods approximately 600 feet to top of ridge, turn right on ridge and climb along path on center line northwest for approximately 2800 feet to top of high knob on south end of Black Mountain. Station is 25 feet southeast of center line of top of ridge. A 1- by 1-inch angle iron stamped "MS 765".

Reference Mark 1: 26.41 feet S 32° E to nail and washer in 14-inch dead chestnut.

Reference Mark 2: 10.44 feet S 60° W to nail and washer in 36-inch twin dead chestnut.

Reference Mark 3: 18.75 feet N 30° E to nail and washer in 12-inch hickory.

GRID POSITION (N. C.): X = 765,516.9; Y = 597,440.2 (T-4)

ELEVATION: 3719 feet (T-5)

MS 766 (TVA, 1942; Jackson County, North Carolina)

Located in the extreme southeast corner of Quadrangle 175 SW. To reach from Western Carolina State Teachers College steam plant at Cullowhee, drive southeast along State Highway 107 for 4.4 miles passing through East Laport, to steel bridge on T-road right, turn right onto T-road and drive southwest, crossing steel bridge, keeping straight ahead for 0.5 miles to T-farm road left, turn left onto T-road and drive up mountain for 2.2 miles to saddle at top of mountain, turn left and drive northeast up center line of grassy ridge 700 feet to top of grassy knob, park car and walk northeast down center line of ridge passing through saddle and continue to high wooded top on northeast end of ridge, in all approximately 1100 feet. Station is just south of center line of high top. A 1- by 1-inch angle iron stamped "MS 766".

Reference Mark 1: 21.32 feet N 56° E to nail and washer in 24-inch red oak.

Reference Mark 2: 18.52 feet S 48° E to nail and washer in 8-inch dead chestnut oak.

Reference Mark 3: 9.11 feet S 60° W to nail and washer in 36-inch white oak.

GEODETIC POSITION: Lat. = 35°16'14.91"; Long. = 83°08'29.58" (T-4)

Geodetic Azimuth to MS 769: 335°03'.

GRID POSITION (N. C.): X = 764,188.6; Y = 579,253.9 (T-4)

Grid Azimuth to MS 769: 337°26'.

ELEVATION: 3505 feet (T-5)

MS 767 (TVA, 1942; Jackson County, North Carolina)

Located in east central portion of Quadrangle 175 SE. To reach from new concrete bridge in Cullowhee, drive upstream along left bank of Tuckasegee River along State Highway 107 through Western Carolina State Teachers College 3.6 miles to T-road left at concrete bridge in East Laport, turn left onto T-road and go 4.2 miles to T-road left at Caney Fork School, follow road northeast 4.9 miles to T-road right at Rich Mountain, turn right, driving southeast up Sugar Creek for 0.9 miles, parking at old house, continue on foot southeast up Sugar Creek, following foot trail 1.2 miles to clearing and old vacant barn near site where old house stood, turn left and climb northeast up through south edge of patch, continuing up very steep side of mountain to high point on apparent south end of top of mountain, in all approximately 1/2 mile. Station is 100 feet north of high point of ridge, 20 feet west of center line of ridge. A 1- by 1-inch angle iron stamped "MS 767".

Reference Mark 1: 6.80 feet N 32° E to tack and washer in 6-inch oak.

Reference Mark 2: 14.26 feet S 15° W to tack and washer in 10-inch hickory.

Reference Mark 3: 12.88 feet N 80° W to tack and washer in 36-inch chestnut oak.

GRID POSITION (N. C.): X = 799,831.1; Y = 592,210.6 (T-4)

ELEVATION: 4438 feet (T-5)

MS 768 (TVA, 1942; Jackson County, North Carolina)

Located in east central portion of Quadrangle 175 SE. To reach from new concrete bridge in Cullowhee, drive south through college grounds along State Highway 107 upstream 3.6 miles to T-road left at East Laport, turn left on T-road and go 4.2 miles to T-road left at Caney Fork School, follow road northeast 4.9 miles to T-road right on Rich Mountain, turn right driving southeast up Sugar Creek for 0.9 miles, parking car at old house, continue on foot up Sugar Creek southeast, following foot trail 1.2 miles to clearing and old vacant barn 100 yards southeast of site of old house recently torn down, turn right at south corner of said barn and walk S 34° W crossing creek and climbing up wooded ridge side to station on small flat plot on steep slope, in all a distance of 360 feet. A 1- by 1-inch angle iron stamped "MS 768".

Reference Mark 1: 6.40 feet N 75° E to tack and washer in 6-inch ash stump.

Reference Mark 2: 13.62 feet S 75° W to tack and washer in 6-inch ash.

Reference Mark 3: 7.26 feet S 73° E to tack and washer in 3-inch ash.

GRID POSITION (N. C.): X = 797,437.8; Y = 591,221.6 (T-4)

ELEVATION: 3483 feet (T-5)

MS 770 (TVA, 1942; Jackson County, North Carolina)

Located in the extreme west central portion of Quadrangle 175 south-east. To reach from the intersection of U. S. Highway 19 and State Highway 107 on the east edge of Sylva, drive southeast on State Highway 107 for 11.5 miles to T-road left at East Laport, turn left onto T-road and drive 2.4 miles northeast, parking car at farm road right, walk south across sandy field 600 feet to 12-inch maple on north edge and bank of small drain. Station is on north side at base of 12-inch maple tree. A 1- by 1-inch angle iron stamped "MS 770".

Reference Mark 1: 1.70 feet S 73° W to tack and washer in 12-inch maple tree.

Reference Mark 2: 15.60 feet S 30° E to tack and washer in 8-inch dead maple.

GRID POSITION (N. C.): X = 770,195.3; Y = 590,364.4 (T-4)

ELEVATION: 2209 feet (T-5)

MS 771 (TVA, 1942; Jackson County, North Carolina)

Located in the west central portion of Quadrangle 175 SE. To reach from intersection of U. S. Highway 19 and State Highway 107 at eastern edge of Sylva, drive southeast on State Highway 107 for 11.5 miles to T-road left at East Laport, turn left onto T-road and drive northeast 2.1 miles to T-road left at bridge, turn left and drive north 1.05 miles to south side of small culvert, park car and take foot trail on east side of road, follow trail southeast up hollow for approximately 2000 feet to last small log house on small plateau in center line of hollow, from east corner of house climb S 26° E 465 feet to station on steep slope 50 feet northwest of fence. A 1- by 1-inch angle iron stamped "MS 771".

Reference Mark 1: 28.40 feet N 20° E to tack and washer in 14-inch dead chestnut stump.

Reference Mark 2: 40.37 feet N 18° W to tack and washer in 12-inch locust.

GRID POSITION (N. C.): X = 774,312.7; Y = 596,291.9 (T-4)

ELEVATION: 3039 feet (T-5)

N 47 (USC&GS, 1932; Jackson County, North Carolina)

Located about 1.7 miles south along U. S. Highway 23 from Dillsboro, about 100 feet south of a curve, about 25 feet west of the west bank of the Tuckasegee River, opposite the downstream end of a 400 foot island, in the east face of a rock bluff, 6 feet west of the west edge of the highway, and 5 feet higher than the highway. A standard tablet stamped "2011.226 N 47 1932" and set vertically.

ELEVATION: 2011.105 feet or 612.986 meters (C-1)

N 487 (TVA, 1938; Jackson County, North Carolina)

Located 2 miles (airline) southwest of Sylva, on left side of Tuckasegee River, 65 feet from end of foot bridge over river just above Savannah Creek, on property of Walter Bradley, on top of concrete wall, 4 feet above ground, 12 feet south of a garage, 24 feet north of large barn, at gate to front yard, of Walter Bradley's house. A chiseled square.

ELEVATION: 2003.49 feet (T-3)

N 488 (TVA, 1938; Jackson County, North Carolina)

Located 1.5 miles south (airline) of Sylva, on downstream end of bottom step of concrete steps leading to yard of first house on right side of Tuckasegee River, above foot bridge near mouth of Savannah Creek. A chiseled square.

Note: Searched for but not recovered, April, 1946. Steps were badly worn.

ELEVATION: 2007.38 feet (T-3)

N 489 (TVA, 1938; Jackson County, North Carolina)

Located 2 miles (airline) south of Sylva, 300 feet from bank of Tuckasegee River, 30 feet east of center line of road, 9 feet east of fence and approximately 1000 feet north of school building on top of hill, on right side of Tuckasegee River. Nail and washer in root of 8-inch locust tree.

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

ELEVATION: 2027.59 feet (T-3)

N 490 (TVA, 1938; Jackson County, North Carolina)

Located on left bank 0.65 miles above bridge over Tuckasegee River at Webster, in front yard of house where gravel road turns from river and trail takes off upriver, 30 feet west of small branch. Nail and washer.

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

ELEVATION: 2017.59 feet (T-3)

N 492 (TVA, 1938; Jackson County, North Carolina)

Located 2.9 miles north along State Highway 107 from Cullowhee, on right side of Tuckasegee River, and on land side of highway, about 0.5 miles upriver from Ash bridge, and 200 feet east along road from "Carolina Hotel" sign, on west end of north headwall of small culvert. A chiseled square.

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

ELEVATION: 2043.51 feet (T-3)

N 493 (TVA, 1938; Jackson County, North Carolina)

Located 2.4 miles north of Cullowhee, along State Highway 107, on east side of road, 0.8 miles below Cane Creek, 15 feet from center line and 1 foot above road level. Chiseled point on rock ledge in highway cut.

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

ELEVATION: 2060.95 feet (T-3)

N 494 (TVA, 1938; Jackson County, North Carolina)

Located 1.4 miles north of Cullowhee, along State Highway 107, on rock outcrop, about 70 feet below "Highway Curve" sign, 1 foot above road level, 12 feet east of center line of road, about 600 feet upriver from Lily M. Davis' home. A chiseled square.

ELEVATION: 2071.99 feet (T-3)

N 495 (TVA, 1938; Jackson County, North Carolina)

Located 1.4 miles north of Cullowhee, along State Highway 107, about 1000 feet upstream from Cane Creek, on northeast end of east headwall of small culvert under highway. A chiseled square.

ELEVATION: 2085.44 feet (T-3)

N 496 (TVA, 1938; Jackson County, North Carolina)

Located about 0.7 miles north of Cullowhee, along State Highway 107, about 400 feet upstream from 1-1/2 story white house with green roof, 240 feet upstream from driveway to garage, 15 feet east of center line of road, 1 foot above road level. A chiseled square on rock ledge.

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

ELEVATION: 2064.18 feet (T-3)

N 504 (TVA, 1938; Jackson County, North Carolina)

Located 1 mile below East Laport, and about 200 feet from right bank of Tuckasegee River, on southeast corner of foundation of barn on Mrs. E. D. Hopkins' farm. A chiseled square.

ELEVATION: 2107.92 feet (T-3)

N 505 (TVA, 1938; Jackson County, North Carolina)

Located 1/2 mile (airline) southwest of East Laport, on State Highway 107 and wagon road, on rock outcrop along wagon road down right side of Tuckasegee River, about 1000 feet below point where wagon road joins State Highway 107, 6 feet west of center line of road, 60 feet downstream from highest point of road. A chiseled point.

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

ELEVATION: 2130.76 feet (T-3)

N 507 (TVA, 1938; Jackson County, North Carolina)

Located 0.5 miles south along State Highway 107 from East Laport. Top of main cable anchor on downstream side of bridge, on left side of Tuckasegee River, 21 feet from end of floor to bridge, 36 feet southwest of "A" frame of bridge.

ELEVATION: 2120.82 feet (T-3)

N 508 (TVA, 1938; Jackson County, North Carolina)

Located 0.8 miles south of East Laport, on State Highway 107, on concrete footing of granite monument erected by Dr. J. R. Brinkley in memory of his Aunt Sally, at east end of base on southeast corner of monument, 27 feet north of center line of highway. A chiseled square.

ELEVATION: 2144.914 feet or 653.771 meters (T-2)

N 509 (TVA, 1938; Jackson County, North Carolina)

Located 1.6 miles southwest along State Highway 107 from East Laport, 200 feet from Tuckasegee River, 200 feet upstream from Mrs. J. T. Jackson's house, 80 feet above small branch, on rock outcrop on right side of Tuckasegee River, 300 feet below large barn, 75 feet riverward from center line of highway. A chiseled square.

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

ELEVATION: 2139.62 feet (T-3)

N 510 (TVA, 1938; Jackson County, North Carolina)

Located 2.0 miles south of East Laport, 1.5 miles below Tuckasegee, on right bank of Tuckasegee River, and north side of State Highway 107, about 2000 feet below gage shelter on river, on northwest corner of concrete headwall of culvert. A chiseled square.

ELEVATION: 2131.885 feet or 649.800 meters (T-2)

NEDDIE (TVA, 1941; Jackson County, North Carolina)

Located 7 miles east of Tuckasee, and 16 miles south of Waynesville, at the head of Neddie Creek. To reach from junctions of Highways 291 and 107 at Tuckasee Post Office, drive southeast on State Highway 281 for 12.5 miles to Neddie, turn left on mountain road for 0.2 miles, park car and walk N 25° W to low cleared saddle about 400 feet from U-turn in mountain road. An angle iron stamped "NEDDIE" about 2 feet from large oak snag.

GRID POSITION (N. C.): X = 801,930.2; Y = 571,066.4 (T-4)
ELEVATION: 4041 feet (T-5)

P 52 (TVA, 1938; Jackson County, North Carolina)

Located 3.4 miles northeast from Sylva, at junction of two trails, approximately 1500 feet southwest of house, on a trail about 300 feet above old Wolfpen Gap trail, 20 feet east of trail junction. A chiseled square in a small boulder inside of wire fence, painted "TBM P 52".

ELEVATION: 3380.249 feet or 1030.302 meters (T-2)

P 53 (TVA, 1938; Jackson County, North Carolina)

Located 2.5 miles northeast from Sylva, at road and trail forks, 40 feet west of center line of road, 35 feet northeast of 14-inch apple tree, directly across road from ditch, east, on Monteith Creek road. A chiseled cross in boulder painted "TBM P 53".

ELEVATION: 2817.622 feet or 858.813 meters (T-2)

P 54 (TVA, 1938; Jackson County, North Carolina)

Located about 4 miles (airline) north of Sylva, along trail to Wolfpen Gap, 2500 feet southeast of Wolfpen Gap, in line with Wolfpen Gap and Pinnacle Mountain. A spike driven in 14-inch chestnut tree growing out of old stump, painted "TBM P 54".

ELEVATION: 4113.194 feet or 1253.704 meters (T-2)

P 55 (TVA, 1938; Jackson County, North Carolina)

Located on old Soco Creek road, 1.6 miles southwest from Soco Gap, 16 feet north of center line of road, 100 feet north from confluence of Rough Branch and Soco Creek, 1000 feet southwest from Soco Falls. A chiseled square on boulder painted "TBM P 55".

ELEVATION: 3596.486 feet or 1096.211 meters (T-2)

P 56 (TVA, 1938; Jackson County, North Carolina)

Located 5.0 miles north from Sylva, at summit of Balsam Mountain, at Wolfpen Gap, 35 feet east from trail. Nail in root of 30-inch oak tree, painted "TBM P 56".

ELEVATION: 4733.613 feet or 1442.808 meters (T-2)

P 57 (TVA, 1938; Jackson County, North Carolina)

Located 0.7 miles north from Wolfpen Gap, 600 feet northeast from Soco stand, about 5.7 miles north from Sylva, 3 feet east from center line of trail. A spike in root of 14-inch oak tree.

ELEVATION: 4369.614 feet or 1331.861 meters (T-2)

PERRY (USGS, 1934; Jackson County, North Carolina)

Located 3-1/2 miles north of Sylva, on wooded hilltop of Perry Top Mountain, on land of Dave and Cole Thompson. To reach from junction of U. S. Highways 19 and 23 and State Highway 106 at east end of Main Street in Sylva, take Highways 19 and 23 toward Asheville for 2.1 miles to side road at Maple Springs, turn left 0.2 miles to road fork, turn right and keep main road for 1.6 miles to residence of Dave Thompson, leave car here. Station is on mountain top which lies N 20° W and is best reached by following sled road to next house. A standard tablet stamped "PERRY 1934" and set in boulder flush with ground on crest of highest point of ridge.

Reference Mark 1: 19.6 feet S 75° E to drill hole in rock.

Reference Mark 2: 17.0 feet S 03° W to drill hole in rock.

Reference Mark 3: 12.6 feet S 70° W to drill hole in rock.

GEODETIC POSITION: Lat. = 35°25'26.997"; Long. = 83°13'08.863" (G-3)

To Station	Geodetic Azimuths		Log. Meters	Miles
	Azimuth	Back Azimuth		
Dillsboro	38°33'43.8"	218°31'20.3"	4.001640	6.2'
Rattlesnake Mtn.	141 06 42.6	321 04 21.8	3.988886	6.1
Waterrock	239 04 27.2	59 07 17.1	3.934914	5.3

PIOTT BALSAM (TVA, 1940; Haywood County, North Carolina)

Located on Piott Balsam Mountain, 5.0 miles west of Waynesville. To reach from Waynesville Post Office, drive north on Main Street one block, turn left and drive two blocks to railroad crossing, cross tracks and Richland Creek, and turn left for 1.4 miles to intersection, turn right on gravel road for 0.5 miles to fork, bear left 0.7 miles to fork, then bear right 0.6 miles to fork, then bear right 2.0 miles to gate opposite house of Gill Winchester on Piott Creek, leave truck here, cross creek and follow skid trail south to top of ridge (2000 feet), turn right on trail along top of ridge approximately 1.5 miles to gap, about 300 feet beyond gap, trail forks, take right fork, keeping to center line of ridge 1/2 mile to high point. Station is 50 feet S 40° W from high point and foot of 12-inch fir balsam. An unstamped angle iron, about 3 feet above ground.

Reference Mark 1: 1.2 feet Southwest to nail and washer in 12-inch fir balsam.

Reference Mark 2: 10.7 feet Northwest to nail and washer in 8-inch birch.

Reference Mark 3: 12.3 feet North to nail and washer in 6-inch birch.

GRID POSITION (N. C.): X = 783,165.6; Y = 654,663.0 (T-4)

ELEVATION: 6088 feet (T-5)

R 15 (TVA, 1940; Jackson County, North Carolina)

Located 2.0 miles southwest of Willits, 0.6 miles north of Soapstone Gap, 30.0 feet east of and on right bank of Soapstone Creek, 500.0 feet south of one-story frame house, 1400.0 feet north of two-story frame house, on east side of trail. A chiseled square on rock outcrop.

ELEVATION: 3162.421 feet or 963.908 meters (T-2)

R 16 (TVA, 1940; Jackson County, North Carolina)

Located 2.6 miles southwest of Willits, in Soapstone Gap, 10.0 feet east from center line of trail, 6.0 feet north from fence line. Nail in root of 36-inch stump.

ELEVATION: 3543.152 feet or 1079.955 meters (T-2)

R 40 (TVA, 1940; Jackson County, North Carolina)

Located 1/4 miles (airline) south of Oak Hill School. Chiseled square on west wingwall on west side of State Highway 281 bridge (downstream end) over Gladie Creek.

ELEVATION: 3239.472 feet or 987.393 meters (T-2)

RICH (USGS, 1934; Jackson County, North Carolina)

Located 14 miles south of Waynesville, and about 10.5 miles southeast of Cullowhee on land of Blackwood Lumber Company. To reach from Sylva, drive south on State Highway 107 for about 15 miles to Tuckasee, from intersection of State Highways 107 and 281 go east on Highway 281 for 9.0 miles to side road, turn left on side road at sharp curve for 1.4 miles to home of R. D. Harris, leave car and follow trail in northerly direction on east side of drain to gap at top of Rich Mountain, turn left and follow along summit of mountain about 1/2 mile to highest top of Rich Mountain. Station is on highest point of timbered top. Lines were cleared to get necessary sights. A standard tablet stamped "RICH 1934" and set in rock outcrop.

Reference Mark 1: 20.2 feet N 77° E to mark.

Reference Mark 2: 19.8 feet S 36° E to mark.

Reference Mark 3: 7.6 feet N 24° W to mark.

GEODETIC POSITION: Lat. = 35°17'31.285"; Long. = 83°02'09.153" (G-3)

To Station	Geodetic Azimuths		Log. Meters	Miles
	Azimuth	Back Azimuth		
Cullowhee	66°16'32.7"	246°12'11.7"	4.096319	7.8
Doubletop	148 23 09.3	328 20 59.3	4.034519	6.7
Waterrock	154 08 37.2	334 05 04.8	4.326529	13.2

GRID POSITION (N. C.): X = 796,017.0; Y = 585,670.3 (G-3)

ELEVATION: 5106 feet (T-5)

ROARENHOLE (USGS, 1934; Jackson County, North Carolina)

Located 7-1/2 miles south of Dillsboro, and 9-1/2 miles northeast of Franklin, on top of Roarenhole Mountain. To reach from railroad crossing and U. S. Highway 23 drive south on Highway 23 toward Franklin for 9.35 miles to a side road, turn left about 200 yards to road forks, turn left crossing creek and following road leading up valley for 1.75 miles to road forks, turn left 0.9 miles to road forks, turn right 0.35 miles to road forks, turn left 1.0 miles to residence of Doc Hooper. From this point follow old logging road which leads up valley to right of old barn and continue for about 1/4 mile to a fork in the trail, take left fork crossing creek about 200 feet and bear to left again on trail which leads up valley to gap (keeping trail which follows stream until gap is reached), then bear right up ridge for about 1/4 mile to top of Roarenhole Mountain. A standard tablet stamped "ROARENHOLE 1934" and set in boulder about 4 feet from base of tree, on or near crest of mountain.

Reference Mark 1: 23.45 feet S 39° E to mark.

Reference Mark 2: 26.55 feet S 49° W to mark.

Reference Mark 3: 17.23 feet N 15° E to mark.

GEODETIC POSITION: Lat. = 35°15'23.655"; Long. = 83°14'38.329" (G-3)

To Station	Geodetic Azimuths		Log. Meters	Miles
	Azimuth	Back Azimuth		
Watauga	97°37'38.9"	277°35'08.6"	3.821980	4.1
Dillsboro	159 35 12.1	339 33 40.5	4.059312	7.1
Doubletop	225 09 35.1	45 14 38.2	4.271039	11.6
Hogback	350 38 06.8	170 38 48.2	4.048143	6.9

GRID POSITION (N. C.): X = 733,420.7; Y = 575,368.4 (G-3)

ELEVATION: 4668 feet (T-5)

RV 21 (Southern Railway, ? ; Jackson County, North Carolina)

Located 0.7 miles northeast along the Southern Railway from the station at Sylva, 15 feet west of the east switch of a track serving a paper mill, in the top of the north wall of a concrete water intake box for a tannery, 7.5 feet south of south rail, and about 1 foot higher than the base of the rail. A standard monel metal rivet.

ELEVATION: 2051.223 feet or 625.214 meters (C-2)

RV 22 (Southern Railway, ? ; Jackson County, North Carolina)

Located 0.7 miles west along Southern Railway from the station at Willits, 0.4 miles east of milepost 40, at bridge T39.6, in the top of the north end of the west abutment, and 6.5 feet north of the north rail. A standard monel metal rivet.

ELEVATION: 2555.054 feet or 778.782 meters (C-2)

RV 23 (Southern Railway, ? ; Jackson County, North Carolina)

Located 0.5 miles northeast along the Southern Railway from the station at Balsam, at a water tank, in top of northwest corner of easternmost concrete pedestal adjacent to track, 9 feet south of south rail, and level with top of rail. A standard monel metal rivet.

ELEVATION: 3314.436 feet or 1010.242 meters (C-2)

RV 24 (Southern Railway, ? ; Haywood County, North Carolina)

Located at Hazelwood, about 150 feet east of Southern Railway station, in southeast quadrant of Main Street grade crossing, about 15 feet east of center line of street, 12.7 feet south of south rail, and in a small rectangular offset of the concrete street paving. A standard monel metal rivet.

ELEVATION: 2713.892 feet or 827.196 meters (C-2)

SYLVA (USGS, 1933; Jackson County, North Carolina)

Located about 1 mile west of Sylva and 1/2 mile east of Dillsboro, along highway. To reach from Sylva, go west 1 mile on U.S. Routes 19 and 23 to sign "Dillsboro City Limit" which is about 100 yards east of concrete overhead bridge. Station is on grassy knoll about 50 yards southeast of bridge, and 50 yards south-southwest of Shell gasoline station just east of bridge. Surface mark is a standard bronze tablet set in the top of a square block or post of concrete. Underground mark is a block of concrete 3 feet below the ground containing at the center of its upper surface a standard bronze disk.

Reference Marks are standard bronze tablets with the arrows pointing toward the station, each set at the center of the top of a square block or post of concrete.

Reference mark 1 is just south of fence line around hill, and 26.735 meters (87.71 feet) (slope) from station in geodetic azimuth 223°29'.

Reference mark 2 is in range with walnut tree, 15 feet higher than station, and 22.92 meters (75.2 feet) (slope) from station in geodetic azimuth 331°02'.

Azimuth mark is a standard bronze tablet set in the top of southeast corner of concrete bridge abutment on route 19, about 36 feet west of

railroad, and approximately 300 feet from station.
GEODETIC POSITION: Lat. = 35°22'21.379"; Long. = 83°14'37.014" (C-2)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Carver	264°30'15.9"	84°33'00.7"	3.858468	4.5
Dillsboro	62 09 10.0	242 07 37.6	3.658918	2.8
Azimuth mark	67 27 37.5			

GRID POSITION (N. C.): X = 735,334.33; Y = 617,554.85 (C-2)
Grid Azimuth to Azimuth mark: 69°54'34.9".
ELEVATION: 2067 feet (T-5)

TR 23 (USED, 1928; Jackson County, North Carolina)
 Located on left bank of Tuckasegee River, about 1.4 miles southeast along U. S. Highway 23 from Dillsboro, between a private road and the highway, across the road from a rock bluff, about 3 feet south of the south edge of the pavement, and about 3 feet higher than the ground, on the highest point of a large isolated boulder. A chiseled circle painted "U. S. B. M.". **ELEVATION:** 1984.524 feet or 604.884 meters (C-1)

TR 28 (USED, 1928; Jackson County, North Carolina)
 Located at mile 36.60, on left bank of Tuckasegee River, 1.2 miles along old railroad bed upstream from former location of Tuckasegee-Southern Railway bridge over Tuckasegee River (first bridge over river above Sylva), on upper side of railroad bed at sharp bend in river, 7 feet from center line of railroad bed and about 1000 feet downstream from house on slope below mouth of large hollow, at grade crossing. A chiseled circle in rock outcrop painted red. **ELEVATION:** 2058.7 feet (E-4)

TR 30 (USED, 1928; Jackson County, North Carolina)
 Located at mile 38.51, 0.6 miles downstream from Cullowhee, along old railroad, in curve in sharp cut in railroad bed, 500 feet below a large white dwelling, on slope west of BM, about 800 feet downstream from former grade crossing, 140 feet upstream from where small drain passed under railroad, and 10 feet from center line of railroad. A chiseled circle in rock outcrop painted red. **ELEVATION:** 2066.7 feet (E-4)

TR 38 (USED, 1928; Jackson County, North Carolina)
 Located at mile 46.19, on Tuckasegee River, 1.3 miles downstream from Tuckasegee, and on right bank of river, on west end of upper wall to concrete culvert under State Highway 107, about 500 feet below large white dwelling house. A chiseled cross painted red.
 Note: Searched for but not recovered, April, 1946.
ELEVATION: 2141.410 feet or 652.703 meters (T-2)

USFS 1172 (TVA, 1940; Jackson County, North Carolina)
 Located near the border of the Cherokee Reservation, 5 miles north of Sylva. To reach from the intersection of Highways 19 and 23, go west on Highway 19 for 2.2 miles to intersection, gravel road turn right and go 1.9 miles to road fork, take west fork 1.6 miles to fork, turn left and go through three bar gaps (1.5 miles) to curve on top of ridge. Station is about 300 feet up trail to right, mounted in 4-inch pipe. A brass Forest Survey station marker stamped "1172".
 Reference Mark 1: 24.6 feet N 20° W to 12-inch oak.
 Reference Mark 2: 15.6 feet N 60° W to 40-inch oak.
 Reference Mark 3: 1.15 feet S 20° W to 30-inch oak.
GRID POSITION (N. C.): X = 736,736.2; Y = 642,046.1 (T-4)
ELEVATION: 4158 feet (T-5)

W 37 (USC&GS, 1932; Jackson County, North Carolina)
 Located at Dillsboro, 10 feet west of the northwest corner of the Southern Railway station, 40 feet north of the north rail, and about level with the track. A standard tablet stamped "1979.346 W 37 1932" and set in concrete post. **ELEVATION:** 1979.222 feet or 603.268 meters (C-1)

WATERROCK (USC&GS and USGS, 1933; Haywood-Jackson Counties, North Carolina)
 Located on summit of Waterrock Knob (the most southerly of four high peaks on Plott Balsam mountains), about 8 miles northeast of Sylva, 8 miles west of Waynesville, and 4 miles northwest of Balsam. To reach from post office at Sylva, go east 5.35 miles on routes 19 and 23, or 0.75 miles beyond side road to north with arrows "Addie and Bluff Creek Road", turn left (north) onto road leading up east side of north fork of Scott Creek (water flume in creek at this point), follow rough steep road 1.8 miles up creek to white house of Jim Cogdill, and continue 0.3 miles beyond last house to end of truck travel. From sawmill, take left fork of logging road, follow to fork in canyon at trestle in tram road, follow trail up right canyon along flume a short distance to point where it bears left up ridge, follow this wide trail to 3 or 4 old cabins known as Spruce Camp (there is piped spring at this point and station site can be seen at head of canyon), and take trail to left up ridge to gap just below peak. Station site is on peak to right of gap about 1/4 mile distant with 300-foot climb. Best route is up ridge along divide. Horses can be taken part way up ridge. Station mark is standard United States Geological Survey disk in buried stone, and 6 feet south of 15-inch balsam stump. Disk not stamped.
 Reference marks are standard USC&GS bronze tablets with the arrows pointing toward the station, each wedged in a drill hole in outcropping bedrock.
 Reference mark 1 is along northwest slope of ridge, and 8.845 meters (29.02 feet) from station in geodetic azimuth 1°52'.
 Reference mark 2 is on south slope of ridge, and 3.151 meters (10.34 feet) from station in geodetic azimuth 160°11'.
GEODETIC POSITION: Lat. = 35°27'50.450"; Long. = 83°08'15.997" (C-1)

To Station	Geodetic Azimuths		Distance	
	Azimuth	Back Azimuth	Log. Meters	Miles
Sandymush	223°57'02.26"	44°05'56.61"	4.5222101	20.7
Pisgah	276 54 12.49	97 07 27.55	4.5420449	21.6

GRID POSITION (N. C.): X = 768,243.54; Y = 649,462.43 (C-1)
ELEVATION: 6292 feet (T-5)

WATER TANK (TVA, 1940; Haywood County, North Carolina)
 Located in Hazelwood, on the property of the Unagusta Mfg. Co., about 150 yards southwest of Southern Railway station, about 80 feet south-east of railroad bridge T 28.8, about 75 feet east of east rail. Station is center line of tank, which is southeast one of three water tanks in Hazelwood. Bench Mark "H38" is on east corner of the pedestal of the north support of

this tank.
GRID POSITION (N. C.): X = 808,043.8; Y = 652,174.7 (T-4)
ELEVATION (EAVES OF TANK): 2825 feet (T-5)

X 37 (USC&GS, 1932; Jackson County, North Carolina)
 Located at Dillsboro, about 80 yards east of the Southern Railway station, at the southwest corner of C. J. Harris Pine Co. woodshed, in the concrete foundation, 6 feet north of the north rail, and about 3 feet higher than the track. A standard tablet stamped "1985.301 X 37 1932". **ELEVATION:** 1985.180 feet or 605.084 meters (C-1)

Y 37 (USC&GS, 1932; Jackson County, North Carolina)
 Located at Sylva, 300 feet northeast of the Southern Railway station, 100 feet southeast of the southeast corner of the city hall at the Allen Street bridge over Scott Creek, and in the top of the east wingwall of the south abutment, and about 2 feet east of the east parapet wall. A standard tablet stamped "2035.990 Y 37 1932". **ELEVATION:** 2035.833 feet or 620.523 meters (C-2)

YELLOW FACE (TVA, 1940; Jackson County, North Carolina)
 Located about 7 miles northeast of Sylva and 8 miles west of Waynesville. To reach from Waynesville, follow State Highway 293 for 14.0 miles to Soco Gap, end of truck travel, go east along top of ridge along dim trail about 3 miles to gap, west of Waterrock Knob, continue along ridge due west about 3/4 mile to highest point on knob. Station is N 75° E 61 feet from highest point on ridge, 5.68 feet north of 30-inch hemlock snag about 25 feet high. A 1/2-inch pipe with bridge spike in center.
 Reference Mark 1: 5.68 feet South to 30-inch leaning hemlock snag.
 Reference Mark 2: 6.85 feet S 35° E to 12-inch stump.
GRID POSITION (N. C.): X = 764,234.4; Y = 644,816.6 (T-4)
ELEVATION: 6032 feet (T-5)

Z 37 (USC&GS, 1932; Jackson County, North Carolina)
 Located about 0.5 miles northeast along the Southern Railway from the station at Sylva, about 40 feet south of the south rail of the main track, in the north face of the brick building owned by the Sylva Paper Board Co., about 220 feet east of the west end of the building, and 5 feet above ground. A standard tablet stamped "2046.820 Z 37 1932" and set vertically. **ELEVATION:** 2046.666 feet or 623.825 meters (C-2)