

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

SURVEY CONTROL DATA

BIG STAMP, NORTH CAROLINA
QUADRANGLE 150

EXTENT OF QUADRANGLE
LATITUDE: 35°00' TO 35°15'
LONGITUDE: 83°45' TO 84°00'

BULLETIN TVA-MS-150-C

PRICE \$1.00

CHATTANOOGA, TENNESSEE
SEPTEMBER 1951

SURVEY CONTROL DATA IN QUADRANGLE 150

A 54 (USCGS, 1933; Cherokee County, North Carolina)

Located 4.6 miles east by rail from Murphy, 913 yards east of milepost 118, 675 feet southwest of railroad water tank, 30 feet southeast of southeast rail, and 6 inches below base of rail, in top of concrete post 8-inches above grade and across county road from railroad. A standard tablet stamped "A 54 1933" ELEVATION: 1600.144 feet or 487.725 meters (C-2)

AL 3 (TVA, 1934; Clay County, North Carolina)

Located 2.7 miles northeast of Brasstown, 1.45 miles west along railroad from Shallow Ford Bridge, 0.2 miles southeast of Carrell Lake Dam, 7 feet south and 3 feet above track. Point of rock painted red. Painted "TVA BM AL 3 USBM 1685.2". ELEVATION: 1684.911 feet or 513.562 meters (G-2)

ATOA (USGS, 1934; Graham-Cherokee Counties, North Carolina)

Located on Snowbird Mountain about 3.7 miles northwest of Andrews, and 2.5 miles west of Tatham Gap. To reach from Andrews Post Office, drive east 0.5 miles, turn left at Shell Filling Station and follow main road up mountain 6.0 miles to Tatham Gap, turn left at gap and follow road west along ridge 1.0 miles. Leave car and follow trail west along ridge through Walker Field 1.5 miles to station. Station mark is a standard tablet stamped "ATOA 1934" set in rock set in place.

GEODETIC POSITION: Lat. = 35°14'53.683"; Long. = 83°51'21.550" (G-3)

To Station	Azimuth	Back Azimuth	Log Meters	Miles
Peachtree	3°27'02.0"	183°26'43.7"	4.126223	8.3
Cheoah	241 39 31.5	61 45 35.4	4.257225	11.2
Tatham	259 40 04.3	79 42 10.5	3.749772	3.5
Tusquitee	315 04 20.3	135 08 48.3	4.221971	10.4

GRID POSITION (N.C.): X = 550,761.2; Y = 580,713.2 (G-3)
ELEVATION: 4120 feet (T-5)

B 54 (USCGS, 1933; Cherokee County, North Carolina)

Located 6.8 miles northeast by rail, from Murphy, 606 yards west of milepost No. 115, 20 feet north of north rail, 15 feet west of road crossing and on level with base of rail, in top of concrete post 10-inches above grade at Maltby Siding. A standard tablet stamped "B 54 1933". ELEVATION: 1611.309 feet or 491.128 meters (C-2)

BIG STAMP (USGS, 1933; Cherokee-Clay Counties, North Carolina)

Located on the summit of Big Stamp Knob, which is a point on the Valley River Mountains about 4.3 miles south of Andrews. Center of U.S. Forest Service fire tower "BIG STAMP". GWM 119 is on concrete base of tower.

GEODETIC POSITION: Lat. = 35°08'19.371"; Long. = 83°49'03.393" (G-3)

To Station	Azimuth	Back Azimuth	Log Meters	Miles
Sheep	50°26'10.0"	230°19'05.8"	4.335198	15.1
Peachtree	74 27 55.7	254 26 17.9	3.649917	2.8
Tatham	188 47 58.7	8 48 45.1	4.124336	8.3
Flenback	329 28 04.2	149 31 26.3	4.244803	10.9

GRID POSITION (N.C.): X = 560,271.8; Y = 540,340.1 (G-3)
GRID POSITION (Ga. W.): X = 604,358.6; Y = 1,869,581.3 (G-3)

BM 1557.5 (USGS, 1936; Cherokee County, North Carolina)

Located 3.0 miles east of Murphy, 4.0 feet below U.S. Highway 64, on east end of south headwall of concrete culvert over Burnthouse Branch. A chiseled square painted "USBM 1557.5". ELEVATION: 1557.254 feet or 474.652 meters (G-2)

BM 1576.3 (USGS, 1936; Cherokee County, North Carolina)

Located about 4-1/2 miles northeast of Murphy, 0.4 miles southeast of Tomotla gaging station, 240 feet east of east edge of ford at Rogers Creek, 13 feet north of road at curve, in root on south side of 30-inch maple tree. A copper nail and washer, painted "USBM 1576.3". ELEVATION: 1576.076 feet or 480.389 meters (G-2)

BM 1576.9 (USGS, 1936; Cherokee County, North Carolina)

Located 4.0 miles east of Murphy along U.S. Highway 64, 40 feet northwest of a T-road northeast, on the north headwall of a concrete culvert. A chiseled square, painted "USBM". ELEVATION: 1576.660 feet or 480.567 meters (G-2)

BM 1605.8 (USGS, 1936; Clay County, North Carolina)

Located 7.2 miles southeast of Murphy along U.S. 64 at Brasstown, 240 feet east of iron bridge over Brasstown Creek, 12 feet north of road fork west on the northeast headwall of a concrete culvert on U. S. Highway 64. A chiseled square, painted "USBM 1605.82". ELEVATION: 1605.482 feet or 489.352 meters (G-2)

BM 1612.5 (USGS, 1936; Clay County, North Carolina)

Located 7.7 miles southeast of Murphy, 0.4 miles southeast of Brasstown along U.S. Highway 64, on the southwest headwall of masonry culvert. A chiseled square painted "USBM 1612.5". ELEVATION: 1612.192 feet or 491.397 meters (G-2)

BM 1615.7 (USGS, 1936; Cherokee County, North Carolina)

Located 1.0 miles southeast of Tomotla gaging station, 60 feet east of private road fork and 4 feet above road fork elevation, 28 feet northeast of road in root on the west side of a 20-inch oak tree. A copper nail and washer, painted "USBM 1615.7". ELEVATION: 1615.436 feet or 492.386 meters (G-2)

BM 1618.0 (USGS, 1936; Cherokee County, North Carolina)

Located 6-1/2 miles (airline) east of Murphy, 0.55 miles northwest of Andrews Dam, 132 feet east of wood bridge over Calhoun Branch, 160 feet west of road fork at Mission, 14 feet north of road, in fence line, and in root on north side of a 15-inch oak tree. A copper nail and washer, painted "USBM 1618.0". ELEVATION: 1617.707 feet or 493.078 meters (G-2)

BM 1621.1 (USGS, 1936; Cherokee County, North Carolina)

Located 4.8 miles east of Murphy along U.S. Highway 64, 0.66 miles southeast of Peachtree Creek, 0.24 miles northwest of Peachtree road forks, 85 feet southeast of private road fork east, 39 feet northeast of U.S. Highway 64, in root on west side of a 25-inch oak tree. A copper nail and washer

painted "USBM 1621.1".

ELEVATION: 1620.814 feet or 494.025 meters (G-2)

BM 1628.7 (USGS, 1936; Cherokee County, North Carolina)

Located 0.5 miles southeast of Marble, at steel highway bridge over Valley River, 150 feet north of T-road north to Marble, and on the west wingwall of south masonry abutment. A chiseled square, painted "USBM 1628.7".

ELEVATION: 1628.422 feet or 496.344 meters (G-2)

BM 1634.0 (USGS, 1936; Cherokee County, North Carolina)

Located 6.1 miles southeast of Murphy along U.S. Highway 64 near foot of hill, 130 feet north northeast of T-road northeast to Mission road, on the east headwall of a concrete culvert on U.S. Highway 64. A chiseled square, painted "USBM 1634.0".

ELEVATION: 1633.724 feet or 497.960 meters (G-2)

BM 1635.7 (USGS, 1936; Cherokee County, North Carolina)

Located about 5 miles (airline) east of Murphy, 0.85 miles northwest of Peachtree, 20 feet southeast of a T-road west, on the east heading of masonry culvert. A copper nail and washer, painted "USBM 1635.7". ELEVATION: 1635.397 feet or 498.470 meters (G-2)

BM 1635.9 (USGS, 1936; Cherokee County, North Carolina)

Located 1.5 miles southwest along Little Brasstown Creek road from Brasstown, 53 feet west of wood bridge over Garringer Branch, 40 feet west of crossroads, on side of hill, about 5 feet above the road, in root on the east side of a 25-inch oak tree. A copper nail and washer painted "USBM 1635.9". ELEVATION: 1635.600 feet or 498.532 meters (G-2)

BM 1638.7 (USGS, 1936; Cherokee County, North Carolina)

Located 2.1 miles southwest along Little Brasstown Creek road from Brasstown, 140 feet southwest of bridge over Tweed Branch, 110 feet northeast of road fork north at Mason Home, 30 feet northwest of road, in pasture, in root on the east side of a twin apple tree. A copper nail and washer, painted "USBM 1638.7". ELEVATION: 1638.386 feet or 499.381 meters (G-2)

BM 1641.5 (USGS, 1936; Cherokee County, North Carolina)

Located about 4 miles (airline) east of Murphy, 0.4 miles northeast of U.S. Highway 64, 2 feet northwest of road, at top of hill, in root on the southeast side of a 25-inch yellow pine tree. A copper nail and washer, painted "USBM 1641.5". ELEVATION: 1641.243 feet or 500.252 meters (G-2)

BM 1661.8 (USGS, 1936; Cherokee County, North Carolina)

Located 4.0 miles east of Murphy along U.S. Highway 64, thence 2.92 miles northeast, 1.4 miles northwest of Peachtree by road, 30 feet east of road at curve, in root on the west side of a 25-inch white oak tree. A copper nail and washer, painted "USBM 1661.8". ELEVATION: 1661.585 feet or 506.452 meters (G-2)

BM 1673.9 (USGS, 1936; Cherokee County, North Carolina)

Located 4.0 miles east of Murphy along U.S. Highway 64, thence 1.8 miles northeast, about 1 mile west of Peachtree, 0.16 miles northeast of a ford over creek, 170 feet north of road fork northeast, 30 feet southeast of road, in root on the northeast side of an 18-inch oak tree. A copper nail and washer, painted "USBM 1673.9". ELEVATION: 1673.652 feet or 510.130 meters (G-2)

BM 1676.5 (USGS, 1936; Cherokee County, North Carolina)

Located 5.75 miles east of Murphy along U.S. Highway 64 and Mission road, 65 feet southeast of junction of Mission road and road south to U.S. Highway 64 and on the southwest headstone of masonry culvert. A chiseled square, painted "USBM 1676.5". ELEVATION: 1676.178 feet or 510.900 meters (G-2)

BM 1682.7 (USGS, 1936; Clay County, North Carolina)

Located 3.1 miles (airline) northeast of Brasstown, 0.8 miles west along railroad from Shallow Ford Bridge, 9 feet northeast of railroad 0.6 feet above tracks, on rock outcrop. A chiseled square. ELEVATION: 1682.444 feet or 512.810 meters (G-2)

BM 1683.4 (USGS, 1936; Clay County, North Carolina)

Located 3.7 miles east-northeast of Brasstown, 0.32 miles southeast of Shallow Ford Bridge, 23 feet northeast of center of wood bridge over Sweetwater Creek, on rock outcrop. A chiseled square, painted "USBM 1683.4". ELEVATION: 1683.097 feet or 513.009 meters (G-2)

BM 1690.6 (USGS, 1936; Clay County, North Carolina)

Located 2.7 miles (airline) northeast of Brasstown, 0.48 miles southeast of Andrews Dam, 13 feet east of center line of earth dam at Carrell Lake. A chiseled square on top of south side of concrete outlet, painted "USBM 1690.6". ELEVATION: 1690.321 feet or 515.211 meters (G-2)

BM 1692.9 (USGS, 1936; Clay County, North Carolina)

Located 4.1 miles southeast of Brasstown along U.S. Highway 64, at foot of hill, 40 feet southeast of store, on south headwall of a concrete culvert over creek. A chiseled square, painted "USBM 1692.9". ELEVATION: 1692.546 feet or 515.889 meters (G-2)

BM 1701.2 (USGS, 1936; Clay County, North Carolina)

Located 1.0 miles east of Shallow Ford Bridge along the railroad about 200 feet southwest of road, 50 feet west of railroad culvert, over Curtis Branch, 20 feet north of railroad tracks. A chiseled square, painted "USBM 1701.2" in top of large boulder. ELEVATION: 1700.984 feet or 518.461 meters (G-2)

BM 1706.7 (USGS, 1936; Cherokee County, North Carolina)

Located 2.65 miles south of Marble by road, 235 feet south of road fork east, 100 feet southeast of wood bridge over Derreberry Branch, at its junction with Puett Creek, 80 feet east of Marble-Peachtree road, and in root on the northeast side of a 15-inch apple tree. A copper nail and washer, painted "USBM 1706.7". ELEVATION: 1706.457 feet or 520.129 meters (G-2)

- BM 1707.3** (USGS, 1936; Cherokee County, North Carolina)
Located 2.1 miles (airline) east-southeast of Tomotla, 3.7 miles (airline) southwest of Marble, 59 feet east of drain, 10 feet north of road, and in root on the west side of a 20-inch apple tree. A copper nail and washer, painted "USBM 1707.3".
ELEVATION: 1707.021 feet or 520.301 meters (G-2)
- BM 1712.4** (USGS, 1936; Cherokee County, North Carolina)
Located 0.6 miles south of Marble station by road at top of hill in yard, 15 feet southeast of road, and in root on the east side of a 25-inch oak tree. A copper nail and washer, painted "USBM 1712.4".
ELEVATION: 1712.136 feet or 521.860 meters (G-2)
- BM 1716.0** (USGS, 1936; Cherokee County, North Carolina)
Located 3.4 miles (airline) northeast of Brasstown, 0.75 miles north of Mission, 700 feet south of road fork northeast, 20 feet east of Mission road, 65 feet south of fence corner, on 3.5 foot bank at top of hill, and in root on west side of a 15-inch maple tree. A copper nail and washer, painted "USBM 1716.0".
ELEVATION: 1715.699 feet or 522.946 meters (G-2)
- BM 1724.7** (USGS, 1936; Cherokee County, North Carolina)
Located 0.8 miles north of Marble, 290 feet south of road fork east, 80 feet southwest of west end of foot bridge over Syatt Creek, 9 feet west of road, top of boulder. A chiseled square, painted "USBM 1724.7".
ELEVATION: 1724.445 feet or 525.612 meters (G-2)
- BM 1733.7** (USGS, 1936; Clay County, North Carolina)
Located 3.7 miles southeast of Brasstown along U.S. Highway 64, 30 feet northwest of junction of Trout Cove road and U.S. Highway 64 at top of hill, at north end of the wingwall of the north heading of a masonry culvert. A chiseled square, painted "USBM 1733.7".
ELEVATION: 1733.382 feet or 528.336 meters (G-2)
- BM 1740.1** (USGS, 1936; Cherokee County, North Carolina)
Located 4.0 miles east of Murphy along U.S. Highway 64, thence 3.56 miles north along Tomotla road at top of small rise in road between a double road, 9 feet northeast of a main road, in root on the south side of a 15-inch apple tree. A copper nail and washer, painted "USBM 1740.1".
ELEVATION: 1739.859 feet or 530.310 meters (G-2)
- BM 1753.8** (USGS, 1936; Clay County, North Carolina)
Located 3.8 miles (airline) east-northeast of Brasstown, 0.99 miles southeast of Shallow Ford Bridge, by road, 20 feet southwest of T-road north, in root on east side of a 40-inch oak tree. A copper nail and washer, painted "USBM 1753.8".
ELEVATION: 1753.494 feet or 534.466 meters (G-2)
- BM 1754.1** (USGS, 1936; Cherokee County, North Carolina)
Located 4.5 miles south of Marble, along Marble-Peachtree road, 80 feet north of T-road southwest, 15 feet west of road, on the east side of an 8-inch poplar tree. A railroad spike painted white, painted "USBM 1754.1".
ELEVATION: 1753.796 feet or 534.958 meters (G-2)
- BM 1758.6** (USGS, 1936; Clay County, North Carolina)
Located 4.3 miles east of Shallow Ford Bridge by road, 100 feet east of railroad culvert, 16 feet northeast of railroad, 7 feet northeast of road, top of rock outcrop, at road level. A chiseled square, painted "USBM 1758.6".
ELEVATION: 1758.399 feet or 535.961 meters (G-2)
- BM 1761.3** (USGS, 1936; Cherokee County, North Carolina)
Located 2.1 miles north-northeast of Mission by road, about 1.6 miles east of Peachtree, 65 feet east of a T-road south, 11 feet north of road, 8 feet west of fence corner, and in root on the southwest side of a 25-inch hickory tree. A copper nail and washer, painted "USBM 1761.3".
ELEVATION: 1761.089 feet or 536.761 meters (G-2)
- BM 1769.7** (USGS, 1936; Clay County, North Carolina)
Located 2.9 miles east of Shallow Ford Bridge by road, at wooden highway bridge over Fires Creek, 700 feet southeast of road forks, on south wingwall of the east masonry abutment. A chiseled square, painted "USBM 1769.7".
ELEVATION: 1769.517 feet or 539.350 meters (G-2)
- BM 1772.4** (USGS, 1936; Cherokee County, North Carolina)
Located 0.5 miles northeast of Andrews station, 350 feet northeast of entrance to Prison Camp, at concrete highway bridge over Valley River, at the east end of the north concrete guard of bridge. A chiseled square, painted "USBM 1772.4".
ELEVATION: 1772.260 feet or 540.186 meters (G-2)
- BM 1774.0** (USGS, 1936; Cherokee County, North Carolina)
Located 1.9 miles south of Marble along road, thence 0.9 miles southeast, 65 feet north of wood bridge over Vengeance Creek, 20 feet west of road, in root on the east side of 8-inch twin gum tree. A copper nail and washer, painted "USBM 1774.0".
ELEVATION: 1773.671 feet or 540.616 meters (G-2)
- BM 1777.2** (USGS, 1936; Cherokee County, North Carolina)
Located 3.2 miles south of Marble along road, 42 feet east of Indian Grave Gap road, 90 feet northwest of railroad crossing, 38 feet west of railroad track, and in root on the southeast side of an 8-inch twin persimmon tree. A copper nail and washer, painted "USBM 1777.2".
ELEVATION: 1776.985 feet or 541.626 meters (G-2)
- BM 1787.3** (USGS, 1936; Clay County, North Carolina)
Located 1.95 miles southeast from Shallow Ford Bridge by road, 100 feet southeast of center of wood bridge over Sweetwater Creek, 25 feet west of road in root and on the east side of a 25-inch maple tree. A copper nail and washer, painted "USBM 1787.3".
ELEVATION: 1787.001 feet or 544.679 meters (G-2)
- BM 1792.0** (USGS, 1936; Cherokee County, North Carolina)
Located 1.5 miles (airline) north of Brasstown, 1.5 miles (airline) southwest of Mission, at top of ridge, 30 feet northwest of private road forks, on bank 3 feet above road level, and in root on the west side of a 12-inch maple tree. A copper nail and washer, painted "USBM 1792.0".
ELEVATION: 1791.673 feet or 546.103 meters (G-2)
- BM 1797.6** (USGS, 1936; Clay County, North Carolina)
Located 0.7 miles north of Hayesville by road, on northeast wingwall abutment of concrete highway bridge over Hiwassee River. A chiseled square painted "US 1797.6 BM".
ELEVATION: 1796.710 feet or 548.248 meters (G-2)
- BM 1799.7** (USGS, 1936; Cherokee County, North Carolina)
Located 0.77 miles southeast of station at Andrews, on U.S. Highway 19, at concrete highway bridge over Colletts Creek (Tatham Creek) top of south parapet wall of the east concrete abutment. A chiseled square, painted "USBM 1799.7".
ELEVATION: 1799.590 feet or 548.516 meters (G&T-2)
- BM 1809.5** (USGS, 1936; Cherokee County, North Carolina)
Located 0.5 miles east of Andrews station, at top of hill, 35 feet southeast of T-road north to Robbinsville, on U.S. Highway 19, on south heading of concrete culvert at road level. A chiseled square, painted "USBM 1809.5".
ELEVATION: 1809.363 feet or 551.495 meters (G-2)
- BM 1821.3** (USGS, 1936; Clay County, North Carolina)
Located 2.8 miles southeast of Hayesville along former U.S. Highway 64, at Burrard Bridge, 12 feet northeast of center line of highway, on the north concrete wingwall abutment of highway bridge over Hiwassee River. A chiseled square, painted "US 1821.3 BM".
ELEVATION: 1822.591 feet or 555.527 meters (T-2)
- BM 1824.6** (USGS, 1936; Cherokee County, North Carolina)
Located 1.2 miles northeast of Andrews, 35 feet northeast of center of wood bridge over Pile Creek, 65 feet northeast of crossroads, 1.2 feet above crossroads, in base on the east side of an 8-inch sycamore tree. A spike, painted white, painted "USBM 1824.6".
ELEVATION: 1824.508 feet or 556.111 meters (G-2)
- BM 1838.6** (USGS, 1936; Clay County, North Carolina)
Located 1.1 miles north of Hayesville, 45 feet northwest of intersection of T-road west, 35 feet west of center line of road, in root on the east side of 8-inch oak tree. A copper nail and washer painted "US 1838.6 BM".
ELEVATION: 1839.731 feet or 560.751 meters (G-2)
- BM 1839.0** (USGS, 1936; Clay County, North Carolina)
Located 3.6 miles northeast of Hayesville by road, thence 0.7 miles west, 5 feet north of road, 3 feet above road, 6 feet south of trunk of 22-inch oak tree in root. A copper nail and washer, painted "USBM 1839.0".
ELEVATION: 1838.799 feet or 560.467 meters (G-2)
- BM 1839.5** (USGS, 1936; Cherokee County, North Carolina)
Located 1.3 miles east of Andrews along U.S. Highway 19, 40 feet northeast of crossroads, 40 feet northeast of center line of highway, about 700 feet north of Junaluska Terrace Hotel, in root on southeast side of 14-inch oak tree. A copper nail and washer, painted "US 1839.5 BM".
ELEVATION: 1841.17 feet (G-3)
- BM 1840.0** (USGS, 1936; Clay County, North Carolina)
Located 3.1 miles by road north of Hayesville, 45 feet north of ford, 60 feet east of road fork north, at west edge of Carver Creek, top of large flat boulder. A chiseled square, painted "USBM 1840.0".
ELEVATION: 1839.796 feet or 560.771 meters (G-2)
- BM 1840.7** (USGS, 1936; Clay County, North Carolina)
Located 2.3 miles north of Hayesville by road, 58 feet southeast of road fork east, 4 feet south of fence, 6.8 feet below road fork elevation, in root on the south side of a 12-inch oak tree. A copper nail and washer, painted "USBM 1840.7".
ELEVATION: 1840.521 feet or 560.992 meters (G-2)
- BM 1846.1** (USGS, 1936; Clay County, North Carolina)
Located 3.85 miles southwest of Hayesville along U.S. Highway 64, 210 feet east of the southeast corner of Shady Grove Church, across road from farmhouse, on the northeast end of the northwest heading of masonry culvert. A chiseled square, painted "USBM 1846.1".
ELEVATION: 1845.823 feet or 562.608 meters (G-2)
- BM 1852.1** (USGS, 1936; Clay County, North Carolina)
Located 3.4 miles northeast of Hayesville by road, 100 feet northeast of intersection of T-road east, 40 feet east of bridge over Tusquitee Creek, 25 feet north of center line of T-road, in root on the south side of a 24-inch oak tree, 2.5 feet from base. A copper nail and washer, painted "US 1852.1 BM".
ELEVATION: 1852.769 feet or 564.725 meters (G-2)
- BM 1853.8** (USGS, 1936; Clay County, North Carolina)
Located 3.1 miles (airline) west of Hayesville, about 0.3 miles east of New Hope Church, 135 feet southeast of T-road southwest, 300 feet southeast of T-road northeast to Hayesville, 13 feet south of road, in root on north side of 15-inch maple tree. A copper nail and washer, painted "USBM 1853.8".
ELEVATION: 1853.513 feet or 564.952 meters (G-2)
- BM 1858.3** (USGS, 1936; Cherokee County, North Carolina)
Located 3.9 miles south of Marble, along road toward Indian Grave Gap, at foot of grade, 0.65 miles north of Indian Grave Gap by road, 140 feet east of creek, 225 feet west of barn, 25 feet south of road, and 5.2 feet above road, in fence line of pasture, and in root on the northeast side of 35-inch oak tree. A copper nail and washer, painted "USBM 1858.3".
ELEVATION: 1858.064 feet or 566.339 meters (G-2)

- BM 1859.8** (USGS, 1936; Clay County, North Carolina)
Located 1.9 miles northeast of Hayesville by road, 75 feet south of center line of road, 20 feet west of picket fence, in root on north side of 12-inch black gum tree. A copper nail and washer painted "US 1859.8 BM".
ELEVATION: 1860.885 feet or 567.199 meters (G-2)
- BM 1873.3** (USGS, 1936; Clay County, North Carolina)
Located 1.9 miles southeast along U.S. Highway 64 from Brasstown, thence 1.35 miles southwest along Payne Branch road, 40 feet east of road fork southeast, 27 feet southeast of road, at top of hill, 2 feet above road at top of hill, in root on northwest side of 12-inch oak tree. A copper nail and washer, painted "USEM 1873.3".
ELEVATION: 1873.192 feet or 570.950 meters (G-2)
- BM 1874.0** (USGS, 1936; Clay County, North Carolina)
Located 4.8 miles southeast of Brasstown along U.S. Highway 64, thence 0.7 miles northeast, 40 feet east of house of John Teims, 9 feet east of road, in root on southwest side of a 30-inch oak tree with nail box. A copper nail and washer, painted "USEM 1874.0".
ELEVATION: 1873.631 feet or 571.084 meters (G-2)
- BM 1876.6** (USGS, 1936; Clay County, North Carolina)
Located 0.9 miles southeast of Hayesville along former U.S. Highway 64, 60 feet south of crest of ridge, 40 feet east of center line of highway, in root on southeast side of 30-inch oak tree. A copper nail and washer.
ELEVATION: 1876.509 feet or 571.961 meters (T-2)
- BM 1881.8** (USGS, 1936; Cherokee County, North Carolina)
Located 1.7 miles southeast of Andrews by road, 175 feet southeast of road fork, at west edge of yard in front of old residence, 20 feet northeast of center line of road, in root on east side of 36-inch oak tree. A copper nail and washer, painted "TE 1881.8 BM".
ELEVATION: 1883.38 feet (G-3)
- BM 1882.3** (USGS, 1936; Cherokee County, North Carolina)
Located about 2 miles southeast of Andrews by road, 295 feet southwest of Rutter Lumber Company railroad crossing, 46 feet southwest of wood bridge over McClellan Creek, 15 feet northwest of road, at private road fork, in root on the southeast side of 36-inch oak tree. A copper nail and washer, painted "USEM 1882.3".
ELEVATION: 1882.204 feet or 573.697 meters (G-2)
- BM 1883.5** (USGS, 1936; Clay County, North Carolina)
Located 2.4 miles east of Shallow Ford Bridge by road, 3.6 miles (airline) northwest of Hayesville, at top of hill, 20 feet south of T-road west to school, in root on west side of 10-inch oak tree. A copper nail and washer, painted "USEM 1883.5".
ELEVATION: 1883.257 feet or 574.018 meters (G-2)
- BM 1886.2** (USGS, 1936; Clay County, North Carolina)
Located 4.8 miles northeast of Shallow Ford Bridge by road, 82 feet east of Martin Hill Church, on top of ridge, 15 feet north of road on southeast side of 25-inch oak tree. A copper nail and washer, painted "USEM 1886.2".
ELEVATION: 1886.030 feet or 574.863 meters (G-2)
- BM 1888.0** (USGS, 1936; Clay County, North Carolina)
Located 5.9 miles northeast of Shallow Ford Bridge by road, 30 feet northwest of road fork north to Andrews, 2.2 miles (airline) north of Hayesville, 12 feet west of second class road north on bank, 3.6 feet above top of hill on main road, in root on west side of 12-inch oak tree. A copper nail and washer, painted "USEM 1888.0".
ELEVATION: 1887.759 feet or 575.390 meters (G-2)
- BM 1893.7** (USGS, 1936; Clay County, North Carolina)
Located 0.94 miles southwest of Hayesville along U.S. Highway 64, on long grade, 0.32 miles northeast of T-road west, at top of hill, on northeast end of southeast heading of masonry culvert. A chiseled square, painted "USEM 1893.7".
ELEVATION: 1893.461 feet or 577.128 meters (G-2)
- BM 1927.6** (USGS, 1936; Cherokee County, North Carolina)
Located 1.9 miles south of Marble by road, thence 1.74 miles east, 480 feet west of road forks, 11 feet northeast of road, on 5.3-foot bank, in base on the south side of a 7-inch oak tree. A railroad spike, painted white, painted "USEM 1927.6".
ELEVATION: 1927.349 feet or 587.457 meters (G-2)
- BM 1934.3** (USGS, 1936; Cherokee County, North Carolina)
Located 1.6 miles southeast of station at Andrews by road, 95 feet northeast of top of hill, 25 feet east of road, in root on the west side of 36-inch oak tree. A copper nail and washer, painted "USEM 1934.3".
ELEVATION: 1934.143 feet or 589.528 meters (G-2)
- BM 1937.8** (USGS, 1936; Clay County, North Carolina)
Located 4.2 miles northeast of Hayesville by road, at Tusquitee, 20 feet northeast of stream crossing, 12 feet northeast of road northwest, on top of lowest rock in outcrop. A chiseled square.
ELEVATION: 1937.68 feet (G-3)
- BM 1941.5** (USGS, 1936; Clay County, North Carolina)
Located 4.1 miles (airline) southeast of Hayesville, 0.4 miles northwest of Philadelphia Church, 35 feet northwest of northwest corner of closed store, 9 feet east of road, in base on the west side of 25-inch persimmon tree. A railroad spike, painted white, painted "USEM 1941.5".
ELEVATION: 1941.390 feet or 591.737 meters (G-2)
- BM 1947.3** (USGS, 1936; Clay County, North Carolina)
Located 4.5 miles (airline) southeast of Hayesville, 175 feet southeast corner of Philadelphia Church, 25 feet east of road, in pasture, in root on the west side of 16-inch oak tree. A copper nail and washer, painted "USEM 1947.3".
ELEVATION: 1947.158 feet or 593.495 meters (G-2)
- EM 1953.6** (USGS, 1936; Cherokee County, North Carolina)
Located 2.7 miles (airline) southwest of Andrews, 740 feet northwest of power line crossing road, 60 feet north of road at U-bend at drain, 12 feet west of road, on 5-foot bank, in root on east side of 24-inch oak tree. A copper nail and washer, painted "USEM 1953.6".
ELEVATION: 1953.343 feet or 595.380 meters (G-2)
- EM 1956.0** (USGS, 1936; Cherokee County, North Carolina)
Located 1.7 miles (airline) south of Andrews, 0.1 mile southeast of Phillips Creek, 44 feet north of road, at drain, in root on the northeast side of a 30-inch maple tree. A copper nail and washer, painted "USEM 1956.0".
ELEVATION: 1955.692 feet or 595.096 meters (G-2)
- EM 1959.3** (USGS, 1936; Cherokee County, North Carolina)
Located 3.83 miles northeast of Mission by road, 0.6 miles north of Upper Peachtree Church, 110 feet south of top of hill, 7 feet west of road, and in root on the southeast side of a 10-inch persimmon tree. A copper nail and washer, painted "USEM 1959.3".
ELEVATION: 1959.068 feet or 597.125 meters (G-2)
- EM 1961.1** (USGS, 1936; Clay County, North Carolina)
Located 5.7 miles northeast of Hayesville by road, 200 feet north of Phillips Store, 90 feet northeast of intersection of center line of Y-roads, 10 feet north of center line of road, in root on north side of 12-inch sourwood tree. A copper nail and washer stamped "USEM 1961.1".
ELEVATION: 1960.95 feet (G-3)
- EM 1961.7** (USGS, 1936; Cherokee County, North Carolina)
Located 1.75 miles north of Andrews by road, on grade about 350 feet southwest of drain, 12 feet west of road, in base on the northeast side of 6-inch hickory tree. A railroad spike, painted white, painted "USEM 1961.7".
ELEVATION: 1961.620 feet or 597.903 meters (G-2)
- EM 1968.5** (USGS, 1936; Clay County, North Carolina)
Located 2.5 miles southwest of Hayesville along U.S. Highway 64, at top of hill, 33 feet southwest of mail boxes, on the southwest end of the northwest heading of masonry culvert. A chiseled square, painted "USEM 1968.5".
ELEVATION: 1968.175 feet or 599.901 meters (G-2)
- EM 1970.4** (USGS, 1936; Cherokee County, North Carolina)
Located 3.1 miles (airline) southwest of Andrews, 0.1 miles southeast of power line, 100 feet southeast of small house, 85 feet south of ford over Alfred Creek, 8 feet east of road fork, on 2.5 foot bank, in root on the northeast side of 6-inch black walnut tree. A copper nail and washer, painted "USEM 1970.4".
ELEVATION: 1970.160 feet or 600.506 meters (G-2)
- EM 1971.6** (USGS, 1936; Clay County, North Carolina)
Located 4.0 miles (airline) east of Brasstown, 0.7 miles southwest of New Hope Church, 7.5 feet northeast of north side of porch of farmhouse, 20 feet northwest of road, 7 feet above road level, in root on south side of a 25-inch oak tree. A copper nail and washer, painted "USEM 1971.6".
ELEVATION: 1971.279 feet or 600.847 meters (G-2)
- EM 1974.5** (USGS, 1936; Clay County, North Carolina)
Located 3.17 miles southwest of Hayesville along U.S. Highway 64, 20 feet southwest of Mattheson, Cove road forks, 17 feet northwest of U.S. Highway 64, in root on south side of 48-inch oak tree. A copper nail and washer, painted "USEM 1974.5".
ELEVATION: 1974.209 feet or 601.740 meters (G-2)
- EM 1975.5** (USGS, 1936; Cherokee County, North Carolina)
Located 2.95 miles south of Andrews by road, and 70 feet southwest of road fork, 17 feet west of road, at center of ford of McClellan Creek, inside fence, in root on west side of 15-inch sycamore tree. A copper nail and washer, painted "USEM 1975.5".
ELEVATION: 1975.308 feet or 602.075 meters (G-2)
- EM 1976.3** (USGS, 1936; Clay County, North Carolina)
Located 4.3 miles (airline) east of Brasstown, 0.3 miles west of New Hope Church, at curve on point of hill, 11 feet northeast of road in root on the northeast side of a 15-inch oak tree. A copper nail and washer, painted "USEM 1976.3".
ELEVATION: 1975.961 feet or 602.274 meters (G-2)
- EM 1978.9** (USGS, 1936; Clay County, North Carolina)
Located 3.6 miles (airline) southeast of Brasstown, about 200 feet west of Copperhill Church, 90 feet southeast of road fork, in Y of road forks, in root on west side of a 10-inch oak tree. A copper nail and washer, painted "USEM 1978.9".
ELEVATION: 1978.575 feet or 603.071 meters (G-2)
- EM 2000.1** (USGS, 1936; Clay County, North Carolina)
Located 3.1 miles (airline) south of Hayesville, 1.0 miles south of Happy Top Church, 15 feet east of road, at curve, 5 feet above road, in root on the west side of 10-inch oak tree. A copper nail and washer, painted "USEM 2000.1".
ELEVATION: 1999.963 feet or 609.590 meters (G-2)
- EM 2000.9** (USGS, 1936; Cherokee County, North Carolina)
Located 1.54 miles north of Marble by road, at top of first ridge, 15 feet west of road, 3 feet west of fence, in the northwest root of 10-inch lone oak tree. A copper nail and washer, painted "USEM 2000.9".
ELEVATION: 2000.593 feet or 609.782 meters (G-2)
- EM 2004.9** (USGS, 1936; Clay County, North Carolina)
Located 5.1 miles northeast of Hayesville by road, 20 feet east

and 20 feet south of front entrance to Tusquitee Baptist Church, 50 feet northwest of road, in root on north side of 12-inch oak tree. A copper nail and washer, painted "USBM 2004.9"
ELEVATION: 2004.74 feet (G-3)

BM 2020.1 (USGS, 1936; Clay County, North Carolina)
Located 2.4 miles (airline) south of Hayesville, 0.25 miles south of Happy Top Church, 32 feet west of road forks southwest, top of hill, on 4-foot bank, in root on the west side of a 6-inch oak tree. A copper nail and washer, painted "USBM 2020.1".
ELEVATION: 2019.927 feet or 615.675 meters (G-2)

BM 2052.6 (USGS, 1936; Cherokee County, North Carolina)
Located 3.4 miles south of Andrews by road, and 95 feet north of ford across McClellan Creek, 7 feet west of road, in root on southeast side of 35-inch sycamore tree. A copper nail and washer, painted "USBM 2052.6"
ELEVATION: 2052.466 feet or 625.593 meters (G-2)

BM 2067.6 (USGS, 1936; Cherokee County, North Carolina)
Located 4.37 miles north of Missionary road, 1.13 miles north of Upper Peachtree Church, in saddle, 16 feet north of road fork northeast and in root on west side of a 12-inch oak tree. A copper nail and washer, painted "USBM 2067.6"
ELEVATION: 2067.352 feet or 630.130 meters (G-2)

BM 2079.1 (USGS, 1936; Cherokee County, North Carolina)
Located 2.5 miles (airline) south-southwest of Andrews, near the head of Brown Creek, 170 feet east of Taylor Creek road fork, 14 feet south of road, in base on the north side of 30-inch oak tree. A railroad spike, painted white, painted "USBM 2079.1".
ELEVATION: 2078.788 feet or 633.616 meters (G-2)

BM 2081.9 (USGS, 1936; Clay County, North Carolina)
Located 2.8 miles (airline) southwest of Hayesville, 0.55 miles southeast of U. S. Highway 64 by road, 10 feet north of Mattheson Cove road, in root on the north side of 10-inch oak tree. A copper nail and washer, painted "USBM 2081.9".
ELEVATION: 2081.810 feet or 634.537 meters (G-2)

BM 2098.4 (USGS, 1936; Cherokee County, North Carolina)
Located 2.4 miles (airline) south of Andrews, 0.25 miles southwest of tablet, G.W.M. 116 1936, at sharp bend in road, at foot of hill, 20 feet north of road forks, in root on south side of 25-inch oak tree. A copper nail and washer, painted "USBM 2098.4".
ELEVATION: 2098.159 feet or 639.520 meters (G-2)

BM 2101.1 (USGS, 1936; Clay County, North Carolina)
Located 2.6 miles (airline) south-southwest of Hayesville, about 1/4 mile east of Mattheson Cove, on top of hill, 22 feet north of road, in root on the southwest side of a 12-inch oak tree. A copper nail and washer, painted "USBM 2101.1".
ELEVATION: 2100.970 feet or 640.377 meters (G-2)

BM 2133.5 (USGS, 1936; Cherokee County, North Carolina)
Located 4.9 miles northeast of Grandview Post Office by road, 1.85 miles southwest of Lucy Gap by road, 75 feet east of mill, 25 feet north of road, at trail fork, in root on the south side of 14-inch persimmon tree on Hanging Dog Creek. A copper nail and washer, painted "USBM 2133.5"
ELEVATION: 2133.349 feet or 650.246 meters (G-2)

BM 2142.5 (USGS, 1936; Cherokee County, North Carolina)
Located 3.82 miles south of Andrews by road, and 50 feet south and 6.2 feet above road forks, 130 feet south of ford over McClellan Creek, 110 feet northeast of ford over McClellan Creek, 8 feet north of Forest Service telephone pole. A chiseled square, painted "USBM 2142.5" in top of a boulder.
ELEVATION: 2142.381 feet or 652.999 meters (G-2)

BM 2156.1 (USGS, 1936; Clay County, North Carolina)
Located 2.8 miles (airline) southwest of Hayesville, in Mattheson Cove, 50 feet north of private road fork southwest, 20 feet southwest of ford over branch, 7 feet west of road. A chiseled square, painted "USBM 2156.1" on rock outcrop.
ELEVATION: 2155.977 feet or 657.143 meters (G-2)

BM 2175.0 (USGS, 1936; Clay County, North Carolina)
Located 3.7 miles (airline) east-southeast of Brasstown, 0.8 miles northeast of Copperhill Church, at top of ridge in Brasstown Gap, 23 feet northwest of road, and in root on the northwest side of a 25-inch oak tree. A copper nail and washer, painted "USBM 2175.0"
ELEVATION: 2174.631 feet or 662.829 meters (G-2)

BM 2223.5 (USGS, 1936; Cherokee County, North Carolina)
Located 4.2 miles southeast of Andrews by road, 20 feet east of center line of bridge over Junaluska Creek, about 225 feet northwest of underpass, in root on north side of 24-inch hemlock trees. A copper nail and washer, painted "US 2223.5 BM".
ELEVATION: 2223.179 feet or 678.236 meters (T-2)

BM 2237.1 (USGS, 1936; Clay County, North Carolina)
Located 2.6 miles (airline) north of Hayesville, 0.5 miles north of T-road intersection by road, at top of hill, 6 feet east of road, in root on the west side of a 6-inch oak tree. A copper nail and washer, painted "USBM 2237.1".
ELEVATION: 2236.905 feet or 681.810 meters (G-2)

BM 2303.2 (USGS, 1936; Clay County, North Carolina)
Located 4.1 miles (airline) north of Hayesville, 0.5 miles west of Bristol Camp, at foot of ridge, 65 feet north of wagon road, at a trail fork to west, in rocky clearing, top of boulder. A chiseled square, painted "USBM 2303.2".
ELEVATION: 2302.965 feet or 701.945 meters (G-2)

BM 2310.6 (USGS, 1936; Cherokee County, North Carolina)
Located 3.0 miles north of Andrews by road, 95 feet west of trail fork, 60 feet southwest of road at curve, 12 feet north of trail, in root on the east side of a 25-inch red oak tree. A copper nail and washer, painted "USBM 2310.6".
ELEVATION: 2310.494 feet or 704.240 meters (G-2)

BM 2317.4 (USGS, 1936; Clay County, North Carolina)
Located 2.5 miles (airline) southwest of Hayesville, on Cherry Mountain ridge, 25 feet west of road at curve, at point of ridge, 5 feet above road in root on the northeast side of 10-inch oak tree. A copper nail and washer, painted "USBM 2317.4".
ELEVATION: 2317.299 feet or 706.314 meters (G-2)

BM 2340.4 (USGS, 1936; Clay County, North Carolina)
Located 4.3 miles (airline) north of Hayesville, 0.11 miles northwest of trail forks, at foot of ridge, on the northwest bank of Fires Creek, 135 feet southeast of Bristol Camp, 5 feet south of the south corner of spring house, 12 feet southwest of trail passing through yard, in root on the northwest side of 32-inch oak tree. A copper nail and washer, painted "USBM 2340.4".
ELEVATION: 2340.228 feet or 713.303 meters (G-2)

BM 2343.2 (USGS, 1936; Cherokee County, North Carolina)
Located 5.7 miles northeast of Grandview Post Office by road, 1.05 miles southwest of Lucy Gap by road, 40 feet north of Hanging Dog Creek, 20 feet southeast of T-road northeast to Lucy Gap, 10 feet north of Hanging Dog Creek road, 4.5 feet above road forks, top of boulder. A chiseled square, painted "USBM 2343.2".
ELEVATION: 2343.017 feet or 714.153 meters (G-2)

BM 2353.2 (USGS, 1936; Cherokee County, North Carolina)
Located 4.1 miles (airline) southwest of Andrews, at Hogpen Gap, 43 feet south of highest pole on power line, 15 feet south of road at saddle, 3.2 feet above road, in root on the north side of 15-inch oak tree. A copper nail and washer, painted "USBM 2353.2".
ELEVATION: 2352.912 feet or 717.169 meters (G-2)

BM 2362.4 (USGS, 1936; Cherokee County, North Carolina)
Located 2.75 miles north of Marble by road, 30 feet east of road at ford, on the north side of Allmon Creek, on rock outcrop. A chiseled square, painted "USBM 2362.4".
ELEVATION: 2362.187 feet or 719.996 meters (G-2)

BM 2414.3 (USGS, 1936; Clay County, North Carolina)
Located 2.9 miles (airline) north of Hayesville, 1.17 miles south of Carver Gap, in saddle, 11 feet southeast of road, in root on the west side of a 20-inch oak tree. A copper nail and washer, painted "USBM 2414.3".
ELEVATION: 2414.106 feet or 735.821 meters (G-2)

BM 2548.5 (USGS, 1936; Cherokee County, North Carolina)
Located 5.3 miles southeast of Andrews by road, on Franklin road, 4.1 miles east of Junaluska Terrace Hotel, 20 feet north of center line of road in root on south side of 30-inch oak tree. A copper nail and washer, painted "US 2548.5 BM".
ELEVATION: 2550.241 feet or 777.315 meters (T-2)

BM 2557.2 (USGS, 1936; Clay County, North Carolina)
Located 3.3 miles (airline) north of Hayesville, 0.67 miles south of Carver Gap, in a saddle in a narrow ridge, 8 feet west of road, in root on the east side of a 25-inch yellow pine tree. A copper nail and washer, painted "USBM 2557.2".
ELEVATION: 2556.970 feet or 779.366 meters (G-2)

BM 2585.4 (USGS, 1936; Cherokee County, North Carolina)
Located 6.1 miles northeast of Grandview Post Office by road, 0.64 miles southwest down grade from Lucy Gap, 60 feet west of last house on road to Lucy Gap, 16 feet west of trail, 400 feet northeast of end of road, at group of large boulders. A chiseled square, painted "USBM 2585.4" on top of boulder.
ELEVATION: 2585.241 feet or 787.983 meters (G-2)

BM 2655.8 (USGS, 1936; Clay County, North Carolina)
Located 3.9 miles (airline) north of Hayesville, 0.3 miles northeast of Carver Gap, at hairpin turn in wagon road, 12 feet southeast of road, 6 feet south of start of foot path to Bristol's house, at rock ledge, top of boulder. A chiseled square, painted "USBM 2655.8".
ELEVATION: 2655.556 feet or 809.415 meters (G-2)

BM 2726.3 (USGS, 1936; Cherokee County, North Carolina)
Located 3.95 miles north of Andrews by road, 160 feet northeast of a cut at a saddle, 110 feet northeast of an old road crossing, 23 feet southeast of road, 6.4 feet below road, in root on the northwest side of a 10-inch oak tree. A copper nail and washer, painted "USBM 2726.3".
ELEVATION: 2726.212 feet or 830.951 meters (G-2)

BM 2761.7 (USGS, 1936; Cherokee County, North Carolina)
Located 3.4 miles north of Marble by road, 8 feet north of road, on south side of 25-inch gum tree, painted white. A railroad spike, painted "USBM 2761.7".
ELEVATION: 2761.425 feet or 841.684 meters (G-2)

BM 2868.1 (USGS, 1936; Graham County, North Carolina)
Located 5.3 miles north of Marble to Long Bottoms by road, thence 1.23 miles northeast along trail, on south side of Little Snowbird Creek (3 channels), 70 feet east of center line of power line, 15 feet north of trail, in root on north side of 8-inch ash tree. A copper nail and washer, painted "USBM 2868.1".
ELEVATION: 2867.858 feet or 874.125 meters (G-2)

- BM 2919.1** (USGS, 1936; Graham County, North Carolina)
Located 5.3 miles north of Marble to Long Bottoms, thence 0.73 miles northeast along trail, 34 feet northeast of the east side of ford over Little Snowbird Creek, 9 feet north of trail. A chiseled square, painted "USBM 2919.1" in top of prominent rock outcrop.
ELEVATION: 2918.915 feet or 889.687 meters (G-2)
- BM 2975.6** (USGS, 1936; Cherokee County, North Carolina)
Located 4.95 miles south of Andrews, 42 feet northeast of trail, 10 feet west and 7 feet above Trail Branch, in root on the east side of 14-inch hickory tree. A copper nail and washer, painted "USBM 2975.6".
ELEVATION: 2975.404 feet or 906.905 meters (G-2)
- BM 3009.1** (USGS, 1936; Cherokee County, North Carolina)
Located 3.7 miles north of Marble by road, at sharp bend in road, 7 feet east of road. A chiseled square, painted "USBM 3009.1" on top of boulder.
ELEVATION: 3008.862 feet or 917.103 meters (G-2)
- BM 3060.8** (USGS, 1936; Graham County, North Carolina)
Located 5.3 miles north of Marble to Long Bottoms, thence 0.75 miles southwest by road, about 200 feet north of house, 40 feet south of the south edge of the ford over Little Snowbird Creek, at the end of car road, 6 feet west of road. A chiseled square, painted "USBM 3060.8" on top of boulder.
ELEVATION: 3060.591 feet or 932.870 meters (G-2)
- BM 3068.4** (USGS, 1936; Cherokee County, North Carolina)
Located 6.45 miles northeast of Grandview Post Office by road, 0.3 miles southwest of Lucy Gap on grade, 10 feet west of trail, in root on the north side of 36-inch hickory tree. A copper nail and washer, painted "USBM 3068.4".
ELEVATION: 3068.281 feet or 935.214 meters (G-2)
- BM 3079.4** (USGS, 1936; Cherokee County, North Carolina)
Located 4.8 miles north of Andrews by road, 50 feet north of saddle, 20 feet west of road, on bank, 2.4 feet above road, in root on the west side of 15-inch oak tree. A copper nail and washer, painted "USBM 3079.4".
ELEVATION: 3079.243 feet or 938.555 meters (G-2)
- BM 3086.4** (USGS, 1936; Clay County, North Carolina)
Located 4.6 miles (airline) north of Hayesville, 0.9 miles (airline) northeast of Carver Gap, 30 feet east of trail forks, 4 feet north of trail along telephone line, in root on the north side of a 12-inch oak tree. A copper nail and washer, painted "USBM 3086.4".
ELEVATION: 3086.221 feet or 940.682 meters (G-2)
- BM 3102.8** (USGS, 1936; Graham County, North Carolina)
Located 5.3 miles north to Long Bottoms from Marble, thence 1.2 miles west along Little Snowbird Creek trail, about 180 feet west of trail fork to north, 10 feet southwest of logging road north, on the north bank of creek, 2.6 feet above water, in root on the north side of 12-inch maple tree. A copper nail and washer, tree painted "USBM 3102.8".
ELEVATION: 3102.576 feet or 945.667 meters (G-2)
- BM 3135.2** (USGS, 1936; Graham County, North Carolina)
Located 5.3 miles north to Long Bottoms from Marble, thence 1.8 miles west along Little Snowbird Creek trail, in meadow, 240 feet northeast of steam boiler at abandoned sawmill, 60 feet north of trail at ford, 9 feet above water level at ford, top of boulder. A chiseled square, boulder painted "USBM 3135.2".
ELEVATION: 3135.040 feet or 955.562 meters (G-2)
- BM 3230.1** (USGS, 1936; Graham County, North Carolina)
Located 5.3 miles north to Long Bottoms from Marble, thence 3.2 miles west by road, 0.6 miles northeast of Lucy Gap, 60 feet southwest of the southwest corner of the house, 40 feet north of trail and 5 feet below trail, about 210 feet west of ford on Little Snowbird Creek, in root on the east side of 8-inch apple tree. A copper nail and washer, painted "USBM 3230.1".
ELEVATION: 3229.980 feet or 984.500 meters (G-2)
- BM 3254.0** (USGS, 1936; Cherokee County, North Carolina)
Located 5.25 miles north of Andrews by road, 65 feet north of saddle, 20 feet east of road, on bank, 5.7 feet above road, in root on the west side of a 16-inch oak tree. A copper nail and washer, painted "USBM 3254.0".
ELEVATION: 3253.934 feet or 991.801 meters (G-2)
- BM 3281.6** (USGS, 1936; Graham County, North Carolina)
Located 4.7 miles north of Marble, 0.45 miles northwest of Porterfield Gap by road, 50 feet north of wood bridge over drain, 5.5 feet above bridge level, 8 feet west of road. A chiseled square in top of boulder, painted "USBM 3281.6".
ELEVATION: 3281.325 feet or 1000.150 meters (G-2)
- BM 3466.8** (USGS, 1936; Graham County, North Carolina)
Located 6.75 miles northeast of Grandview Post Office by road, 17 feet southeast of highest point on trail through Lucy Gap, 1 foot above gap elevation, 24 feet south of open gate, in root on the north side of a 9-inch walnut stump. A copper nail and washer, painted "USBM 3466.8".
ELEVATION: 3466.693 feet or 1056.650 meters (G-2)
- BM 3546.5** (USGS, 1936; Cherokee County, North Carolina)
Located 5.5 miles south of Andrews by road, on point of ridge, 120 feet southeast of sharp bend in trail, 5 feet southwest of trail, in root on northeast side of 10-inch oak tree. A copper nail and washer, painted "USBM 3546.5".
ELEVATION: 3546.292 feet or 1080.912 meters (G-2)
- BM 3647.8** (USGS, 1936; Clay County, North Carolina)
Located 5.1 miles (airline) north of Hayesville, 1.65 miles south of Big Stamp Lookout Tower, on Trail Ridge, 6 feet southwest of trail, in root on the northwest side of a 12-inch oak tree. A copper nail and washer, painted "USBM 3647.8".
ELEVATION: 3647.568 feet or 1111.781 meters (G-2)
- BM 4075.3** (USGS, 1936; Cherokee County, North Carolina)
Located 6.1 miles south of Andrews by road, at top of Valley River Mountains ridge, 60 feet west of Forest Service signpost, 55 feet west and 1 foot above trail fork, 14 feet north of ridge trail, in root on southwest side of 40-inch oak tree. A copper nail and washer, painted "USBM 4075.3".
ELEVATION: 4075.103 feet or 1242.094 meters (G-2)
- BM 4083.8** (USGS, 1936; Clay County, North Carolina)
Located 8.12 miles south of Andrews by road, 1.11 miles south of Big Stamp Lookout Tower, on Trail Ridge, on side of hill, 8 feet northeast of trail, in root on the east side of 28-inch oak tree. A copper nail and washer, painted "USBM 4083.8".
ELEVATION: 4083.601 feet or 1244.684 meters (G-2)
- BM 4263.4** (USGS, 1936; Clay County, North Carolina)
Located 7.1 miles south of Andrews by road, 0.12 miles east of Big Stamp Lookout Tower, 25 feet southeast of trail forks, 20 feet southeast of Forest Service signpost, in root on the east side of 17-inch chestnut oak tree. A copper nail and washer, painted "USBM 4263.4".
ELEVATION: 4263.259 feet or 1299.444 meters (G-2)
- BM 4287.9** (USGS, 1936; Clay County, North Carolina)
Located 7.7 miles south of Andrews by road, 0.68 miles south of Big Stamp Lookout Tower, on Trail Ridge, 13 feet west of trail, in root on the northwest side of 14-inch hickory tree. A copper nail and washer, painted "USBM 4287.9".
ELEVATION: 4287.701 feet or 1306.894 meters (G-2)
- BM 4290.1** (USGS, 1936; Clay County, North Carolina)
Located 6.55 miles south of Andrews by road, on ridge trail, 0.44 miles west of McClellan Creek trail fork, at point where side of ridge extends southward, 20 feet south of trail, in root on the northwest side of 25-inch oak tree. A copper nail and washer, painted "USBM 4290.1".
ELEVATION: 4289.896 feet or 1307.563 meters (G-2)
- BM "A"** (USED, ? ; Clay County, North Carolina)
Located at Tusquitee Dam Site, 1.7 miles (airline) north-northwest of Hayesville, 80 feet southeast of McTaggart's house and about 0.1 mile southwest of Hiwassee River, at river mile 115.0. Top of steel rod in center of concrete post.
ELEVATION: 1830.6 feet (E-4)
- BM 1 I 2** (TVA, 1934; Cherokee County, North Carolina)
Located 3.4 miles east of Murphy, 5.9 feet below U.S. Highway 64, 55 feet southeast of a T-road north, on the west end of north headwall of a concrete culvert over Fall Branch. A chiseled square, painted "TVA BM 1 I 2", painted "USBM 1559.7".
ELEVATION: 1559.396 feet or 475.305 meters (G-2)
- BM 1 I 3** (TVA, 1934; Cherokee County, North Carolina)
Located about 5 miles southeast of Murphy, 0.7 miles northwest of Brasstown, at concrete bridge over Hiwassee River, on the northeast corner of the east parapet of the north abutment. A chiseled square, painted "TVA 1 I 3".
ELEVATION: 1598.442 feet or 487.206 meters (G-2)
- BT 1** (TVA, 1934; Clay County, North Carolina)
Located at Brasstown, 25 feet south of intersection of Brasstown road and U.S. Highway 64, 30 feet west of Fred O. Scroggs' general merchandise store. A chiseled square, in southwest corner of concrete cover over cistern.
ELEVATION: 1602.7 feet (T-4)
- BT 2** (TVA, 1934; Clay County, North Carolina)
Located 0.75 miles southeast of Brasstown, 20 feet west of center line of U.S. Highway 64, 20 feet northeast of the northeast corner of stone building at Mountain Valley Creamery. A spike in base of telegraph pole, pole painted "BM TVA BT 2 1618.1".
ELEVATION: 1617.825 feet or 493.114 meters (G-2)
- BT 3** (TVA, 1934; Clay County, North Carolina)
Located 1.8 miles southeast of Brasstown, 64 feet south of center line of intersection of Pinelog road and U.S. Highway 64, 7 feet above floor of iron bridge over Brasstown Creek, at the northwest corner of bridge. Top of the north rivet of the inside row, in painted circle. Bridge painted "BM TVA BT 3 1634.1".
ELEVATION: 1633.720 feet or 497.959 meters (G-2)
- BT 4** (TVA, 1934; Clay County, North Carolina)
Located 1.9 miles southeast of Brasstown, 25 feet south of U.S. Highway 64, at U bend, and 6 feet east of Riley Ellis' mail box, on top of boulder. A chiseled square, painted "BM TVA BT 4 1698.4".
ELEVATION: 1698.074 feet or 505.382 meters (G-2)
- BT 5** (TVA, 1934; Clay County, North Carolina)
Located 2.2 miles southeast of Brasstown, 0.4 miles north-northwest of Ogden School, on U.S. Highway 64, on concrete highway bridge over Trout Cove Branch, at the north end of west guard. The southeast outside corner of a hollow square.
ELEVATION: 1649.199 feet or 502.677 meters (G-2)
- BT 6** (TVA, 1934; Clay County, North Carolina)
Located 3.2 miles southeast of Brasstown, 0.6 miles south of Ogden School, about 0.5 miles south from U.S. Highway 64, on Gum Log road at Spivey's bridge over Brasstown Creek. A chiseled square on upstream right bank wing wall of bridge.
ELEVATION: 1666.1 feet (T-4)
- C 54** (USC&GS, 1933; Cherokee County, North Carolina)
Located 9.1 miles east by rail, from Murphy, 755 feet west of Marble Depot, 65 feet east of milepost No. 113, 18 feet south of south rail, 17 feet north of center of U.S. Highway 19, 1 foot above top of rail, 8 inches above grade. A standard tablet stamped "C 54, 1933" and set in top of concrete post.
ELEVATION: 1685.417 feet or 513.716 meters (C-2)

CHATUGE GAGE (TVA, 1942; Clay County, North Carolina)

Located at Chatuge Dam on main floor of intake tower, in northeast corner of concrete pedestal supporting top of gage well. A standard tablet, not stamped.

ELEVATION: 1943.03 feet (T-3)

C LRH 4 (TVA, 1947; Clay County, North Carolina)

Located about 3 miles southeast of Hayesville on top of Chatuge Dam, 150 feet southwest of southwest corner of Operator building on north edge of road across dam on north side of rock curb, about 20 feet southwest end of asphalt paving, 14.4 feet northwest of lower bolt on light pole, 42.4 feet south of end fence post, 61.0 feet southeast of southeast corner of rain gage stand. A 2-1/2 by 2-1/2-inch bronze tablet (ground-off property marker) stamped "US TVA C LRH 4" and set in concrete monument.

GRID POSITION (N.C.): X = 567,614.9; Y = 496,721.9 (T-3)
ELEVATION: 1940.77 feet (T-3)

C LRH 7 (TVA, 1947; Clay County, North Carolina)

Located about 3 miles southeast of Hayesville, on Chatuge Dam, at west end of dam, 32 feet northeast of gate in fence on north edge of road across dam, and on north side of rock curb, 43.4 feet west of top bolt on first lamp from west end of Dam, 57.8 feet northeast of east point at island in turn around at west end of Dam. A 2-1/2 by 2-1/2-inch bronze tablet (ground-off property marker) stamped "US TVA C LRH 7" set in concrete monument.

GRID POSITION (N.C.): X = 565,123.3; Y = 495,570.3 (T-3)
ELEVATION: 1940.81 feet (T-3)

C LRH 25 (TVA, 1947; Clay County, North Carolina)

Located about 3 miles southeast of Hayesville, on downstream face of Chatuge Dam at toe of slope, at base of dam, about 350 feet southeast of valve house, about 100 feet southeast of barbwire fence and at lower edge of rip rap, 175 feet southwest of center of water test hole #4. A 2-1/2 by 2-1/2-inch bronze tablet (ground-off property marker) stamped "C LRH 25 US TVA" set in concrete monument.

GRID POSITION (N.C.): X = 565,636.6; Y = 496,281.1 (T-3)
Grid Azimuth to C LRH 26 (distance 491.3 feet): 247°50'15".
ELEVATION: 1816.35 feet (T-3)

C LRH 26 (TVA, 1947; Clay County, North Carolina)

Located about 3 miles southeast of Hayesville, on downstream face of Chatuge Dam, near toe, 86 feet east of southeast fence post, about 130 feet east of southeast edge of valve house, 8 18-30E 5.45 feet from center of water test hole, 3.0 feet southeast of southeast corner of southwest corner post of pen around test hole #5, 3.8 feet southwest of south corner of southeast post of pen around test hole #5. A 2-1/2 by 2-1/2-inch bronze tablet (ground-off property marker) stamped "C LRH 26 US TVA" set in precast monument.

GRID POSITION (N.C.): X = 566,091.7; Y = 496,466.5 (T-3)
Grid Azimuth to C LRH 25 (distance 491.3 feet): 67°50'50".
ELEVATION: 1826.81 feet (T-3)

C LRH 44 (TVA, 1947; Clay County, North Carolina)

Located about 3 miles southeast of Hayesville, about 230 feet north-east of center line of old Franklin Highway, near east end of Saddle Dam #3, 0.5 miles northeast of Chatuge Dam, 30 feet west of end of Saddle Dam #3, about 12 feet south of center line of road across dam at top of rip rap, 1.6 feet north of paint spot on center of boulder, 5.1 feet west of paint spot on rock. A 2-1/2 by 2-1/2-inch bronze tablet (ground-off property marker) stamped "US TVA C LRH 44" set in concrete monument.

GRID POSITION (N.C.): X = 570,897.8; Y = 498,565.6 (T-3)
Grid Azimuth to C LRH 45 (distance 340.1 feet): 83°11'30".
ELEVATION: 1940.24 feet (T-3)

C LRH 45 (TVA, 1947; Clay County, North Carolina)

Located about 3 miles southeast of Hayesville, about 100 feet west of center line of old Franklin Highway, near west end of Saddle Dam #3, about 0.5 miles northeast of Chatuge Dam, 30 feet east of west end of Saddle Dam #3, about 60 feet east of road leading to Malaria control base, about 10 feet south of center line of road across dam at top of rip rap, 3.4 feet northwest of paint spot on northwest point of rock, 2.7 feet northeast of paint spot on east point of rock. A 2-1/2 by 2-1/2-inch bronze tablet (ground-off property marker) stamped "US TVA C LRH 45" set in concrete monument.

GRID POSITION (N.C.): X = 570,560.2; Y = 498,525.3 (T-3)
Grid Azimuth to C LRH 44 (distance 340.1 feet): 263°11'30".
ELEVATION: 1940.37 feet (T-3)

C LRH 46 (TVA, 1947; Clay County, North Carolina)

Located about 3 miles southeast of Hayesville, 400 feet southwest of center of Chatuge Saddle Dam #1, 75 feet northeast of new county road, 0.5 miles southwest of Chatuge Dam set in east edge of small clump of pines, about 175 feet southwest of old State Highway 69, about 10 feet north of old washed out road. A 2-1/2 by 2-1/2-inch bronze tablet (ground-off property marker) stamped "US TVA C LRH 46" set in concrete monument.

Reference Mark 1: 8.7 feet Southwest to washer in 6-inch pine.
Reference Mark 2: 8.2 feet Northeast to washer in 2-inch poplar.
Reference Mark 3: 10.8 feet Northwest to washer in 3-inch wild cherry.
GRID POSITION (N.C.): X = 562,926.2; Y = 492,993.8 (T-3)
Grid Azimuth to C LRH 47 (distance 435.6 feet): 195°38'00".
ELEVATION: 1930.92 feet (T-3)

C LRH 47 (TVA, 1947; Clay County, North Carolina)

Located about 3 miles south of Hayesville, on Chatuge Saddle Dam #1, 197 feet northeast of center line of new county road, about 0.5 miles southwest of Chatuge Dam, set on north edge near center of Saddle Dam #1, about 55 feet east of center line of old State Highway #69. A 2-1/2 by 2-1/2-inch bronze tablet (ground-off property marker) stamped "US TVA C LRH 47" set in concrete monument.

Reference Mark 1: 171.6 feet West to washer on 5-inch pine.
Reference Mark 2: 154.4 feet Northeast to washer on 8-inch post oak.
Reference Mark 3: 122.5 feet North to washer on 3-inch pine.
GRID POSITION (N.C.): X = 563,043.6; Y = 493,413.3 (T-3)
Grid Azimuth to Flag Pole: 233°47'00"

Grid Azimuth to C LRH 46 (distance 435.6 feet): 15°38'00"
ELEVATION: 1940.13 feet (T-3)

CSR 1 (TVA, 1941; Clay County, North Carolina)

Located 3 miles southeast of Hayesville, on left bank of Hiwassee River, on State Highway 287, on large flat grassy point approximately 300 feet northeast of Boy Scout Pavilion, 0.4 miles southeast of McClure Branch at highway, 0.3 miles east of highway, in cornfield about 150 feet due east of timber line. A standard tablet stamped "CSR 1 1941" set in concrete monument. A steel post with control marker sign set approximately 1 foot southwest of monument.

GRID POSITION (N.C.): X = 565,529.6; Y = 492,490.7 (T-4)
Grid Azimuth to CSR 2 (distance 2833.7 feet): 226°17'
ELEVATION: 1935.0 feet (T-4)

CSR 2 (TVA, 1941; Clay County, North Carolina)

Located 2.9 miles southeast of Hayesville, on right bank of Hiwassee River, 2000 feet southeast of Chatuge Dam, 0.3 miles southeast of former junction of Shooting Creek and Hiwassee River, in grown up sedge field on west point of large island. A standard tablet stamped "CSR 2 1941" set in concrete monument. A steel post with control marker sign set approximately 1 foot southeast of monument.

Reference Mark 1: 16.5 feet Southwest to 6-inch persimmon.
Reference Mark 2: 17.4 feet Northwest to 2-inch black oak.
Reference Mark 3: 14.0 feet Southwest to 3-inch black oak.
GRID POSITION (N.C.): X = 567,577.6; Y = 494,449.1 (T-4)
Grid Azimuth to CSR 3 (distance 2270.5 feet): 204°59'.
Grid Azimuth to CSR 1 (distance 2833.7 feet): 46°17'.
ELEVATION: 1933.2 feet (T-4)

CSR 3 (TVA, 1941; Clay County, North Carolina)

Located 2.7 miles southeast of Hayesville, on right bank of Hiwassee River, 0.2 miles east of east end of Chatuge Dam, on U.S. Highway 64, on heavy timbered rounded point used as picnic area. A standard tablet stamped "CSR 3 1941" set in concrete monument. A steel post with control marker sign set approximately 1 foot northeast of monument.

Reference Mark 1: 17.6 feet Southeast to 14-inch red oak.
Reference Mark 2: 10.7 feet North to 10-inch red oak.
Reference Mark 3: 30.4 feet West to 16-inch red oak.
GRID POSITION (N.C.): X = 568,536.6; Y = 496,507.2 (T-4)
Grid Azimuth to CSR 2 (distance 2270.5 feet): 24°59'.
ELEVATION: 1933.2 (T-4)

CSR 4 (TVA, 1941; Clay County, North Carolina)

Located 0.25 miles northwest of former junction of Lickoff and Shooting Creeks, on right bank of Shooting Creek, 0.15 miles north of former U.S. Highway 64, 0.6 miles east of Saddle Dam #3, 0.25 miles southeast of farm house, about 110 feet northwest of painted 20-inch white oak. A standard tablet stamped "CSR 4 1941" set in concrete monument. A steel post with control marker sign set approximately 1 foot north of monument.

Reference Mark 1: 17.2 feet Northwest to 5-inch red oak.
Reference Mark 2: 18.5 feet Northeast to 6-inch black oak.
Reference Mark 3: 14.8 feet South to 4-inch twin white oak.
GRID POSITION (N.C.): X = 574,069.0; Y = 498,365.4 (T-4)
Grid Azimuth to CSR 5 (distance 2010.5 feet): 15°10'.
ELEVATION: 1933.7 feet (T-4)

CSR 5 (TVA, 1941; Clay County, North Carolina)

Located 3-1/2 miles southeast of Hayesville, right bank of Hiwassee River and left bank of Shooting Creek, 1.0 miles east of Saddle Dam 2, 300 feet north of 12-inch red oak at edge of woods, 0.25 miles south of old U.S. Highway 64, on long peninsula in sedge field. A standard tablet, stamped "CSR 5 1941" set in concrete monument. A steel post with control marker sign set approximately 1 foot south of monument.

Reference Mark 1: 103.5 feet Southeast to 3-inch lone field pine.
Reference Mark 2: 4.5 feet East to 2-inch crabapple bush.
GRID POSITION (N.C.): X = 573,543.1; Y = 496,424.9 (T-4)
Grid Azimuth to CSR 4 (distance 2010.5 feet): 195°10'.
ELEVATION: 1932.6 feet (T-4)

CSR 6 (TVA, 1941; Clay County, North Carolina)

Located 4 miles southeast of Hayesville, right bank of Hiwassee River and right bank of Shooting Creek, 1.8 miles east of east end of Chatuge Dam, on U.S. Highway 64, 0.25 miles southwest of Elf School, on rounded point in woods, approximately 125 feet southeast of center of slight draw. A standard tablet stamped "CSR 6 1941" set in concrete monument. A steel post with control marker sign set approximately 1 foot northwest of monument.

Reference Mark 1: 24.5 feet Northwest to 4-inch painted hickory.
Reference Mark 2: 9.7 feet East to 10-inch painted hickory.
Reference Mark 3: 20.8 feet North to 18-inch painted post oak.
GRID POSITION (N.C.): X = 577,214.9; Y = 495,463.9 (T-4)
Grid Azimuth to CSR 7 (distance 3744.6 feet): 336°40'.
ELEVATION: 1933.5 feet (T-4)

CSR 12 (TVA, 1941; Clay County, North Carolina)

Located 3-1/2 miles southeast of Hayesville, on right bank of Hiwassee River, about 1/2 mile south of Goose Branch, 1.0 miles southeast of Saddle Dam 1, in edge of oak timber approximately 50 feet east of sharp point. A standard tablet stamped "CSR 12 1941" set in concrete monument. A steel post with control marker sign set 1 foot east of monument.

Reference Mark 1: 10.7 feet East to 10-inch red oak.
Reference Mark 2: 31.2 feet North to 18-inch spanish oak.
Reference Mark 3: 12.7 feet Northeast to 4-inch white oak.
GRID POSITION (N.C.): X = 567,334.0; Y = 489,857.4 (T-4)
Grid Azimuth to CSR 13 (distance 4131.1 feet): 64°20'.
ELEVATION: 1932.8 feet (T-4)

D 54 (USCGS, 1933; Cherokee County, North Carolina)

Located 5.9 miles west by rail from Andrews, 760 feet east of milepost 113 60 feet west of Marble Depot, 33 feet north of center of U.S. Highway 19, 15 feet south of south rail, and 2 feet above top of rail, 8 inches above grade. A standard disk, stamped "D 54 1933" set in top of concrete post.
ELEVATION: 1686.388 feet or 514.012 meters (C-2)

E 54 (USC&GS, 1933; Cherokee County, North Carolina)

Located 3.8 miles west by rail from Andrews about 2 miles northeast of Marble, 825 feet east of milepost 111, 70 feet west of U.S. Highway 19 grade crossing, 50 feet south of south rail, 15 feet north of U.S. Highway 19 on level with base of rail, 10 inches above grade. A standard disk stamped "E 54 1933" set in top of concrete post.

ELEVATION: 1661.539 feet or 506.438 meters (G-2)

F 54 (USC&GS, 1933; Cherokee County, North Carolina)

Located 1.5 miles west by rail from Andrews in top and 1 foot from south end of east concrete abutment of Valley River Railroad Bridge No. 12-T-108.5, 8 feet south of south rail, and 3.5 feet below base of rail. A standard disk, stamped "F 54 1933".

ELEVATION: 1706.660 feet or 520.191 meters (G-2)

FLAG POLE (TVA, 1947; Clay County, North Carolina)

Located 2.5 miles southeast of Hayesville at Chatuge Dam. Station is a flag pole.

GRID POSITION (N.C.): X = 567,770.8; Y = 496,875.2 (T-3)

G 54 (USC&GS, 1933; Cherokee County, North Carolina)

Located in Andrews 60 feet south of south rail, 25 feet west of west end of Andrews Depot on level with top of rail, in top of concrete post 10 inches above grade and at east end of park between railroad and street. A standard disk stamped "G 54, 1933".

ELEVATION: 1772.808 feet or 540.353 meters (G-2)

GAGE RM 1 (USGS, 1942, below Chatuge Dam; Clay County, North Carolina)

Located 0.4 miles upstream from Hyatt Mill Creek, 0.7 miles upstream from Blair Creek, 1.6 miles downstream from Chatuge Dam, 1.7 miles southeast of Hayesville, on left bank of Hiwassee River, in top of concrete block at outer end of intake, 1.667 feet above gage zero. A standard tablet.

ELEVATION: 1791.57 feet (T-3)

GAGE RM 1 (USGS, 1934, below Hayesville; Clay County, North Carolina)

Located on right bank of Hiwassee River at Mile 114.6, 2 miles downstream from Hayesville, 135 feet southwest of railroad, 155 feet southwest of road, in top of concrete retaining wall through which intake pipe at gage passes, 20 feet streamward from gage well, 4.10 feet above gage zero. A standard USGS gaging station reference tablet not stamped, painted "USPM 1764.0"

ELEVATION: 1764.426 feet or 537.798 meters (G-2)

GAGE RM 1 (USGS, 1934, Tomotla; Cherokee County, North Carolina)

Located 4.9 miles northeast of Murphy by rail, thence 0.12 miles east along highway, on right bank of Valley River, about 6 miles upstream from mouth, at steel highway bridge, 600 feet from Tomotla Post Office, 400 feet east of road fork on U.S. Highway 19, 6 feet south of road, 6 feet west of southwest corner of bridge, 16 feet northwest of scales, on top of concrete step at road elevation. A standard USGS gaging station reference tablet not stamped, painted "USPM 1574.7"

ELEVATION: 1574.416 feet or 479.883 meters (G-2)

ELEVATION: 1574.35 feet (T-3)

NOTE: This bench mark apparently has settled. The second-order elevation was established in 1936 and the third-order elevation in 1950.

GAGE RM 2 (USGS, 1942, below Chatuge Dam; Clay County, North Carolina)

Located 0.4 miles upstream from Hyatt Mill Creek, 0.7 miles upstream from Blair Creek, 1.6 miles downstream from Chatuge Dam, 1.7 miles southeast of Hayesville, on left bank of Hiwassee River. Bench mark is in concrete headwall, 6.880 feet above gage zero. A standard USGS gaging station reference tablet.

ELEVATION: 1796.78 feet (T-3)

GAGE RM 2 (USGS, 1934, below Hayesville; Clay County, North Carolina)

Located on right bank of Hiwassee River at Mile 114.6, 2 miles downstream from Hayesville, 115 feet southwest of railroad, 20 feet east of river, 7.7 feet south from gage well, 9.35 feet above gage zero. A standard USGS gaging station reference tablet not stamped.

ELEVATION: 1769.678 feet or 539.399 meters (G-2)

GAGE RM 2 (USGS, 1934, Tomotla; Cherokee County, North Carolina)

Located on right bank of river about 6 miles upstream from mouth, at steel highway bridge, 600 feet from Tomotla Post Office, between low water gage section and gage well, 5.25 feet above gage zero. A standard USGS gaging station set in top of concrete retaining wall.

ELEVATION: 1561.71 feet (T-3)

GAGE RM 4 (USGS, 1942; Clay County, North Carolina)

Located 0.4 miles upstream from Hyatt Mill Creek, 0.7 miles upstream from Blair Creek, 1.6 miles downstream from Chatuge Dam, 1.7 miles southeast of Hayesville, on left bank of Hiwassee River, in upstream end of concrete stair sill, 17.305 feet above gage zero. Top of bolt set vertically.

ELEVATION: 1807.20 feet (T-3)

GWM 72 (USGS, 1936; Cherokee County, North Carolina)

Located 4.17 miles east of Murphy along U.S. Highway 64, 0.17 miles east of a T-road northeast, on the west end of south headwall of a large concrete culvert over Peachtree Creek. A standard tablet stamped "GWM 72 1936", painted "USPM".

Reference mark is 57 feet northeast of tablet, on east end of north headwall of large concrete culvert; chiseled square 0.082 feet lower than tablet.

ELEVATION: 1568.996 feet or 478.231 meters (G-2)

GWM 80 (USGS, 1936; Cherokee County, North Carolina)

Located 4.0 miles east of Murphy along U.S. Highway 64, thence 1.1 miles northeast on the north end of the west headwall of a concrete culvert over Sneed Branch. A standard tablet stamped "GWM 80 1936-1610, and painted "USPM 1610.2"

Reference mark is 20 feet northwest of tablet, 29 feet west of road, in root on east side of 8-inch oak tree; copper nail and washer 1.024 feet lower than tablet.

ELEVATION: 1609.895 feet or 490.697 meters (G-2)

GWM 81 (USGS, 1936; Cherokee County, North Carolina)

Located 4.0 miles east of Murphy along U.S. Highway 64, thence 3.94 miles northeast; 2.4 miles northwest of Peachtree by road, 0.1 mile northwest of private road fork at top of hill, 0.5 mile south of T-road south, 10 feet northeast of road. A standard tablet stamped "GWM 81 1936, 1789, painted USPM 1788.6"

Reference mark is 57 feet south of tablet, 14 feet southwest of road, in root on north side of 16-inch oak tree; copper nail and washer 2.972 feet lower than tablet.

ELEVATION: 1788.277 feet or 545.068 meters (G-2)

GWM 82 (USGS, 1936; Cherokee County, North Carolina)

Located 5.1 miles east of Murphy along U.S. Highway 64, 670 feet south of Peachtree road fork, 14 feet west of Mission road fork, on the west headwall of a concrete culvert. A standard tablet stamped "GWM 82 1936 1629, painted USPM 1628.6"

Reference mark is 135 feet southeast of tablet, across road from store at Mission road forks, on east headwall of concrete culvert on U.S. Highway 64; chiseled square 1.263 feet lower than tablet.

ELEVATION: 1628.264 feet or 496.296 meters (G-2)

GWM 83 (USGS, 1936; Cherokee County, North Carolina)

Located 6.5 miles southeast of Murphy along U.S. Highway 64, 0.7 miles northwest of Brasstown store, on concrete highway bridge over Hiwassee River, 12 feet west of center line of highway, 4 feet southeast of Clay county sign, on the east parapet wall of the north concrete abutment. A standard tablet stamped "GWM 83 1936 1598.8" painted "USPM".

ELEVATION: 1598.471 feet or 487.215 meters (G-2)

GWM 84 (USGS, 1936; Cherokee County, North Carolina)

Located 0.5 miles (airline) southwest of Brasstown, 0.7 miles southwest along Little Brasstown Creek road, 14 feet west of T-road northwest, 30 feet southwest of wood bridge over Brendle Branch, on the southwest headwall of a concrete culvert under side road. A standard tablet stamped "GWM 84 1936 1615", painted "USPM 1615.1"

Reference mark is 40 feet north of tablet, in barnyard, in root on west side of 18-inch maple tree; 1.069 feet lower than tablet.

ELEVATION: 1614.806 feet or 492.194 meters (G-2)

GWM 85 (USGS, 1936; Cherokee County, North Carolina)

Located 2.4 miles (airline) southwest of Brasstown, 2.8 miles southwest along Little Brasstown Creek road, 2.35 miles east of Martin Creek School, 50 feet northeast of wood bridge over Ricks Branch, 50 feet northwest of road fork, 30 feet north of road, on bank 3 feet above road, on top of marble post. A standard tablet stamped "GWM 85 1936 1647, painted "USPM 1647.4"

Reference mark is 59 feet east of tablet, 95 feet east of wood bridge over Rock Creek, 20 feet northeast of road fork north, in root on southwest side of 8-inch oak tree; copper nail and washer 1.880 feet higher than tablet.

ELEVATION: 1647.064 feet or 502.026 meters (G-2)

GWM 86 (USGS, 1936; Clay County, North Carolina)

Located 1.25 miles southeast of Brasstown along U.S. Highway 64, 87 feet south of road fork northeast, 4 feet below highway, and on the southwest headwall of a large concrete culvert over Buchanan Branch. A standard tablet stamped "GWM 86 1936 1613" painted "USPM 1613.2"

Reference mark is 36 feet northeast of tablet, on north end of northeast headwall of concrete culvert; chiseled square 0.292 feet higher than tablet.

ELEVATION: 1612.923 feet or 491.620 meters (G-2)

GWM 87 (USGS, 1936; Clay County, North Carolina)

Located 3.0 miles southeast of Brasstown along U.S. Highway 64, on concrete highway bridge over Trout Cove Branch, at the north end of the east guard. A standard tablet stamped "GWM 87 1936 1650" painted "USPM 1650.3"

ELEVATION: 1650.003 feet or 502.922 meters (G-2)

GWM 88 (USGS, 1936; Clay County, North Carolina)

Located 4.75 miles southeast of Brasstown along U.S. Highway 64, 300 feet northwest of a T-road northeast through Brasstown Gap, 4.6 feet below highway, on north end of east headwall of a concrete culvert over creek. A standard tablet stamped "GWM 88 1936 1680, painted USPM 1680.2"

Reference mark is 96 feet northwest of tablet, on south end of east headwall of concrete culvert over Beach Creek, 4.1 feet below U.S. Highway 64; chiseled square 0.742 feet higher than tablet.

ELEVATION: 1679.865 feet or 512.024 meters (G-2)

GWM 89 (USGS, 1936; Clay County, North Carolina)

Located 3.6 miles (airline) east-southeast of Brasstown, about 0.4 miles southwest of Brasstown Gap, 53 feet north of ford over creek, 25 feet northwest of road. A standard tablet stamped "GWM 89 1936 2004", painted USPM 2003.7"

Reference mark is 32 feet southwest of tablet, 20 feet northwest of road, 30 feet north of creek crossing, in root on southeast side of 30-inch inclined gum tree; copper nail and washer 2.618 feet lower than tablet.

ELEVATION: 2003.375 feet or 610.630 meters (G-2)

GWM 90 (USGS, 1936; Clay County, North Carolina)

Located 2.25 miles by road southeast of Shallow Ford Bridge, 0.5 miles northwest of road fork northeast to Hayesville, about 150 feet north of farm house, 20 feet northeast of road. A standard tablet stamped "GWM 90 1936 1855, painted USPM 1854.7", and set in rock outcrop.

Reference mark is 23 feet north of tablet, 24 feet northeast of road, on rock outcrop; chiseled square 4.672 feet lower than tablet.

ELEVATION: 1894.340 feet or 567.204 meters (G-2)

GWM 91 (USGS, 1936; Clay County, North Carolina)

Located 200 feet west of the northwest corner of the Shallow Ford Bridge over Hiwassee River, 200 feet west of railroad crossing, 10 feet north of center line of Tennessee and North Carolina Railroad track, 25 feet south of road, on rock outcrop, and about 2.3 feet above the tracks. A standard tablet stamped "GWM 91 1936, 1686, painted USPM 1686.1"

ELEVATION: 1685.837 feet or 513.844 meters (G-2)

GWM 92 (USGS, 1936; Clay County, North Carolina)

Located 2.5 miles (airline) northeast of Brasstown on crest of

Andrews Dam, 7.4 feet above lake level, 68 feet west of Tennessee and North Carolina Railroad tracks at east end of dam, over concrete arch on south side of dam. A standard tablet stamped "GWM 92 1936 1665" painted "USFPM 1665.1".

ELEVATION: 1664.842 feet or 507.445 meters (G-2)

GWM 93 (USGS, 1936; Cherokee County, North Carolina)

Located 1.7 miles (airline) northeast of Brasstown, 210 feet east of private road fork, 100 feet southeast of Mission Branch plank bridge, 50 feet south of highway, 12 feet north of private road. A standard tablet stamped "GWM 93 1936 1627" painted "USFPM 1627.0". Reference mark is 110 feet northwest of tablet, 120 feet east of private road fork, 20 feet north of road at center of plank bridge over Mission Branch, on rock outcrop, at road level; chiseled square, painted "R.M.", 4.101 feet lower than tablet.

ELEVATION: 1626.729 feet or 499.828 meters (G-2)

GWM 94 (USGS, 1936; Cherokee County, North Carolina)

Located 1.25 miles north of Mission by road, 78 feet northeast of Tennessee and North Carolina Railroad crossing, and 6.1 feet above railroad crossing, 14 feet northwest of private road fork to southeast. A standard tablet in top of large boulder stamped "GWM 94 1936 1719". Mail box post 12 feet northeast painted "USFPM 1718.8".

Reference mark is 200 feet southwest of tablet, 120 feet southwest of Tennessee and North Carolina railroad crossing, 27 feet south of road, in root on north side of 30-inch lone oak tree; copper nail and washer 7.067 feet higher than tablet.

ELEVATION: 1718.500 feet or 523.800 meters (G-2)

GWM 95 (USGS, 1936; Cherokee County, North Carolina)

Located 3.0 miles north of Mission by road, 0.24 miles south of Upper Peachtree Church, on point of hill midway between two wooden bridges over Peachtree Creek; and 16 feet east of road on rock outcrop. A standard tablet stamped "GWM 95 1936 1857" painted "USFPM 1857." and set in rock outcrop.

Reference mark is 30 feet south of tablet, 14 feet east of road, on rock outcrop, chiseled square 2.576 feet lower than tablet.

ELEVATION: 1857.139 feet or 566.057 meters (G-2)

GWM 96 (USGS, 1936; Cherokee County, North Carolina)

Located 3.4 miles (airline) south of Marble, 1.65 miles north of Little Peachtree Church, 105 feet north of saddle at Indian Grave Gap, and 8.2 feet lower than highest elevation in gap, 7 feet east and 2.2 feet above road. A standard tablet stamped "GWM 96 1936 2141.1" painted "USFPM 2141.3" and set in rock outcrop.

Reference mark is 135 feet south of tablet, 32 feet southeast of top of saddle in Indian Grave gap, on 3-foot bank, 7 feet east of road, in root on southwest side of 10-inch oak tree; copper nail and washer 9.590 feet higher than tablet.

ELEVATION: 2141.016 feet or 652.583 meters (G-2)

GWM 97 (USGS, 1936; Cherokee County, North Carolina)

Located 4.0 miles south of Marble along Marble to Peachtree road, 21 feet southeast of road, 10 feet northwest of Tennessee and North Carolina Railroad tracks, 85 feet northeast of drain, top of a marble post. A standard tablet stamped "GWM 97 1936 1808" painted "USFPM 1807.6".

Reference mark is 140 feet northeast of tablet, 20 feet southeast of Tennessee and North Carolina Railroad in right-of-way fence, in base on west side of 6-inch poplar tree; railroad spike, painted white, 0.178 feet lower than tablet.

ELEVATION: 1807.277 feet or 550.859 meters (G-2)

GWM 98 (USGS, 1936; Cherokee County, North Carolina)

Located 1.9 miles south of Marble by road, 125 feet east of T-road east from Marble-Peachtree road, 10 feet north of Vengeance Creek road. A standard tablet stamped "GWM 98 1936 1672" painted "USFPM 1672.3". Reference mark is 36 feet west of tablet, 9 feet north of road, 8 feet southwest of fence corner, top of boulder; chiseled square 1.617 feet lower than tablet.

ELEVATION: 1672.037 feet or 509.638 meters (G-2)

GWM 100 (USGS, 1936; Clay County, North Carolina)

Located 4.5 miles southwest of Hayesville along U.S. Highway 64, 36 feet east of Webb Creek road fork north, on the east end of the south headwall of large concrete culvert over Webb Creek. A standard tablet stamped "GWM 100 1936 1786" painted "USFPM 1785.5". Reference mark is 26 feet northwest of tablet, on west end of north headwall of large concrete culvert over Webb's Creek; chiseled square 0.056 feet higher than tablet.

ELEVATION: 1785.213 feet or 544.134 meters (G-2)

GWM 101 (USGS, 1936; Clay County, North Carolina)

Located 1.75 miles southwest of Hayesville along U.S. Highway 64 at crossing over fork of Blair Creek, on the south end of the west headwall of large concrete culvert. A standard tablet stamped "GWM 101 1936 1865" painted "USFPM 1865.1".

Reference mark is 26 feet northeast of tablet, on north end of east headwall of large concrete culvert over Black Creek; chiseled square 0.180 feet lower than tablet.

ELEVATION: 1864.858 feet or 568.410 meters (G-2)

GWM 102 (USGS, 1936; Clay County, North Carolina)

Located 0.65 miles north of Hayesville by road, on Tusquitee Road, 150 feet northeast of road forks, at concrete highway bridge over Hiwassee River, top of west wing wall of southwest abutment. A standard tablet stamped "GWM 102 1936 1799" painted "USFPM 1799.1".

ELEVATION: 1798.815 feet or 548.280 meters (G-2)

GWM 103 (USGS, 1936; Clay County, North Carolina)

Located 2.1 miles (airline) north-northeast of Hayesville, 45 feet northwest of wood bridge over Bristol Branch, 35 feet north of road forks. A standard tablet stamped "GWM 103 1936 1870" painted "USFPM 1869.9" and set in rock outcrop.

Reference mark is 69 feet south of tablet, 10 feet west of road, on rock outcrop; chiseled square 2.828 feet lower than tablet.

ELEVATION: 1869.652 feet or 569.871 meters (G-2)

GWM 104 (USGS, 1936; Clay County, North Carolina)

Located 3.9 miles east of Shallow Ford Bridge, about 1 mile west of Martin Hill Church, 95 feet southeast of road at drain crossing, 10 feet northwest of railroad tracks, on the west side of drain. A standard tablet stamped "GWM 104 1936 1751" painted "USFPM 1750.7" and set in top of boulder.

Reference mark is 88 feet northeast of tablet, 9 feet northwest of railroad tracks, on rock outcrop, chiseled square 3.252 feet higher than tablet.

ELEVATION: 1750.521 feet or 533.560 meters (G-2)

GWM 105 (USGS, 1936; Clay County, North Carolina)

Located 1.9 miles northeast of Shallow Ford Bridge by road, 30 feet west of road fork and ford over Watson Branch, about 400 feet northeast of U.S.E.D. station railroad culvert, 10 feet north of road. A standard tablet stamped "GWM 105, 1936 1722", painted "USFPM 1722.3".

Reference mark is 78 feet southwest of tablet, 18 feet northwest of road, on rock outcrop; chiseled square 4.183 feet higher than tablet.

ELEVATION: 1722.044 feet or 524.880 meters (G-2)

GWM 106 (USGS, 1936; Cherokee County, North Carolina)

Located 2.1 miles north of Marble by road, 45 feet northwest of secondary road fork north, 80 feet northwest of pole bridge over creek, 18 feet northeast of main road. A standard tablet stamped "GWM 106 1936 2103" painted "USFPM 2103.5" and set in rock outcrop.

Reference mark is 35 feet southeast of tablet, 10 feet northwest of road fork, on flat rock outcrop, ground level; chiseled square 7.447 feet lower than tablet.

NOTE: Searched for but not recovered, March 1938.

ELEVATION: 2103.201 feet or 641.057 meters (G-2)

GWM 107 (USGS, 1936; Cherokee County, North Carolina)

Located 4.25 miles north of Marble by road, 27 feet southwest of road fork, at top of Porterfield Gap, 2.6 feet above road, at gap. A standard tablet stamped "GWM 107 1936 3462" painted "USFPM 3461.8" and set in top of boulder.

Reference mark is 55 feet north of tablet, in wye of road forks north, in root on northeast side of 25-inch gum tree; copper nail and washer 5.200 feet lower than tablet.

ELEVATION: 3461.538 feet or 1055.079 meters (G-2)

GWM 108 (USGS, 1936; Graham County, North Carolina)

Located 5.3 miles north of Marble by road, on the south side of Little Snowbird Creek, at Long Bottoms, about 500 feet south of house, 115 feet east of east side of ford over Little Snowbird Creek, 85 feet west of trail fork at foot of grade from Porterfield Gap, 290 feet east of road forks. A standard tablet stamped "GWM 108 1936 2980" painted "USFPM 2979.7".

Reference mark is 116 feet northeast of tablet, 30 feet northeast of road fork, in base of south side of 35-inch oak tree; railroad spike, painted white 1.726 feet lower than tablet.

ELEVATION: 2979.522 feet or 908.160 meters (G-2)

GWM 109 (USGS, 1936; Graham County, North Carolina)

Located 5.3 miles north to Long Bottoms from Marble by road, thence 2.3 miles southwest, 1.5 miles northeast of Lucy Gap, about 70 feet southeast of house, at west edge of ford through Little Snowbird Creek, 10 feet north of road. A standard tablet stamped "GWM 109 1936 3152" and set in top of a boulder, fence painted "USFPM 3152.0".

Reference mark is 66 feet west of tablet, 55 feet south of front door of house, 5 feet south of road, top of boulder; chiseled square 2.585 feet higher than tablet.

ELEVATION: 3151.877 feet or 960.694 meters (G-2)

GWM 110 (USGS, 1936; Graham County, North Carolina)

Located 5.3 miles north to Long Bottoms from Marble, thence 3.7 miles west, 6.85 miles northeast of Grandview Post Office, 0.1 mile northeast of Lucy Gap, 8 feet southeast of trail, 4.75 feet above trail. A standard tablet stamped "GWM 110 1936 3400" painted "USFPM 3400.5" and set in prominent rock outcrop.

Reference mark is 46 feet southwest of tablet, 7 feet northwest of trail, in rock outcrop; chiseled square 2.070 feet higher than tablet.

ELEVATION: 3400.331 feet or 1036.423 meters (G-2)

GWM 113 (USGS, 1936; Cherokee County, North Carolina)

Located 1.9 miles south of Marble, thence 2.4 miles east, 0.4 miles north of Derreberry Gap, 230 feet southeast of Joe Ledford's house, 85 feet northeast of gate to pasture, 55 feet north of road. A standard tablet stamped "GWM 113 1936 1949" painted "USFPM 1949.4" and set in top of boulder.

Reference mark is 68 feet south of tablet, 13 feet south of road, 80 feet west of ford over Greybeard Creek, in fence, in root on west side of 10-inch white locust tree; copper nail and washer 4.833 feet higher than tablet.

GEODETIC POSITION: Lat. = 35°09'30.00"; Long. = 83°53'23.00" (T-4)

GRID POSITION (N.C.): X = 539,089.8; Y = 548,525.1 (T-4)

ELEVATION: 1949.077 feet or 594.080 meters (G-2)

GWM 114 (USGS, 1936; Cherokee County, North Carolina)

Located 3.7 miles (airline) southwest of Andrews, at Nancy Gap, 0.5 miles east of power line crossing Hogen Gap, 25 feet north of ford over Aaron Creek, 12 feet west of wagon road. A standard tablet stamped "GWM 114 1936 2129" painted "USFPM 2129.0" and set in top of boulder.

Reference mark is 47 feet northeast of tablet, 25 feet east of wagon road in root on south side of 30-inch oak tree; copper nail and washer 6.277 feet higher than tablet.

ELEVATION: 2128.729 feet or 648.838 meters (G-2)

GWM 115 (USGS, 1936; Cherokee County, North Carolina)

Located 2.6 miles (airline) southwest of Andrews, 0.3 miles east of power line crossing of road, 180 feet northwest of house, 110 feet

southeast of gate, 12 feet east of road, about 4.1 feet above road. A standard tablet stamped "GWM 115 1936 1984", painted "USPBM 1983.8" and set in rock ledge.

Reference mark is 73 feet west of tablet, 73 feet south of gate, 40 feet southwest of road, in base on east side of an inclined apple tree; copper nail and washer 10.991 feet lower than tablet.
ELEVATION: 1983.569 feet or 604.593 meters (G-2)

GWM 116 (USGS, 1936; Cherokee County, North Carolina)

Located 2.2 miles (airline) south of Andrews, 420 feet northwest of Phillips Creek plank bridge, 11 feet east of road, 4.2 feet above the road. A standard tablet stamped "GWM 116 1936 2064", painted "USPBM 2063.9" and set in rock outcrop.

Reference mark is 65 feet northwest of tablet, 24 feet west of road, in root on northeast side of 14-inch twin gum tree; copper nail and washer 5.623 feet lower than tablet.
ELEVATION: 2063.608 feet or 599.667 meters (G-2)

GWM 117 (USGS, 1936; Cherokee County, North Carolina)

Located 2.5 miles south of Andrews by road, 160 feet south of T-road north, 40 feet west of fence, in pasture. A standard tablet stamped "GWM 117 1936 1954", painted "USPBM 1954.4" and set in top of quartzite boulder.

Reference mark is 152 feet southwest of tablet, 175 feet southeast of road, in root on south side of 30-inch yellow pine tree; copper nail and washer 5.309 feet higher than tablet.
ELEVATION: 1954.284 feet or 595.667 meters (G-2)

GWM 118 (USGS, 1936; Cherokee County, North Carolina)

Located 4.5 miles south of Andrews by road, 60 feet northwest of ford over Trail Branch at start of trail, 7 feet northeast of road. A standard tablet stamped "GWM 118 1936 2489", painted "USPBM 2488.6" and set in rock outcrop.

Reference mark is 54 feet southwest of tablet, 15 feet north of Trail Creek ford, 7 feet northeast of end of road, on rock outcrop; chiseled square 4.472 feet higher than tablet.
ELEVATION: 2488.476 feet or 758.489 meters (G-2)

GWM 119 (USGS, 1936; Cherokee County, North Carolina)

Located 7.25 miles south of Andrews by road at Big Stamp Lookout Tower, 25 feet north of ridge trail, on concrete base at the northwest corner of tower and 4.26 feet below base of iron work. A standard tablet stamped "GWM 119 1936 4437", painted "USPBM 4436.8".

Reference mark is 25 feet southeast of tablet, top of southeast concrete base of Big Stamp Fire Tower; chiseled square 4.265 feet higher than tablet.
ELEVATION: 4436.671 feet or 1352.300 meters (G-2)

GWM 120 (USGS, 1936; Clay County, North Carolina)

Located 9.1 miles south of Andrews by road, on rock point on Trail Ridge, 0.5 miles northwest of Bristol Camp, 8 feet east of trail. A standard tablet stamped "GWM 120 1936 3250", painted "USPBM 3249.5" and set in top of boulder.

Reference mark is 37 feet south of tablet, 10 feet east of trail, on rock outcrop; chiseled square 4.951 feet lower than tablet.
ELEVATION: 3249.341 feet or 990.401 meters (G-2)

GWM 121 (USGS, 1936; Clay County, North Carolina)

Located 3.8 miles (airline) north of Hayesville, at Carver Gap, 80 feet west of saddle at pass, 8 feet north of road and 4 feet above road. A standard tablet stamped "GWM 121 1936 2996", painted "USPBM 2996.5" and set in rock outcrop.

Reference mark is 110 feet southeast of tablet, 30 feet southeast of road at top of pass, 2.7 feet above saddle, in root on northwest side of 30-inch oak tree; copper nail and washer 1.316 feet higher than tablet.
ELEVATION: 2996.270 feet or 913.265 meters (G-2)

GWM 122 (USGS, 1936; Cherokee County, North Carolina)

Located 2.3 miles north of Andrews by road, 30 feet east of road at curve, at the north edge of trail. A standard tablet stamped "GWM 122 1936 2092", painted "USPBM 2092.3" and set in top of a boulder.

Reference mark is 205 feet northwest of tablet, 22 feet south of road, at curve and 6 feet below road, in root on north side of 9-inch hickory tree; copper nail and washer 9.784 feet lower than tablet.
NOTE: Searched for but not recovered, November 1937.
ELEVATION: 2092.155 feet or 637.690 meters (G-2)

GWM 123 (USGS, 1936; Cherokee County, North Carolina)

Located 4.3 miles north of Andrews by road, 22 feet south of road at hairpin turn. A standard tablet stamped "GWM 123 1936 2866", painted "USPBM 2865.6" and set in top of boulder.

Reference mark is 20 feet south of tablet, 42 feet south of hairpin bend, in root on northwest side of 14-inch maple tree; copper nail and washer 5.388 feet higher than tablet.
ELEVATION: 2865.440 feet or 873.388 meters (G-2)

GWM 136 (USGS, 1936; Clay County, North Carolina)

Located 3.6 miles (airline) southeast of Hayesville, 0.85 miles northwest of Philadelphia Church, about 1.9 miles north of North Carolina-Georgia State line, 65 feet northwest of road fork northwest, 22 feet southwest of road, at southwest edge of road northwest. A standard tablet stamped "GWM 136 1936 1925", painted "USPBM 1925.3" and set in rock outcrop.

Reference mark is 90 feet southeast of tablet, 25 feet southwest of road, in root on northeast side of 30-inch oak tree; copper nail and washer 2.582 feet higher than tablet.
ELEVATION: 1925.141 feet or 586.784 meters (G-2)

GWM 139 (USGS, 1936; Clay County, North Carolina)

Located 2.7 miles (airline) south of Hayesville, about 1 mile (airline) northwest of Meyers Chapel, 65 feet south of ford at Hyatt Mill Creek, 22 feet southeast of road, 5 feet west of fence. A standard tablet stamped "GWM 139 1936 1922", painted "USPBM 1922.2" and set in rock outcrop.

Reference mark is 62 feet southwest of tablet, 11 feet southeast of road,

on rock outcrop; chiseled square 4.656 feet higher than tablet.
ELEVATION: 1922.043 feet or 589.840 meters (G-2)

GWM 140 (USGS, 1936; Clay County, North Carolina)

Located 2.5 miles (airline) southwest of Hayesville, about 1.2 miles (airline) east of Shady Grove Church, 0.2 miles northwest of point of Cherry Mountain ridge, 11 feet south of Mattheson Cove road, 3.5 feet above the road. A standard tablet stamped "GWM 140 1936 2245", painted "USPBM 2245.3" and set in rock outcrop.

Reference mark is 30 feet northeast of tablet, 9 feet north of road, top of boulder; chiseled square 1.273 feet lower than tablet.
ELEVATION: 2245.130 feet or 684.317 meters (G-2)

GWM 174 (USGS, 1936; Clay County, North Carolina)

Located 1.9 miles southeast of Brasstown, along U.S. Highway 64, thence 0.75 miles southwest along Payne Branch road, on property of J. R. Payne, 0.1 miles north of plank bridge over Payne Branch, 115 feet northwest of road, at northwest edge of straightened creek. A standard tablet stamped "GWM 174 1936 1712", painted "USPBM 1712.2" and set in large boulder.

Reference mark is 140 feet east of tablet, 7 feet southeast of road, in root on southwest side of 9-inch oak tree; copper nail and washer 7.910 feet higher than tablet.
ELEVATION: 1712.050 feet or 521.834 meters (G-2)

H 6 (USED ? ; Clay County, North Carolina)

Located on the east side of Hyatt Mill Creek bridge 3, 2 miles (airline) southeast of Hayesville, at river mile 120.9 Hiwassee River. A chiseled square on top of concrete pillar.
ELEVATION: 1852.988 feet or 564.792 meters (T-2)

H 7 (USED ? ; Clay County, North Carolina)

Located 1.5 miles (airline) southeast of Hayesville on northeast side of Hyatt Mill Creek bridge 1, at river mile 119.0 Hiwassee River. A chiseled square on pillar of concrete bridge.
ELEVATION: 1810.951 feet or 551.979 meters (T-2)

H 8 (USED ? ; Clay County, North Carolina)

Located 0.2 miles (airline) southeast of Hayesville, at river mile 117.2 Hiwassee River, on southwest side of pillar on Town Creek concrete bridge, on right bank of creek. A chiseled square.
ELEVATION: 1809.911 feet or 551.662 meters (T-2)

H 10 (USED ? ; Clay County, North Carolina)

Located 0.7 miles north of Hayesville, at river mile 116.3 Hiwassee River, on Tusquittee road, center of Sanderson Bridge, upstream side, under bronze tablet, on concrete runner from floor of concrete bridge. A chiseled square (USED 10), painted "1799.78 BM".
ELEVATION: 1800.295 feet or 548.731 meters (G-2)

H 11 (USED ? ; Clay County, North Carolina)

Located 1.5 miles (airline) north of Hayesville, on point of large rock near right bank, upstream side of trestle over Tusquittee Creek, at river mile 115.4 Hiwassee River. A chiseled square.
ELEVATION: 1783.0 feet (E-4)

H 12 (USED ? ; Clay County, North Carolina)

Located 1.8 miles (airline) north-northwest of Hayesville, at river mile 115.1 Hiwassee River in northeast bank of railroad cut near point of curve at beginning of rocky cut around right bank of Hiwassee River, 30 feet from waters edge and 1/4 mile below Tusquittee Creek trestle. A point on rock.
ELEVATION: 1787.5 feet (E-4)

H 13 (USED ? ; Clay County, North Carolina)

Located 1.7 miles (airline) north-northwest of Hayesville, 40 feet from the left bank of Hiwassee River and 600 feet from house at river mile 115.1 Hiwassee River. A twenty-penny nail driven in 3-foot tree.
ELEVATION: 1777.0 feet (E-4)

H 14 (USED ? ; Clay County, North Carolina)

Located about 1/2 mile east of Martin Hill Church, on the north side of railroad track toward Murphy, on the right bank of Hiwassee River about 1200 feet below Herbert's sign and 30 feet below road, at river mile 114.5 Hiwassee River. A chiseled square on point of rock sticking a few inches out of the ground.
ELEVATION: 1777.2 feet (E-4)

H 15 (USED ? ; Clay County, North Carolina)

Located about 0.3 miles east of Martin Hill Church, at river mile 114.2 Hiwassee River, 20 feet from cattle guard on right side of railroad and 100 feet from barn. A chiseled high point on large yellow stone.
ELEVATION: 1773.6 feet (E-4)

H 16 (USED ? ; Clay County, North Carolina)

Located 2.5 miles (airline) northwest of Hayesville, at river mile 113.0 Hiwassee River, 130 feet from the right bank of Hiwassee River and 10 feet from old log barn and opposite old saw mill. The mill is on the left bank of the river on southwest side of railroad.
ELEVATION: 1760.2 feet (E-4)

H 17 (USED ? ; Clay County, North Carolina)

Located 2.9 miles (airline) northwest of Hayesville at river mile 112.6 Hiwassee River, at foot of large rock outcrop of south side of railroad and 50 feet from the right bank of the river, 100 feet west of culvert, and 50 feet west of small hollow. A chiseled point on small rock outcrop.
ELEVATION: 1753.9 feet (E-4)

H 18 (USED ? ; Clay County, North Carolina)

Located 2.8 miles (airline) northwest of Hayesville, at river mile 111.2 Hiwassee River, on the north side of railroad, 30 feet from right bank of river, about center of curve and across river from three or four small houses. A chiseled point on small rock bench at foot of rock bluff.
ELEVATION: 1736.2 feet (E-4)

NOT FOUND 1978

NOT FOUND 1978

H 19 (USED ?; Clay County, North Carolina)

Located 1.4 miles (airline) northeast of Shallow Ford Bridge, at river mile 110.0 Hiwassee River, on the southwest side of railroad and about 70 feet from cattle guard, 100 feet from the right bank of river, and opposite 40-foot jagged rock bluff. A point on large rock jutting out of pile of broken rock.

ELEVATION: 1724.6 feet (E-4)

H 20 (USGS, 1936; Clay County, North Carolina)

Located 4 miles above Andrews Dam along Hiwassee River, about 1.4 miles (airline) northeast of Shallow Ford Bridge, at river mile 110.0 Hiwassee River, 60 feet east of road, in top of culvert over small branch, at mouth of Long Branch (Watson Branch), in round stone at east end of north headwall of stone culvert, 75 feet from small shack, 500 feet from barn. A chiseled square painted "USBM 1712.2" (U.S.E.D.-20).

ELEVATION: 1711.867 feet or 521.778 meters (G-2)

H 21 (USED ?; Clay County, North Carolina)

Located 3.6 miles (airline) northeast of Brasstown, at river mile 108.3 Hiwassee River, on upstream right bank pier of Shallow Ford steel road bridge over Hiwassee River on Hayesville-Murphy road, 150 feet west of duberry structure. Top of round bolt head.

ELEVATION: 1685.748 feet or 513.817 meters (G-2)

H 23 (USED ?; Clay County, North Carolina)

Located 2.5 miles (airline) northeast of Brasstown at river mile 106.1 Hiwassee River, 7 feet below crest of dam, 3 feet from the east end of dam and 6 feet from railroad, 2-1/2 feet below bottom of concrete steps, and 100 feet southeast of power house. A chiseled square on Andrew's Dam.

ELEVATION: 1657.894 feet or 505.327 meters (G-2)

H 24 (USED, 1923; Cherokee County, North Carolina)

Located 2.4 miles (airline) northeast of Brasstown, 6 miles east of Murphy, 0.65 miles northwest of Andrew's Dam, at mile 105.6 Hiwassee River, 300 feet east of W. H. Sudderth's residence, 5 feet west of mail box and 3 feet north of large post oak tree, 15 feet northwest of road. Top of galvanized cap on iron pipe marked "AUG. 1923 47" and driven flush with ground.

ELEVATION: 1621.513 feet or 494.238 meters (G-2)

H 25 (USED ?; Cherokee County, North Carolina)

Located 1.65 miles northeast of Brasstown, 12 feet north of Mission Branch where Mission Branch crosses Mission road and 350 feet west of E. A. Crisp's house. A chiseled mark on rock boulder.

ELEVATION: 1624.3 feet (E-4)

H 26 (USED ?; Cherokee County, North Carolina)

Located 5-1/2 miles northeast of Murphy, at river mile 103.7 Hiwassee River, 1/2 mile west of Mission Road and 350 feet southeast of W. N. Moore's residence. A nail in root on post oak tree.

ELEVATION: 1629.9 feet (E-4)

H 27 (USED ?; Cherokee County, North Carolina)

Located about 4.1 miles east from Murphy along U.S. Highway 64 at river mile 100.9 Hiwassee River on upstream side of culvert over Peachtree Creek. A chiseled square on concrete culvert.

ELEVATION: 1567.4 feet (E-4)

H 28 (USED ?; Cherokee County, North Carolina)

Located 3.4 miles east of Murphy along U.S. Highway 64 at river mile 99.6 Hiwassee River, on the lower side of concrete culvert over Fall Branch and 200 feet north of Hiwassee River. A chiseled square.

ELEVATION: 1563.1 feet (E-4)

H 54 (USCGS, 1933; Cherokee County, North Carolina)

Located in Andrews, 999 feet east of milepost 107, 990 feet east of Andrews Depot, 35 feet north of north rail, and 6 inches below base of rail. A standard disk stamped "H 54, 1933" and set in top of concrete post 10 inches above grade.

ELEVATION: 1775.387 feet or 541.139 meters (C-2)

HAYESVILLE (USCGS, 1933; Clay County, North Carolina)

Located about one-half mile south of courthouse at Hayesville, on land of John Swanson. To reach from courthouse, go south from southwest corner of square on road marked "Young Harris Road", continue about 75 yards, keep main road down hill, continue 0.3 mile to forks, take left fork up hill, pass school on left, and continue 0.3 mile to top of grade at junction with dirt road on left. Station is on highest part of low wooded knoll about 25 yards west of main road at this point, about 20 feet east of west edge of slope, 39.4 feet east of fence line, and 19.2 feet south of 6-inch oak tree. 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 tablet. 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 6 inches west of fence line, and 24.885 meters (81.64 feet) from station in geodetic azimuth 145°07'.
Reference mark 2 is between two dirt roads, 12 feet north of center line of road leading to station, 15 feet southwest of center line of other road which leads to farmhouse, 3 feet west of small oak tree, 25 yards west of center of west side of frame farmhouse, directly across road from chicken house, and 481 feet from station.
Reference mark 3 is 6 inches east of fence line, 1 foot west of line between station and 12-inch oak tree, and 22.60 meters (74.1 feet) from station in geodetic azimuth 26°35'.

GEODETIC POSITION: Lat. = 35°02'15.269"; Long. = 83°48'58.602" (C-2)

To Station	Geodetic Azimuth	Back Azimuth	Log Meters	Miles
Standing Indian	270°29'11.5"	90°38'46.4"	4.404549	15.8
Lance	70 15 43.7	250 09 16.0	4.260302	11.3

R.M. No. 2 290 29 13.7

GRID POSITION (N.C.): X = 558,884.07; Y = 503,556.62 (C-2)

Grid Azimuth to Azimuth Mark R.M. 2: 293°16'01.0"

ELEVATION: 1954 feet (T-5)

HAYESVILLE RM 2 (USCGS, 1933; Clay County, North Carolina)

For description see HAYESVILLE triangulation station.

GRID POSITION (N.C.): X = 559,326.0; Y = 503,366.6 (T-3)

Grid Azimuth to Hayesville (distance 481.0 feet): 113°16'01.0"

HAYESVILLE 1 (USGS, 1934; Cherokee County, North Carolina)

Located on south end of wooded top about 3,000 feet north of Marble. To reach from Marble, walk north up hill to station. Station mark is a drill hole in center of triangle chiseled in rock set in place under triangle blazed 18-inch oak tree.

GEODETIC POSITION: Lat. = 35°11'04.731"; Long. = 83°55'33.060" (G-3)

To Station	Geodetic Azimuth	Back Azimuth	Log Meters	Miles
Atoa	222°00'59.1"	42°03'24.1"	3.977712	5.9
Tatham	235 49 43.7	55 54 14.8	4.157383	8.9
Peachtree	318 30 54.5	138 33 01.0	3.924181	5.2

HAYESVILLE 2 (USGS, 1934; Cherokee County, North Carolina)

Located on wooded top about 4.3 miles east-southeast of Andrews, and 5 miles southwest of Topton. To reach from Andrews take U.S. Highway 19, east 1.2 miles, turn right and follow main road 5.1 miles to residence of J. E. Hicks, walk north to southwest end of mountain range. Station mark is a drill hole in rock set in place under triangle blazed on 12-inch locust tree.

GEODETIC POSITION: Lat. = 35°11'07.173"; Long. = 83°45'06.730" (G-3)

To Station	Geodetic Azimuth	Back Azimuth	Log Meters	Miles
Tatham	153°42'42.4"	333°41'12.4"	3.949829	5.5
Cheoah	202 30 55.2	22 33 22.5	4.226224	10.5

GRID POSITION (N.C.): X = 580,714.5; Y = 556,337.2 (G-3 unchecked position)

HAYESVILLE 3 (USGS, 1934; Cherokee County, North Carolina)

Located 2.9 miles southwest of Andrews, and 3/4 miles south of railroad on wooded top owned by Alice Pearcy. To reach from Andrews Post Office drive southwest along dirt road along south bank of Valley River a distance of 3.3 miles. Turn right on woods road leading north 0.1 mile, proceed east 300 feet to station. Station mark is a drill hole in rock set in place under triangle blazed on 14-inch maple tree.

GEODETIC POSITION: Lat. = 35°10'56.530"; Long. = 83°52'18.044" (G-3)

To Station	Geodetic Azimuth	Back Azimuth	Log Meters	Miles
Atoa	191°03'27.9"	11°04'00.4"	3.871967	4.6
Tatham	219 54 43.7	39 57 22.3	4.035177	6.7
Peachtree	354 05 15.7	174 05 29.9	3.783368	3.8

GRID POSITION (N.C.): X = 544,905.4; Y = 556,997.1 (G-3)

HAYESVILLE 4 (USGS, 1934; Clay County, North Carolina)

Located 3.3 miles north-northeast of Hayesville and 0.5 miles northwest of head of Drowning Creek, on the south knob of what is locally known as Double Knobs on property of Frank Phillips' heirs. To reach from Hayesville drive southeast on Highway 28 a distance of 1.5 miles, turn left and drive 4.2 miles to wide flat gap in field, take old road to left about 1/2 mile to point where Spur Ridge on left meets road, walk up Spur Ridge 3/4 mile to station. Station mark is a drill hole in rock set in place under triangle blazed on 16-inch oak tree 50 feet southwest of crest of top.

GEODETIC POSITION: Lat. = 35°03'42.308"; Long. = 83°45'47.184" (G-3)

To Station	Geodetic Azimuth	Back Azimuth	Log Meters	Miles
Davy	51°45'59.7"	231°42'40.9"	4.048370	6.9
Peachtree	128 23 31.1	308 20 00.7	4.072917	7.3
Tusquitee	200 26 22.6	20 27 37.8	3.976620	5.9

GRID POSITION (Ga. West): X = 620,766.9; Y = 1,841,633.4 (G-3)

ELEVATION: 2840 feet (T-5)

HAYESVILLE 5 A (USGS, 1934; Clay County, North Carolina)

Located about 1 mile northeast of Hayesville and 0.25 miles northeast of bridge over Hiwassee River, in southwest corner of yard and about 200 feet southwest of house owned by T. M. Moore. To reach from Hayesville, follow Tusquitee road about 0.75 miles to bridge over Hiwassee River, continue 0.1 miles and take road fork right 0.1 miles to home of T. M. Moore. Station mark is a drill hole in rock set in place.

GEODETIC POSITION: Lat. = 35°03'28.577"; Long. = 83°48'43.536"; (G-3)

To Station	Geodetic Azimuth	Back Azimuth	Log Meters	Miles
Davy	33°32'45.7"	213°31'08.2"	3.891895	4.8
Big Stamp	176 47 20.5	356 47 09.3	3.953052	5.6
Eagle	313 14 06.3	133 18 16.0	4.180688	9.4
Brasstown	359 43 44.4	179 43 46.5	4.309013	12.7

GRID POSITION (Ga. West): X = 606,112.3; Y = 1,840,189.5 (G-3)

ELEVATION: 1899 feet (T-5)

HAYESVILLE 6 (USGS, 1934; Cherokee County, North Carolina)

Located on wooded hill 0.7 miles due south of village of Peachtree. To reach from Murphy drive east on State Highway 28 4.1 miles, turn left on crossing Peachtree Creek, leave car here and turn east, walk up small ridge about 3/4 miles to station. Station mark is a drill hole in rock set in place under 20-inch hickory tree about 80 feet north of main top. Triangle is blazed on tree.

GEODETIC POSITION: Lat. = 35°04'57.063"; Long. = 83°56'39.559" (G-3)

To Station	Geodetic Azimuth	Back Azimuth	Log Meters	Miles
Lance	26°02'27.8"	206°00'24.5"	4.093770	7.7
Orchard	118 42 47.4	298 39 45.4	3.960883	5.7
Sheep	37 42 34.1	217 39 52.2	4.067667	7.3

ELEVATION: 2046 feet (T-5)

HAYESVILLE 7 (USGS, 1934; Cherokee County, North Carolina)

Located in Andrews. Station is center of cross on spire of red brick Lutheran Church which is one block west of brick Methodist Church.

GEODETIC POSITION: Lat. = 35°11'59.856"; Long. = 83°49'36.586" (G-3)

unchecked position)

To Station	Geodetic Azimuth		Distance	
	Azimuth	Back Azimuth	Log Meters	Miles
Atoa	153°38'56.4"	333°37'55.9"	3.776589	3.7
Tatham	204 19 11.6	24 20 17.2	3.844066	4.3

HAYESVILLE 8 (USGS, 1934; Clay County, North Carolina)
 Located in Nantahala National Forest 6.6 miles southeast of Andrews, and 6.7 miles northeast of Hayesville, on flat bald top known as Johnson Bald. To reach from Andrews, drive east on Highway 10 a distance of 1.0 miles, turn right on road to Aquone and drive 5.1 miles, turn right and drive 1.1 miles to Old Road Gap, leave car here and follow Forest Service trail southwest along Tusquitee Mountain about 5 miles to station. Station mark is drill hole in rock.

GEODETIC POSITION: Lat. = 35°07'35.166"; Long. = 83°45'07.032" (G-3)

To Station	Geodetic Azimuth		Distance	
	Azimuth	Back Azimuth	Log Meters	Miles
Davy	34°48'38.8"	214°44'56.8"	4.234627	10.7
Peachtree	90 57 07.2	270 53 13.5	4.012359	6.4
Tusquitee	233 23 41.8	53 24 34.0	3.455772	1.8
Flieback	347 58 52.7	167 59 59.2	4.148768	8.8

HAYESVILLE COURT HOUSE (USGS, 1934; Clay County, North Carolina)
 Located in Hayesville. Station is center of cupola of Court House.

GEODETIC POSITION: Lat. = 35°02'44.789"; Long. = 83°49'04.242" (G-3)

To Station	Geodetic Azimuth		Distance	
	Azimuth	Back Azimuth	Log Meters	Miles
Davy	36°18'29.4"	216°17'03.8"	3.805451	4.0
Flieback	298 19 51.2	118 23 13.8	4.007139	6.3

HME 3 (TVA, 1937; Cherokee-Clay Counties, North Carolina)
 Located 5.0 miles southeast of Andrews, at intersection of Valley River Mountains and Sasasfras Ridge, on a high peak. Station is iron pipe driven in the ground and stamped "TVA HME 3". Station projects 0.4 of a foot from the ground.

Reference Mark 1: 19.4 feet N 67° W to 18-inch white oak tree.
 Reference Mark 2: 7.2 feet S 23° E to 2-inch red oak tree.
 Reference Mark 3: 24.0 feet N 70° E to 6-inch red oak tree.

GEODETIC POSITION: Lat. = 35°09'25.50"; Long. = 83°45'21.42" (T-4)
 GRID POSITION (N.C.): X = 579,004.4; Y = 546,129.0 (T-4)
 ELEVATION: 4577 feet (T-5)

HME 18 (TVA, 1937; Cherokee County, North Carolina)
 Located 0.4 miles east of Tomotla, go northeast 0.3 miles along U.S. Highway 19 from Tomotla, and turn right across Valley River 0.3 miles. Stop car and walk 600 feet south to top hill, thence south 45° east along ridge 300 feet to 3 point, in fence line 30 feet northwest of fence corner on top ridge at southeast corner old field. Station is iron pipe 8" above ground and stamped "HME 18 1937".

Reference Mark 1: 19.4 feet N 67° W to 18-inch white oak tree.
 Reference Mark 2: 7.2 feet S 23° E to 2-inch red oak tree.
 Reference Mark 3: 24.0 feet N 70° E to 6-inch red oak tree.

GEODETIC POSITION: Lat. = 35°08'01.89"; Long. = 83°58'37.58" (T-4)
 GRID POSITION (N.C.): X = 512,557.5; Y = 540,926.6 (T-4)
 ELEVATION: 1732 feet (T-5)

HMK 11 (TVA, 1941; Clay County, North Carolina)
 Located 2.5 miles southeast of Hayesville, 1.2 miles southeast of junction of U.S. Highway 64 and State Highway 96, 0.2 miles east of junction of State Highway 96 and 30 feet from county road, on property of Mark Weaver, 10 feet from 14-inch stump near fence line, 25 feet south of center line of road and 300 feet east of one-story farm house. A standard bronze tablet stamped "HMK 11 1941" and set in a precast concrete monument.

Reference Mark 1: 100.5 feet S 75° E to 3-inch sugar maple in fence corner.
 Reference Mark 2: 53.6 feet N 22° W to 10-foot pole, marked PBM, and in fence line.
 Reference Mark 3: 139.4 feet S 06° E to 18-inch poplar in fence line.

GEODETIC POSITION: Lat. = 35°01'16.773"; Long. = 83°47'05.903" (T-3)
 GRID POSITION (N.C.): X = 567,959.8; Y = 497,197.1 (T-3)
 ELEVATION: 1930.019 feet or 588.271 meters (T-2)

HMK 12 (TVA, 1941; Clay County, North Carolina)
 Located 2.3 miles southeast of Hayesville, on U.S. Highway 64, 0.2 miles east of bridge called Bernard Bridge on U.S. Highway 64, on property of Mark Weaver, in open pasture, 30 feet north of center line of highway, and 70 feet east from drainage ditch, 7 feet north of fence line and 40 feet northeast of intersection of 15-foot dirt road with U.S. Highway 64. A standard bronze tablet stamped "HMK 12 1941" and set in a precast concrete monument.

Reference Mark 1: 52 feet S 80° W to intersection of Highway 64 and side road.
 Reference Mark 2: 152.4 feet N 89° W to 18-inch sycamore.
 Reference Mark 3: 134.4 feet S 09° W to southwest corner of porch of M. Weaver home.

GEODETIC POSITION: Lat. = 35°01'21.604"; Long. = 83°47'14.929" (T-3)
 GRID POSITION (N.C.): X = 567,232.7; Y = 497,721.1 (T-3)
 ELEVATION: 1860.433 feet or 567.061 meters (T-2)

HMK 13 (TVA, 1941; Clay County, North Carolina)
 Located 1.0 miles southeast of Hayesville, 300 feet northwest of Herbert Bridge road junction with U.S. Highway 64, on east side of highway and at top of 12-foot cut, 400 feet southeast of Standard service station and grocery store and at 30-foot road west, 10 feet southwest of edge of cultivation. A standard bronze tablet stamped "HMK 13 1941" and set in a precast concrete monument.

Reference Mark 1: S 26° E to telephone pole marked PBM.
 Reference Mark 2: 74.4 feet S 80° W to 10-inch pine on east side of Highway 64.
 Reference Mark 3: 102.7 feet N 33° W to tall telephone and power pole.

GEODETIC POSITION: Lat. = 35°01'58.827"; Long. = 83°48'34.590" (T-3)
 GRID POSITION (N.C.): X = 560,797.8; Y = 501,799.7 (T-3)
 ELEVATION: 1816.292 feet or 553.607 meters (T-2)

HMK 14 (TVA, 1941; Clay County, North Carolina)
 Located 2.3 miles southeast of Hayesville, 0.2 miles east of Highway 96, 0.9 miles southeast of junction of Highway 64 and 96, 0.6 miles southwest

of Bernard Bridge on Highway 64, on property of Frank Killian, on top of knob which is cleared on west side and on top, 100 feet east of woods line. A standard bronze tablet stamped "HMK 14 1941" and set in a precast concrete monument.

Reference Mark 1: 113.5 feet S 05° W to 10-inch oak with forked top.
 Reference Mark 2: 129.3 feet S 80° W to 20-inch oak with signal in top.
 Reference Mark 3: 90.8 feet N 45° W to clump of chinquapina.
 GEODETIC POSITION: Lat. = 35°00'59.482"; Long. = 83°47'49.307" (T-3)
 GRID POSITION (N.C.): X = 564,269.0; Y = 495,625.3 (T-3)
 ELEVATION: 2066.49 feet (T-3)

HMK 15 (TVA, 1941; Clay County, North Carolina)
 Located 2.7 miles southeast of Hayesville, in triangle between U.S. Highway 64 and 30-foot county road, 800 feet northeast of intersection of two 30-foot county roads, 0.55 miles east of Bernard Bridge on U.S. Highway 64, on property of B. Kitchens, on bald knoll, 250 feet north of county road. A standard bronze tablet stamped "HMK 15 1941" and set in a precast concrete monument.

No immediate references available.

GEODETIC POSITION: Lat. = 35°01'22.293"; Long. = 83°46'46.454" (T-3)
 GRID POSITION (N.C.): X = 569,601.4; Y = 497,676.6 (T-3)
 ELEVATION: 1997.883 feet or 608.996 meters (T-2)

HMK 16 (TVA, 1941; Clay County, North Carolina)
 Located 2.2 miles by road southeast of Hayesville, 0.8 miles by road southeast of forks of U.S. Highway 64 and State Highway 69, on property of Molly Green, 32 feet east of center line of highway, 8 feet east of fence line, 40 feet west of center line of ravine. A standard bronze tablet stamped "HMK 16 1941" and set in concrete post.

Reference Mark 1: 24.12 feet N 53° E to tack in painted fence post.
 Reference Mark 2: 27.91 feet N 75° E to tack in painted fence post.
 Reference Mark 3: 7.00 feet Southwest to tack in painted stump.

GEODETIC POSITION: Lat. = 35°01'01.770"; Long. = 83°48'02.472" (T-3)
 GRID POSITION (N.C.): X = 563,186.6; Y = 495,909.3 (T-3)
 ELEVATION: 1864.078 feet or 568.172 meters (T-2)

HMK 18 (TVA, 1941; Clay County, North Carolina)
 Located 3.3 miles by road southeast of Hayesville, .9 miles by road southeast of forks of U.S. Highway 64 and State Highway 69, and 0.1 mile southeast of "T" intersection of Curtiss road with Highway 69, on property of C. K. McClure, 26 feet east of center line of highway, on top of bank, at Y-road southeast, on top of hill, and in edge of a wheat field, 24 feet south of fence line, and 10 feet northeast of cut. A standard bronze tablet stamped "HMK 18 1941" and set in concrete post.

Reference Mark 1: 24.12 feet N 53° E to tack in painted fence post.
 Reference Mark 2: 27.91 feet N 75° E to tack in painted fence post.
 Reference Mark 3: 7.00 feet Southwest to tack in painted stump.

GEODETIC POSITION: Lat. = 35°00'07.987"; Long. = 83°47'50.166" (T-3)
 GRID POSITION (N.C.): X = 563,946.2; Y = 490,429.2 (T-3)
 GRID POSITION (Ga. West): X = 610,624.1; Y = 1,819,927.3 (T-3)
 ELEVATION: 1941.715 feet or 591.836 meters (T-2)

HMK 19 (TVA, 1941; Clay County, North Carolina)
 Located 3.7 miles southeast of Hayesville, 0.7 miles northwest of Philadelphia Church, 23 feet west of center line of 15-foot gravel road, on property of Frank Burch, in southeast corner of field, 60 feet north of road intersection. A standard bronze tablet stamped "HMK 19 1941" and set in concrete post.

Reference Mark 1: 13.33 feet West to tack in 10-inch apple tree.
 Reference Mark 2: 6.91 feet Southeast to tack in 2-inch persimmon.

GEODETIC POSITION: Lat. = 35°00'34.986"; Long. = 83°46'06.127" (T-3)
 GRID POSITION (N.C.): X = 572,721.7; Y = 492,738.6 (T-3)
 Grid Azimuth to HMK 20 (distance 768.4 feet): 327°40'50".
 ELEVATION: 1961.02 feet (T-3)

HMK 20 (TVA, 1941; Clay County, North Carolina)
 Located 3.9 miles southeast of Hayesville, 0.55 miles northwest of Philadelphia Church, on property of Clare C. Penland 20 feet west of center line of 15-foot gravel road, in field 20 feet north of turrow. A standard bronze tablet stamped "HMK 20 1941" and set in concrete post.

Reference Mark 1: 13.33 feet West to tack in 10-inch apple tree.
 Reference Mark 2: 6.91 feet Southeast to tack in 2-inch persimmon.

GEODETIC POSITION: Lat. = 35°00'28.765"; Long. = 83°46'00.820" (T-3)
 GRID POSITION (N.C.): X = 573,132.4; Y = 492,089.2 (T-3)
 Grid Azimuth to HMK 19 (distance 768.4 feet): 147°40'50".
 ELEVATION: 1969.58 feet (T-3)

HMK 35 (TVA, 1941; Clay County, North Carolina)
 Located 4.1 miles by road south of Hayesville, 0.9 miles by road west of "T" intersection of Curtiss road and State Highway 69, and 0.4 miles by road west of Meyers Chapel, on property of W. L. Logan, 16 feet south of 18-foot gravel road known as Curtiss road, 300 feet from log house near a plum thicket 20 feet north of center line of sough. A standard tablet stamped "HMK 35 1941" and set in concrete post.

Reference Mark 1: 13.33 feet West to tack in 10-inch apple tree.
 Reference Mark 2: 6.91 feet Southeast to tack in 2-inch persimmon.

GEODETIC POSITION: Lat. = 35°00'04.035"; Long. = 83°48'51.166" (T-3)
 GRID POSITION (N.C.): X = 558,858.5; Y = 490,275.7 (T-3)
 Grid Azimuth to HMK 36 (distance 671.6 feet): 242°07'40".
 GRID POSITION (Ga. West): X = 605,551.2; Y = 1,819,509.4 (T-3)
 Grid Azimuth to HMK 36 (distance 671.6 feet): 239°08'50".
 ELEVATION: 2031.93 feet (T-3)

HMK 36 (TVA, 1941; Clay County, North Carolina)
 Located 4.0 miles by road south of Hayesville, 0.8 miles by road west of "T" intersection of Curtiss road and State Highway 69, and 0.3 miles by road west of Meyers Chapel, on property of B. M. Roach, 19 feet north of 18-foot gravel road known as Curtiss road, in edge of woods near top of hill, on north side of road, 250 feet northeast of log house, 65 feet southeast of woods line, and 6 feet north of edge of cut. A standard tablet stamped "HMK 36 1941" and set in concrete post.

Reference Mark 1: 15.91 feet West to tack in 1-inch oak bush.
 Reference Mark 2: 17.36 feet Northeast to tack in 2-inch oak bush.
 Reference Mark 3: 29.33 feet S 75° W to 10-inch red oak.

GEODETIC POSITION: Lat. = 35°00'07.422"; Long. = 83°48'44.222" (T-3)
 GRID POSITION (N.C.): X = 559,452.1; Y = 490,589.7 (T-3)
 Grid Azimuth to HMK 35 (distance 671.6 feet): 62°07'40".
 GRID POSITION (Ga. West): X = 606,127.7; Y = 1,819,853.8 (T-3)
 Grid Azimuth to HMK 35 (distance 671.6 feet): 59°08'50".
 ELEVATION: 2017.02 feet (T-3)

HMK 43 (TVA, 1941; Clay County, North Carolina)

Located 3.2 miles east-southeast of Hayesville, 1.4 miles east-northeast of Barnard bridge, on property of E. C. Crawford, 16 feet north of center line of 10-foot gravel road, in small clearing 7 feet north of fence line, and 30 feet south of woods' line. A standard bronze tablet stamped "HMK 43 1941" and set in concrete post.

GEODESIC POSITION: Lat. = 35°01'42.391"; Long. = 83°45'55.512" (T-3)
GRID POSITION (N.C.): X = 573,930.5; Y = 499,502.4 (T-3)
Grid Azimuth to HMK 44 (distance 823.7 feet): 234°39'20".
ELEVATION: 1956.72 feet (T-3)

HMK 44 (TVA, 1941; Clay County, North Carolina)

Located 3.3 miles east-southeast of Hayesville, 1.6 miles east-northeast of Barnard bridge, on property of Earl Crawford, 13 feet northwest of center line of 10-foot gravel road, 2 feet northwest of fence line. A standard bronze tablet stamped "HMK 44 1941" and set in concrete post.

GEODESIC POSITION: Lat. = 35°01'47.419"; Long. = 83°45'47.716" (T-3)
GRID POSITION (N.C.): X = 574,602.5; Y = 499,979.0 (T-3)
Grid Azimuth to HMK 43 (distance 823.7 feet): 54°39'20".
ELEVATION: 1990.44 feet (T-3)

HMK 47 (TVA, 1941; Clay County, North Carolina)

Located 3.5 miles east of Hayesville, 2.1 miles northeast of Barnard bridge, on property of Ledford Chapel, 45 feet northwest of intersection of 10-foot gravel road and 10-foot dirt road, 100 feet southwest of southwest corner of Ledford's Chapel. A standard bronze tablet stamped "HMK 47 1941" and set in concrete post.

GEODESIC POSITION: Lat. = 35°02'11.950"; Long. = 83°45'24.852" (T-3)
GRID POSITION (N.C.): X = 576,620.4; Y = 502,364.8 (T-3)
Grid Azimuth to HMK 48 (distance 910.5 feet): 277°15'10".
ELEVATION: 1931.45 feet (T-3)

HMK 48 (TVA, 1941; Clay County, North Carolina)

Located 3.7 miles east of Hayesville, and 0.2 miles by road east of Ledford Chapel, on property of V. Ledford, 30 feet north of center line of 10-foot gravel road, 30 feet southwest of chicken house and 15 feet northeast of edge of cut. A standard bronze tablet stamped "HMK 48 1941" and set in a concrete post.

NOTE: Submerged at times by waters of Chatuge Reservoir.
GEODESIC POSITION: Lat. = 35°02'11.242"; Long. = 83°45'13.928" (T-3)
GRID POSITION (N.C.): X = 577,524.2; Y = 502,249.9 (T-3)
Grid Azimuth to HMK 47 (distance 910.9 feet): 97°15'10".
ELEVATION: 1925.68 feet (T-3)

HR 1 (TVA, 1936; Cherokee County, North Carolina)

Located 3.4 miles northwest of Brasstown, on right bank of Hiwassee River, 200 feet south of U.S. Highway 64, on property of Mrs. Fergasin, 110 feet east of mouth of Fall Branch, and 15 feet north of water's edge of Hiwassee River. A standard bronze tablet stamped "HR 1 1936" and set in precast concrete monument. A steel post with control marker sign set approximately 1 foot north of monument.

Reference Mark 1: 24.5 feet N 45° W to 8-inch iron wood.
Reference Mark 2: 23.5 feet West to 24-inch birch.
Reference Mark 3: 14.8 feet S 15° E to 14-inch birch.
GEODESIC POSITION: Lat. = 35°04'54.219"; Long. = 83°59'12.928" (T-3)
GRID POSITION (N.C.): X = 508,672.8; Y = 522,125.9 (T-3)
Grid Azimuth to HR 2 (distance 189.7 feet): 30°24'00".
ELEVATION: 1556.0 feet (T-4)

HR 2 (TVA, 1935; Cherokee County, North Carolina)

Located 3.4 miles northwest of Brasstown, on left bank of Hiwassee River, on property of A. Barshav, directly across river from mouth of Fall Branch, and is 50 feet south of water's edge. A standard bronze tablet stamped "HR 2 1935" and set in precast concrete monument. A steel post with control marker sign set 1 foot south of monument.

Reference Mark 1: 32.2 feet N 10° W to 8-inch sycamore.
Reference Mark 2: 18.25 feet N 45° W to 8-inch poplar.
GEODESIC POSITION: Lat. = 35°04'52.555"; Long. = 83°59'13.963" (T-3)
GRID POSITION (N.C.): X = 508,576.8; Y = 521,962.3 (T-3)
Grid Azimuth to HR 1 (distance 189.7 feet): 210°24'00".
ELEVATION: 1558.6 feet (T-4)

IP 1 (TVA, 1942; Clay County, North Carolina)

Located about 0.3 miles south of Hayesville, along U.S. Highway 64 at intersection of school access road, approximately 400 feet north of two-story white house on top of hill, about 400 feet northwest of rock school building, in center of top of concrete headwall of 5-by-3-foot box culvert on west side of highway. Culvert is for small branch. A standard bronze tablet stamped "IP 1 1942".

ELEVATION: 1830.46 feet (T-3)

IP 2 (TVA, 1942; Clay County, North Carolina)

Located about 0.5 miles south of Hayesville, along U.S. Highway 64, 0.1 mile north of intersection of U.S. Highway 64 and State Highway 69, approximately 600 feet southwest of rock school building, in center of top of concrete headwall of 3-by-3-foot box culvert on west side of highway and south side of T-road. A standard bronze tablet stamped "IP 2 1942".

ELEVATION: 1871.16 feet (T-3)

IP 3 (TVA, 1942; Clay County, North Carolina)

Located 0.7 miles south of Hayesville, along U.S. Highway 64, 0.1 mile southeast of intersection of U.S. Highway 64 and State Highway 69, approximately 200 feet southeast of 20-foot road cut on top of hill, about 30 feet west of fence corner, in top of center of concrete headwall of 24-inch pipe culvert on northeast side of highway. Culvert is for road side drain. A standard bronze tablet stamped "IP 3 1942".

ELEVATION: 1891.68 feet (T-3)

IP 4 (TVA, 1942; Clay County, North Carolina)

Located 1.0 miles southeast of Hayesville along U.S. Highway 64, 15 miles west of intersection of U.S. Highway 64 and old Highway 64, approximately 300 feet west of Coleman's store, in center of concrete headwall of 30-inch

pipe culvert on north side of highway. A standard bronze tablet stamped "IP 4 1942".

ELEVATION: 1848.95 feet (T-3)

IP 5 (TVA, 1942; Clay County, North Carolina)

Located 1.2 miles southeast of Hayesville, along U.S. Highway 64, 0.1 mile east of intersection of U.S. Highway 64 and old U.S. Highway 64, on west end of concrete bridge over Hiwassee River, on top of curb on south wing to return. A standard bronze tablet stamped "IP 5 1942".

ELEVATION: 1818.87 feet (T-3)

IP 6 (TVA, 1942; Clay County, North Carolina)

Located 1.6 miles southeast of Hayesville along U.S. Highway 64, 0.35 miles east of Hiwassee River, approximately 200 feet east of top of hill, about 300 feet west of 10-foot road cut, in top of L-shaped concrete headwall directly over center of 24-inch pipe culvert on south side of highway. Culvert is for road side drain. A standard bronze tablet stamped "IP 6 1942".

ELEVATION: 1847.34 feet (T-3)

IP 7 (TVA, 1942; Clay County, North Carolina)

Located 1.8 miles southeast of Hayesville, along U.S. Highway 64, approximately 350 feet southwest of intersection of Highway 64 and Oak Forest to Hayesville School road, about 400 feet north of small grove of young pines, in top of center of concrete headwall of 5 x 3 box culvert on south side of highway. Culvert is for spring branch. A standard bronze tablet stamped "IP 7 1942".

ELEVATION: 1803.43 feet (T-3)

IP 8 (TVA, 1942; Clay County, North Carolina)

Located 2.0 miles east of Hayesville on U.S. 64, 350 feet southeast of two-story frame house at toe of 30-foot rock cut, 8 feet south of south edge of highway pavement, in top of concrete L-shaped culvert headwall directly over center of 18-inch pipe drain for ditch only. A standard bronze tablet stamped "IP 8 1942".

ELEVATION: 1827.66 feet (T-3)

IP 9 (TVA, 1942; Clay County, North Carolina)

Located 2.3 miles east of Hayesville, on U.S. 64, in center of top of concrete headwall of 4 x 6 box culvert on south side of highway, about 200 feet northeast of one-story frame house, about 25 feet northeast of 25-foot cut. A standard bronze tablet stamped "IP 9 1942".

ELEVATION: 1841.95 feet (T-3)

IP 10 (TVA, 1942; Clay County, North Carolina)

Located 2.5 miles east of Hayesville, on U.S. 64, in center of top of headwall of 30-inch pipe culvert, about 200 feet west of crossroads, 20 feet south of south edge of pavement. A standard bronze tablet stamped "IP 10 1942".

ELEVATION: 1843.03 feet (T-3)

IP 11 (TVA, 1942; Clay County, North Carolina)

Located 2.7 miles east of Hayesville, on U.S. Highway 64, 175 feet northwest of gravel road intersection, 20 feet north of fence corner, in center of top of headwall of 4 x 3 box culvert. A standard bronze tablet stamped "IP 11 1942".

ELEVATION: 1865.12 feet (T-3)

IP 12 (TVA, 1942; Clay County, North Carolina)

Located 2.8 miles east of Hayesville on U.S. Highway 64, about 350 feet east of gravel road intersection, about 800 feet east of crossroad store, in center of top of headwall of 5 x 4 box culvert. A standard bronze tablet stamped "IP 12 1942".

ELEVATION: 1866.32 feet (T-3)

IP 13 (TVA, 1942; Clay County, North Carolina)

Located 3.1 miles east of Hayesville, on U.S. Highway 64, approximately 150 feet west of intersection of gravel road, in top of L-shaped culvert headwall, directly over 24-inch pipe and is on the south side of highway. A standard bronze tablet stamped "IP 13 1942".

ELEVATION: 1892.29 feet (T-3)

IP 14 (TVA, 1942; Clay County, North Carolina)

Located 3.3 miles east of Hayesville, on U.S. Highway 64, approximately 450 feet west of concrete block garage, about 140 feet northwest of one-story frame house, 10 feet south of edge of pavement, in center of top of concrete headwall of 24-inch pipe culvert on south side of highway. A standard bronze tablet stamped "IP 14 1942".

ELEVATION: 1909.77 feet (T-3)

IP 15 (TVA, 1942; Clay County, North Carolina)

Located 3.4 miles east of Hayesville, on U.S. Highway 64, approximately 150 feet east of block garage, 20 feet north of corner fence post, in center of top of headwall of 3 x 3 box culvert on south side of highway. A standard bronze tablet stamped "IP 15 1942".

ELEVATION: 1929.25 feet (T-3)

IP 16 (TVA, 1942; Clay County, North Carolina)

Located 3.6 miles east of Hayesville along U.S. 64, approximately 450 feet west of 20-foot road cut on top of hill, about 225 feet west of driveway, about 800 feet east of garage, in top of L-shaped concrete headwall directly over center of 24-inch pipe culvert on south side of highway. Culvert is for road side drain. A standard bronze tablet stamped "IP 16 1942".

ELEVATION: 1955.73 feet (T-3)

IP 17 (TVA, 1942; Clay County, North Carolina)

Located 3.8 miles east of Hayesville, along U.S. 64, approximately 500 feet east of 20-foot cut and top of hill, about 400 feet east of T-road, in center of top of concrete headwall of 5 x 3 box culvert for west prong of Byers Branch on north side of highway. A standard bronze tablet stamped "IP 17 1942".

ELEVATION: 1943.59 feet (T-3)

IP 18 (TVA, 1942; Clay County, North Carolina)

Located 4.0 miles east of Hayesville, along U.S. 64, approximately 500 feet west of 10-foot road cut, in center of top of concrete headwall of 4 x 6

box culvert for east prong of Byers Branch on north side of highway. A standard bronze tablet stamped "IP 18 1942".
ELEVATION: 1961.83 feet (T-3)

IP 19 (TVA, 1942; Clay County, North Carolina)

Located 4.2 miles east of Hayesville, along U.S. 64, approximately 300 feet east of 10-foot cut, about 1000 feet east of east prong of Byers Branch, in center of top of concrete headwall of 30-inch pipe culvert on north side of highway. Culvert is for road side drain. A standard bronze tablet stamped "IP 19 1942".
ELEVATION: 1967.20 feet (T-3)

IP 20 (TVA, 1942; Clay County, North Carolina)

Located 4.4 miles east of Hayesville, along U.S. 64, about 500 feet northwest of Ledford Chapel, approximately 500 feet west of Crawford Branch, about 100 feet east of intersection of highway and gravel road southeast, in center of top of concrete headwall of 3 x 3 box culvert on north side of highway. Culvert is for road side drain. A standard bronze tablet stamped "IP 20 1942".
ELEVATION: 1943.90 feet (T-3)

IP 21 (TVA, 1942; Clay County, North Carolina)

Located 4.7 miles east of Hayesville, along Highway 64, 0.3 miles east of Ledford Chapel, approximately 600 feet west of center line of culvert for Patterson Branch, in center of top of concrete headwall of 30-inch pipe culvert on north side of highway, about 700 feet northeast of monument HMK 48 which is under water when lake is full. A standard bronze tablet stamped "IP 21 1942".
ELEVATION: 1935.98 feet (T-3)

IP 42 (TVA, 1942; Clay County, North Carolina)

Located 2.2 miles southeast of Hayesville, 1.3 miles south of U.S. 64 along Oak Forest to Hayesville road, 0.7 miles northeast of Chatuge Dam, approximately 500 feet north of old Franklin highway, 31 feet east of CHR 1-1. Tablet is in center of top of concrete headwall of 8 x 5 box culvert for branch on east side of road. A standard bronze tablet stamped "IP 42 1942".
ELEVATION: 1838.80 feet (T-3)

IP 92 (TVA, 1942; Clay County, North Carolina)

Located 3.4 miles south of Hayesville, along State Highway 69, approximately 50 feet southeast of entrance of old road north, about 150 feet west of spring and spring house, in center of top of concrete headwall of 3 x 3 box culvert over spring branch on northeast side of highway. A standard bronze tablet stamped "IP 92 1942".
ELEVATION: 1973.45 feet (T-3)

IP 93 (TVA, 1942; Clay County, North Carolina)

Located 3.3 miles south of Hayesville, along State Highway 69, approximately 1500 feet south of culvert for Hyatt Mill Creek, in center of top of concrete headwall of 3 x 3 box culvert on east side of highway over spring branch. A standard bronze tablet stamped "IP 93 1942".
ELEVATION: 1959.52 feet (T-3)

IP 94 (TVA, 1942; Clay County, North Carolina)

Located 3.0 miles south of Hayesville, along State Highway 69 at Hyatt Mill Creek, 1.0 feet north of center of top of concrete headwall of 19 x 6 twin culvert on west side of highway and over Hyatt Mill Creek. A standard bronze tablet stamped "IP 94 1942".
ELEVATION: 1931.68 feet (T-3)

IP 95 (TVA, 1942; Clay County, North Carolina)

Located 2.6 miles south of Hayesville, along State Highway 69, about 0.35 miles north of point where highway crosses Hyatt Mill Creek, in center of top of concrete headwall of 4 x 3 box culvert on west side of highway under 20-foot fill. Culvert is for branch. A standard bronze tablet stamped "IP 95 1942".
ELEVATION: 1983.61 feet (T-3)

IP 96 (TVA, 1942; Clay County, North Carolina)

Located 2.3 miles south of Hayesville, along State Highway 69, about 100 feet south of 15-foot road cut and side road entrance, about 100 feet north of side road south, in center of top of concrete headwall of 3 x 3 box culvert on west side of highway. Culvert is for spring branch. A standard bronze tablet stamped "IP 96 1942".
ELEVATION: 1993.01 feet (T-3)

IP 97 (TVA, 1942; Clay County, North Carolina)

Located 2.0 miles south of Hayesville, along State Highway 69, about 100 feet southeast of entrance of dirt road east, about 200 feet east of corner of woods, in center of top of concrete headwall of a 4 x 4 box culvert on north-east side of highway. Culvert is for small branch. A standard bronze tablet stamped "IP 97 1942".
ELEVATION: 1931.45 feet (T-3)

IP 98 (TVA, 1942; Clay County, North Carolina)

Located 1.7 miles south of Hayesville, along State Highway 69, 0.35 miles south of culvert for Blair Creek, about 100 feet north of corner of woods, in center of top of concrete headwall of 3 x 3 box culvert on northeast side of road. Culvert is for roadside drain. A standard bronze tablet stamped "IP 98 1942".
ELEVATION: 1875.24 feet (T-3)

IP 99 (TVA, 1942; Clay County, North Carolina)

Located 1.5 miles south of Hayesville, along State Highway 69, about 800 feet southwest of highway crossing Blair Creek, in center of top of concrete headwall of 3 x 3 box culvert on east side of highway at beginning of curve. Culvert is for spring branch. A standard bronze tablet stamped "IP 99 1942".
ELEVATION: 1836.82 feet (T-3)

IP 100 (TVA, 1942; Clay County, North Carolina)

Located 1.3 miles south of Hayesville, along State Highway 69, 0.8 miles southwest of junction of U.S. 64, at Blair Creek, about 30 feet east of concrete bridge over Blair Creek on abandoned road, in center of top of concrete headwall of middle culvert of triple 10 x 7 box culverts on northwest side of highway. Culvert is for Blair Creek. A standard bronze tablet stamped "IP 100 1942".
ELEVATION: 1825.75 feet (T-3)

IP 101 (TVA, 1942; Clay County, North Carolina)

Located 1.2 miles south of Hayesville, along State Highway 69, 0.7 miles southwest of U.S. 64, about 500 feet southwest of power line crossing highway, in center of top of concrete headwall of 8 x 5 box culvert on north-west side of highway. Culvert is for branch. A standard bronze tablet stamped "IP 101 1942".
ELEVATION: 1825.59 feet (T-3)

IP 102 (TVA, 1942; Clay County, North Carolina)

Located 1.0 miles south of Hayesville, along State Highway 69, 0.5 miles southwest of junction of U.S. 64, at intersection of gravel road west, in center of top of concrete headwall of 5 x 4 box culvert on southeast side of highway. Culvert is for branch. A standard bronze tablet stamped "IP 102 1942".
ELEVATION: 1851.21 feet (T-3)

IP 103 (TVA, 1942; Clay County, North Carolina)

Located 0.9 miles south of Hayesville, along State Highway 69, 0.4 miles southwest of junction of U.S. 64, about 500 feet northeast of side road west, about 50 feet southwest of intersection of dirt road southeast, in center of headwall of 3 x 3 box culvert on northwest side of highway. Culvert is for small branch. A standard bronze tablet stamped "IP 103 1942".
ELEVATION: 1862.22 feet (T-3)

J 54 (USCGS, 1933; Cherokee County, North Carolina)

Located 2.2 miles east by rail, from Andrews, 461 yards west of west end of trestle T 104.7, 895 feet east of milepost 105, 15 feet north of north rail and 3 feet above top of rail, in side of rock cliff on opposite side of railway from river. A standard tablet stamped "J 54 1933".
ELEVATION: 1869.202 feet or 569.734 meters (C-2)

K 13 (USGS, 1934; Cherokee County, North Carolina)

Located 3.2 miles east of Andrews, 80 feet north of the north end of wooden bridge over Jumauska Creek, about 40 feet northwest of center line of road at curve, at foot of ridge. A standard tablet stamped "K 13 1934" painted "US 2043.6 FBM" and set in concrete post.
Reference mark 1 is 150 feet southeast of tablet, on east side of railroad, in edge of creek, in root on north side of 20-inch oak tree; a copper nail and washer 3.30 feet lower than tablet.
Reference mark 2 is 150 feet south of tablet, on west side of road, in root on northwest side of 12-inch spruce tree; copper nail and washer 7.04 feet lower than tablet.
ELEVATION: 2045.193 feet or 623.376 meters (T-2)

K 31 (USGS, 1934; Clay County, North Carolina)

Located 2.8 miles northeast of Hayesville by road, 45 feet north of intersection of T-road south, 30 feet north of center line of main road, A standard tablet stamped "K 31 1934" painted "US 1923.7 FBM" and set in a concrete post.
Reference mark is 70 feet west of tablet, in root on south side of 24-inch oak tree; a copper nail and washer, painted "US 1915.3 FBM" and 8.393 feet lower than tablet.
ELEVATION: 1924.770 feet or 586.671 meters (G-2)

K 54 (USCGS, 1933; Cherokee County, North Carolina)

Located 4.2 miles east by rail from Andrews, 595 feet east of east entrance to Valley River Tunnel, about 0.7 miles west of Rhodo, 15 feet south of south rail, and 5 feet above top of rail, in top of rock cliff on opposite side of railroad from river. A standard tablet stamped "K 54, 1933".
ELEVATION: 2048.185 feet or 624.288 meters (C-2)

LHT 1013 (TVA, 1938; Cherokee County, North Carolina)

Located 4.8 miles southeast of post office in Andrews by highway, 6.6 miles west of Aquone, by highway, on south side of road, 27 feet from center line of road, 50 feet southwest of center line of road and wood bridge over Jumauska Creek, in edge of field, 3 feet above surface of road. A standard tablet stamped "LHT 1013 1939" and set in precast concrete post projecting 4 inches.
Reference Mark 1: 39.0 feet N 58° E to southwest corner of bridge.
Reference Mark 2: 77.0 feet N 06° W to 24-inch beech tree.
Reference Mark 3: 14.0 feet S 75° W to 6-inch locust tree.
ELEVATION: 2405.028 feet or 733.094 meters (T-2)

LHT 1014 (TVA, 1938; Cherokee County, North Carolina)

Located 3.9 miles southeast of U.S. Post Office, Andrews by highway, 7.5 miles west of Aquone, by highway, on property of C. L. Morgan, on north side of road, 17 feet from center line of road, set in line with front of porch of C. L. Morgan's house, 4.6 feet southeast of southwest corner of porch, 8 feet south of stone chimney, at east end of house. A standard tablet stamped "LHT 1014 1939" and set in precast concrete post.
Reference Mark 1: 41.7 feet N 45° E to 10-inch spruce pine tree.
Reference Mark 2: 114.5 feet S 50° E to telephone pole (painted FBM).
Reference Mark 3: 6.5 feet North to southwest corner of C. L. Morgan's house.
ELEVATION: 2189.011 feet or 667.212 meters (T-2)

LHT 1015 (TVA, 1938; Cherokee County, North Carolina)

Located 2.3 miles southeast of U.S. Post Office, Andrews, by highway, 9.1 miles west of Aquone by highway, on property of Chas. Gregory, 300 feet northeast of Y-road intersection, 175 feet southeast of Jumauska School, 69 feet north of center line of road and at east end of wood bridge over Jumauska Creek, same elevation as road surface. A standard tablet stamped "LHT 1015 1939" and set in precast concrete post projecting 4 inches.
Reference Mark 1: 64.3 feet S 20° W to northeast corner of wood bridge.
Reference Mark 2: 28.6 feet N 30° E to 18-inch white oak tree (slope chain).
Reference Mark 3: 78.0 feet Due West to 30-inch pine tree.
ELEVATION: 1947.555 feet or 593.616 meters (T-2)

LHT 1016 (TVA, 1938; Cherokee County, North Carolina)

Located 1.2 miles east of U.S. Post Office, Andrews by highway, 10.2 miles northwest of Aquone, by highway, south of junction of Aquone road with U.S. Highway 19, 33 feet north of crossroads, near drive to Jumauska Terrace, 70 feet southwest of center line of highway, 27 feet northeast of Aquone road, near southwest point of triangle formed by roads. A standard tablet stamped "LHT 1016 1939" and set in precast concrete post set flush with ground.

Reference Mark 1: 28.8 feet N 25° E to west end of Junaluska Terrace Hotel Sign.
Reference Mark 2: 33.3 feet N 45° W to 3-inch holly tree.
Reference Mark 3: 9.8 feet S 35° W to 3-inch holly tree.
ELEVATION: 1850.757 feet or 564.112 meters (T-2)

LR 1 (TVA, 1937; Cherokee County, North Carolina)

Located 7.8 miles northeast of Murphy. To reach from Murphy drive 6.2 miles north along Grandview road to Owl Creek road thence up Owl Creek road to 0.3 miles above home of A. N. Kephart. Take trail about 1.5 miles to Hayes Gap, thence south and west along top of ridge about 0.5 miles to Dinkin Top, 6 feet southwest of 30-inch white oak. A 1-inch iron pipe driven into ground.

Reference Mark 1: 6.05 feet N 15° E to nail in root of 30-inch oak.
Reference Mark 2: 20.98 feet S 65° W to 6-inch hickory snag.
Reference Mark 3: 29.14 feet East to 30-inch black oak.
GEODETIC POSITION: Lat. = 35°11'31.44"; Long. = 83°58'53.28" (T-4)
GRID POSITION (N.C.): X = 512,317.8; Y = 562,149.2 (T-4)
ELEVATION: 3826 feet (T-5)

LR 3 (TVA, 1937; Cherokee County, North Carolina)

Located 1.4 miles southeast of Andrews. To reach from Andrews, drive 0.8 miles southeast to Junaluska Hotel, on Pisgah Road to intersection of Pisgah Road and Ritter Lumber Company Railroad, thence south 1.1 miles along railroad. Pipe is 5 feet southwest of center line of railroad and 240 feet southeast of railroad and road crossing. An iron pipe 1-inch in diameter stamped "TVA LR 3".

Reference Mark 1: 53.45 feet N 70° E to 12-inch poplar.
Reference Mark 2: 2.84 feet N 33° W to inside edge south rail.
Reference Mark 3: 34.96 feet N 75° W to 2-inch poplar.
GEODETIC POSITION: Lat. = 35°11'05.17"; Long. = 83°48'34.11" (T-4)
GRID POSITION (N.C.): X = 563,512.4; Y = 556,963.5 (T-4)

LR 4 (TVA, 1937; Cherokee County, North Carolina)

Located 3.35 miles (airline) south-southeast of Andrews, between McClellan Creek and Trail Branch at top of knob at intersection of small ridge with main ridge and at bend in main ridge. To reach from Andrews drive southeast from Junaluska Hotel, on Pisgah road to fork, 1.3 miles turn right on McClellan Creek road and drive 1.7 miles following telephone line, thence along Big Stamp trail about 2000 feet to fork of old logging trail to left. Take old logging trail across branch and up small ravine to top of ridge, thence south along top of ridge to top of knob.

Reference Mark 1: 9.79 feet East to 3-inch pine.
Reference Mark 2: 12.57 feet S 44° W to 3-inch chestnut.
Reference Mark 3: 25.17 feet S 10° E to 4-inch oak.
GEODETIC POSITION: Lat. = 35°09'14.24"; Long. = 83°48'32.37" (T-4)
GRID POSITION (N.C.): X = 563,113.7; Y = 545,755.5 (T-4)
ELEVATION: 3007 feet (T-5)

LR 5 (TVA, 1937; Cherokee County, North Carolina)

Located 3.0 miles southeast of Andrews. To reach from Andrews, drive 1.3 miles southeast from Junaluska Hotel, on Pisgah road to fork, turn right on McClellan Creek road and drive 1.2 miles to fork, turn left and drive to end of road at forks of trail, take left trail and follow trail and logging chute to top of ridge. Point is on small saddle between McClellan Creek and Snyder Creek. A 1-inch iron pipe stamped "TVA LR 5".

Reference Mark 1: 21.22 feet S 87° W to 8-inch pine.
Reference Mark 2: 2.92 feet S 74° E to 3-inch pine.
GEODETIC POSITION: Lat. = 35°09'38.66"; Long. = 83°48'20.30" (T-4)
GRID POSITION (N.C.): X = 564,234.1; Y = 548,172.8 (T-4)
ELEVATION: 3177 feet (T-5)

LR 6 (TVA, 1937; Cherokee County, North Carolina)

Located 1.4 miles west of Andrews along the railroad, about 420 feet east of bridge T-108.5 Valley River 12. A 1-inch iron pipe in center line Southern Railway, Murphy Division Main line and stamped "TVA LR 6".

Reference Mark 1: 120.50 feet East to telegraph pole.
Reference Mark 2: 31.76 feet S 28° W to telegraph pole.
Reference Mark 3: 317.27 feet S 83° W to truck guard rail on railroad bridge.
GEODETIC POSITION: Lat. = 35°11'46.17"; Long. = 83°50'55.17" (T-4)
GRID POSITION (N.C.): X = 552,020.9; Y = 561,672.7 (T-4)

LR 8 (TVA, 1937; Cherokee County, North Carolina)

Located 4.6 miles northeast of Andrews, 0.9 miles northwest of Jutts Gap. Point is approximately on line between Graham and Cherokee Counties. To reach from Jutts Gap, follow trail northwest along ridge approximately 1 mile. See LR 9 for directions from Jutts Gap. Station is a 1-inch iron pipe driven to approximately 1-foot above ground and stamped "TVA LR 8".

Reference Mark 1: 21.05 feet N 75° E to 12-inch white oak.
Reference Mark 2: 14.00 feet N 33° W to 14-inch white oak.
Reference Mark 3: 18.72 feet N 55° W to 15-inch white oak.
GEODETIC POSITION: Lat. = 35°14'52.12"; Long. = 83°46'03.06" (T-4)
GRID POSITION (N.C.): X = 577,136.3; Y = 579,275.6 (T-4)
ELEVATION: 4195 feet (T-5)

LR 9 (TVA, 1937; Graham County, North Carolina)

Located 2.6 miles west of Topton, nearly on Cherokee-Graham County line. To reach from Topton, drive 5.6 miles northwest from bridge over Murphy Branch, Southern Railway on Route U.S. 129, turn left up creek on old logging road, bearing right at fork, 0.4 miles and again right at fork, 1.3 miles to Jutts Gap, thence along ridge to left 1000 feet to first knoll, 15 feet south of trail. Station is a 1-inch iron pipe extending about 12 inches above ground and stamped "TVA LR 9".

Reference Mark 1: 23.60 feet N 52° W to 24-inch white oak.
Reference Mark 2: 36.68 feet S 66° W to 20-inch white oak.
Reference Mark 3: 21.31 feet N 41° E to 10-inch white oak.
GEODETIC POSITION: Lat. = 35°14'35.77"; Long. = 83°45'01.70" (T-4)
GRID POSITION (N.C.): X = 582,140.2; Y = 577,380.7 (T-4)
ELEVATION: 3702 feet (T-5)

LR 10 (TVA, 1937; Cherokee County, North Carolina)

Located 2.2 miles northwest of Andrews. To reach from Andrews, drive 1.2 miles west on Route U.S. 19 from Andrews Post Office; thence northwest on Webb Creek road 1.5 miles, thence north up trail along small branch about 1200 feet, thence bear right along fence line to top of ridge. Point is on west side of field, about 20 feet west of fence line. A 1/2-inch iron pipe stamped "TVA

LR 10"

Reference Mark 1: 20.18 feet S 59° W to nail and beer bottle cap in 16-inch red oak.
Reference Mark 2: 13.40 feet N 52° W to nail and beer bottle cap in 4-inch white oak.
Reference Mark 3: 18.09 feet N 03° W to nail and beer bottle cap in 3-inch white oak stump.
GEODETIC POSITION: Lat. = 35°13'07.98"; Long. = 83°51'29.37" (T-4)
GRID POSITION (N.C.): X = 549,590.7; Y = 570,071.9 (T-4)
ELEVATION: 2309 feet (T-5)

LR 11 (TVA, 1937; Cherokee County, North Carolina)

Located 1.5 miles east of Andrews, about 1000 feet east of Junaluska Creek, 359 feet east of highway sign Side Road Right. A 1/2-inch iron pipe driven about 1.5 feet from north edge of concrete road U.S. Highway 19 and stamped "TVA LR 11".
GEODETIC POSITION: Lat. = 35°11'45.99"; Long. = 83°47'54.67" (T-4)
GRID POSITION (N.C.): X = 566,981.5; Y = 560,927.0 (T-4)

LR 12 (TVA, 1937; Cherokee County, North Carolina)

Located 2.9 miles east-northeast of Andrews between Andrews and Topton, on edge of fill on outside of curve at rock bluff. Pipe is on north side of tracks about 977 feet east of milepost 104. A 1/2-inch iron pipe on right-of-way of Southern Railway, Murphy Branch and stamped "TVA LR 12".
Reference Mark 1: 21.70 feet N 46° W to 4-inch poplar.
Reference Mark 2: 9.90 feet South to center line railroad.
Reference Mark 3: 53.59 feet S 16° W to telephone pole.
Reference Mark 4: 142.50 feet East to telephone pole 3614.
GEODETIC POSITION: Lat. = 35°12'44.76"; Long. = 83°46'35.89" (T-4)
GRID POSITION (N.C.): X = 573,797.4; Y = 566,546.1 (T-4)

LR 13 (TVA, 1937; Cherokee County, North Carolina)

Located 2.5 miles east-northeast of Andrews between Andrews and Topton, 1015 feet approximately west of milepost 104. No other references available. A 1/2-inch pipe in center line of Southern Railway, Murphy Branch stamped "TVA LR 13".
GEODETIC POSITION: Lat. = 35°12'34.12"; Long. = 83°46'56.08" (T-4)
GRID POSITION (N.C.): X = 572,072.4; Y = 569,552.4 (T-4)

LR 17 (TVA, 1937; Cherokee County, North Carolina)

Located 3.5 miles west-northwest of Andrews. To reach from Andrews, drive 3.5 miles west on Route U.S. 19 to E. D. Wood Farm, turn right at storehouse and drive up Thrash Creek 1.5 miles to Oak Grove School, passing storage reservoir at 0.7 miles, turn left 0.1 miles beyond school and drive up logging road on Allmon Branch as far as possible, approximately 1/2 mile, then go up nose of ridge on right to top. A 1/2 inch iron pipe stamped "TVA LR 17".

Reference Mark 1: 9.02 feet N 20° W to 16-inch pine snag.
Reference Mark 2: 20.85 feet S 72° E to 10-inch chestnut oak.
Reference Mark 3: 17.26 feet S 01° E to 10-inch pine.
GEODETIC POSITION: Lat. = 35°12'06.40"; Long. = 83°53'03.48" (T-4)
GRID POSITION (N.C.): X = 541,784.5; Y = 570,295.4 (T-4)
ELEVATION: 2580 feet (T-5)

LR 22 (TVA, 1937; Graham-Cherokee Counties, North Carolina)

Located 7.3 miles southwest of Robbinsville, on top of ridge on county line about 2 miles southwest of Aton Mountain. To reach from Robbinsville drive south on Long Creek road approximately 1 mile to band mill of Bemis Lumber Company, turn right on Snow Bird road and proceed 1.1 miles to Y-intersection, bear left and drive approximately 3.5 miles to Atash Gap. At gap turn left and go on old woods road, and drive 2.1 miles to Barker Road Gap on county line, take trail to southwest along ridge for about 2.5 miles. Point is on top of knoll about 1000 feet beyond stake near fence line. Stake is section corner of county line marker. A 1- by 1-inch angle iron stamped "LR 22".

Reference Mark 1: 14.65 feet N 50° E to 18-inch black oak.
Reference Mark 2: 11.60 feet North to 14-inch black oak.
Reference Mark 3: 31.28 feet N 70° W to 8-inch white oak.
GEODETIC POSITION: Lat. = 35°14'16.62"; Long. = 83°52'52.33" (T-4)
GRID POSITION (N.C.): X = 543,057.3; Y = 577,340.0 (T-4)
ELEVATION: 3710 feet (T-5)

LR 23 (TVA, 1937; Cherokee-Graham Counties, North Carolina)

Located 4.2 miles northwest of Marble nearly on Graham-Cherokee county line, about 900 feet north of transmission line across Lucy Gap, and 15 feet east of ridge trail. To reach from Grandview, drive north on Hanging Dog Creek road. A 1- by 1-inch angle iron stamped "TVA LR 23".

Reference Mark 1: 22.76 feet S 56° E to 2-inch black gum.
Reference Mark 2: 6.25 feet N 50° W to 18-inch white oak.
Reference Mark 3: 14.18 feet N 24° E to 16-inch chestnut oak.
GEODETIC POSITION: Lat. = 35°13'21.29"; Long. = 83°58'35.42" (T-4)
GRID POSITION (N.C.): X = 514,354.6; Y = 573,165.9 (T-4)
ELEVATION: 3679 feet (T-5)

LR 26 (TVA, 1937; Cherokee-Graham County, North Carolina)

Located about 200 feet west of Rocky Spring Top on county line, about 8 feet south of trail. To reach from Marble railroad station, drive north on Hyatt Creek road 1.0 miles, thence bear right on Almond Creek road, 3.4 miles to Porterfield Gap, thence follow trail along ridge to east about 1500 feet. A 1- by 1- by 1/4-inch angle iron stamped "TVA LR 26".

Reference Mark 1: 23.90 feet N 74° W to 24-inch black oak.
Reference Mark 2: 10.65 feet N 37° E to 12-inch white oak.
Reference Mark 3: 34.26 feet S 10° E to 20-inch white oak.
GEODETIC POSITION: Lat. = 35°13'39.87"; Long. = 83°55'35.53" (T-4)
GRID POSITION (N.C.): X = 529,353.0; Y = 574,297.9 (T-4)
ELEVATION: 3792 feet (T-5)

LR 27 (TVA, 1937; Graham County, North Carolina)

Located on top of a knob about 2000 feet southwest of Long Bottoms on Little Snowbird Creek. To reach from Marble, drive north on Hyatt Creek road, 1.0 miles to fork, bear right up Almond Creek road and across Porterfield Gap, 4.6 miles to Long Bottoms, go west on transmission line approximately 3000 feet to second ridge at angle point and turn right up ridge approximately 1000 feet to top. A 1- by 1- by 1/4-inch angle iron.

Reference Mark 1: 4.90 feet S 65° E to 2-inch oak.
Reference Mark 2: 8.44 feet S 25° W to 8-inch chestnut.
Reference Mark 3: 4.71 feet N 15° E to 2-inch sourwood.

GEODEMIC POSITION: Lat. = 35°14'02.67; Long. = 83°56'29.52" (T-4)
 GRID POSITION (N.C.): X = 524,994.4; Y = 576,822.4 (T-4)
 ELEVATION: 3653 feet (T-5)

LR 371 (TVA, 1939; Cherokee-Graham Counties, North Carolina)
 Located 5.5 miles southeast of Robbinsville. To reach from Robbinsville Court House, drive 6.9 miles southeast on U.S. Highway 129 to Jutts Creek, turn right on logging road 0.4 miles to fork, bear right and continue as far as possible (1 mile) by truck, then continue on foot 1 mile to Jutts Gap, turn right at gap on trail and go westerly 1-1/2 miles to high point at angle to right in main ridge (Snowbird Mountain Range). Station is 25 feet south of highest point. High point is 300 feet north of trail. A 1-by-1-inch angle iron 0.5 feet above ground and stamped "TVA LR 371 1939".
 Reference Mark 1: 5.17 feet South to blaze in 10-inch oak.
 Reference Mark 2: 12.05 feet S 60° W to blaze in 20-inch oak.
 Reference Mark 3: 10.92 feet West to blaze in 16-inch oak.
 GEODEMIC POSITION: Lat. = 35°14'44.19"; Long. = 83°46'24.29" (T-4)
 GRID POSITION (N.C.): X = 575,339.3; Y = 578,559.3 (T-4)
 ELEVATION: 4453 feet (T-5)

LR 372 (TVA, 1939; Graham-Cherokee Counties, North Carolina)
 Located 6.3 miles southwest of Robbinsville. To reach from Brown Hotel, Robbinsville, drive southwest on Snowbird road 1.0 miles to fork, then bear right 4.2 miles to Atoah Gap, turn left along woods road along side of ridge 2.0 miles to Barker Gap Road, end of truck travel, continue along ridge to west 1/2 mile to top (Atoa station) then continue 1/2 mile to grassy gap. Station is on center line of ridge and trail 1000 feet west of gap, and 200 feet east of a top. A 1-by-1-inch angle iron stamped "TVA LR 372 1939".
 Reference Mark 1: 11.0 feet West to 12-inch hickory.
 Reference Mark 2: 15.0 feet N 20° W to 12-inch oak.
 Reference Mark 3: 23.3 feet S 10° E to 5-inch oak.
 GEODEMIC POSITION: Lat. = 35°14'46.22"; Long. = 83°52'00.36" (T-4)
 GRID POSITION (N.C.): X = 547,509.2; Y = 580,117.0 (T-4)
 ELEVATION: 3768 feet (T-5)

NC 301 (NCGS, 1934; Cherokee County, North Carolina)
 Located beside the Southern Railway at Tomotia about 1/4 mile southwest of Tomotia School, 300 yards northwest from State Route 10 and 15 feet southeast of center line of the railroad track at a grade crossing of a dirt road. A standard monument with bronze tablet marked "NAC" and stamped "301".
 Reference Mark 1: 6.4 feet S 30° W to a railroad crossing sign.
 Reference Mark 2: 12.7 feet S 46° E to telephone pole 4041.
 Reference Mark 3: 50.3 feet N 65° W to a 6-inch pine.
 GEODEMIC POSITION: Lat. = 35°08'01.37"; Long. = 83°59'19.304" (S-3)
 GRID POSITION (N.C.): X = 509,094.0; Y = 541,048.0 (S-3)
 Grid Azimuth to NC 301 Azimuth Mark (distance 1137.8 feet): 236°15'50".

NC 301 Azimuth Mark (NCGS, 1934; Cherokee County, North Carolina)
 Located at Tomotia, about 380 yards northeast along the railroad from NC 301 and 36 feet east of center of railroad track. It lies between a dirt road and the property of Tomotia School. A standard monument with bronze tablet marked "N + C" and stamped "301".
 Reference Mark 1: 4.5 feet S 08° E to 6-inch wild cherry.
 Reference Mark 2: 50.9 feet S 75° W to whistle post.
 Reference Mark 3: 9.17 feet N 40° E to USC&GS bench mark A 54.
 GRID POSITION (N.C.): X = 510,040.2; Y = 541,680.0 (S-3)
 Grid Azimuth to NC 301 (distance 1137.8 feet): 56°15'50".
 ELEVATION: 1600.263 feet or 487.761 meters (G-2)

NC 526 (NCGS, 1935; Cherokee County, North Carolina)
 Located at Marble, about 6 miles southwest of Andrews, on State Highway 10 (U.S. Highway 19), between the highway and the Southern Railway, 26.3 feet northwest from center of highway and 9.1 feet southeast from center line of track. A standard monument with bronze tablet marked "NAC" and stamped "526".
 Reference Mark 1: 74 feet N 60° E to west corner of highway culvert.
 Reference Mark 2: 17.2 feet S 25° W to telephone pole.
 Reference Mark 3: 117.2 feet N 80° 30' E to west corner of small house.
 GEODEMIC POSITION: Lat. = 35°10'35.257"; Long. = 83°55'40.078" (S-3)
 GRID POSITION (N.C.): X = 528,050.1; Y = 555,676.5 (S-3)
 Grid Azimuth to NC 526 Azimuth Mark (distance 635.5 feet): 243°11'50".

NC 526 Azimuth Mark (NCGS, 1935; Cherokee County, North Carolina)
 Located at Marble, on U.S. Highway 19, 212 yards northeast along the highway from NC 526, between the highway and the railroad track, near Lloyd's Garage, 17.8 feet northwest of center line of highway, 20 feet southeast of center line of track, 4.48 feet southwest of bench mark (C 54) and 88.6 feet due west of west corner of Lloyd's Garage. A standard monument with bronze tablet marked "N + C" and stamped "526".
 GRID POSITION (N.C.): X = 528,617.3; Y = 555,963.1 (S-3)
 Grid Azimuth to NC 526 (distance 635.5 feet): 63°11'50".

NC 527 (NCGS, 1935; Cherokee County, North Carolina)
 Located in the west end of Andrews on State Highway 10 (U.S. Highway 19) leading toward Murphy, at the intersection of a dirt side road leading westward, 500 feet northwest of Andrews Tanning Plant, 100 feet northwest of intersection and 12.6 feet southwest of center of highway. A standard monument with bronze tablet marked "NAC" and stamped "527".
 Reference Mark 1: 4.9 feet S 82° W to telephone pole.
 Reference Mark 2: 32.2 feet N 53° E to transmission line pole.
 GEODEMIC POSITION: Lat. = 35°12'00.392"; Long. = 83°49'56.339" (S-3)
 GRID POSITION (N.C.): X = 556,967.2; Y = 562,870.8 (S-3)
 Grid Azimuth to NC 527 Azimuth Mark (distance 604.9 feet): 283°24'00".

NC 527 Azimuth Mark (NCGS, 1935; Cherokee County, North Carolina)
 Located in the west end of Andrews, 202 yards southeast along main highway from NC 527, on the north side of the highway and between the main track of the Southern Railway and spur track leading to Andrews Tanning Plant, 14.9 feet north of center line of highway, 20.2 feet east of center line of Southern Railway, 15.7 feet west of center line of spur to tannery. A standard monument with bronze tablet marked "N + C" and stamped "527".

GRID POSITION (N.C.): X = 557,555.6; Y = 562,730.6 (S-3)
 Grid Azimuth to NC 527 (distance 604.9 feet): 103°24'00".

NC 528 (NCGS, 1935; Cherokee County, North Carolina)
 Located 2.6 miles east of Andrews on State Highway 10 (U.S. Highway 19) leading toward Topton, on the opposite side of the highway from residence of D. Mossteller, 300 feet S 45° W from A. West's residence, 14 feet south of center line of highway. A standard monument with bronze tablet marked "NAC" and stamped "528".
 Reference Mark 1: 90.4 feet N 51° W to southeast corner of residence of D. Mossteller.
 Reference Mark 2: 12 feet N 60° W to southeast corner of highway culvert.
 GEODEMIC POSITION: Lat. = 35°11'40.711"; Long. = 83°47'13.604" (S-3)
 GRID POSITION (N.C.): X = 570,359.8; Y = 560,229.5 (S-3)
 Grid Azimuth to NC 528 Azimuth Mark (distance 1292.2 feet): 259°45'10".

NC 528 Azimuth Mark (NCGS, 1935; Cherokee County, North Carolina)
 Located 2-1/4 miles east of Andrews along U.S. Highway 19, 431 yards east of NC 528, 14 feet south of center line of curve in highway, 450 feet southeast of A. West's residence, 500 feet northeast of barn, 131 feet northeast of sign board. A standard monument with bronze tablet marked "N + C" and stamped "528".
 GRID POSITION (N.C.): X = 571,631.3; Y = 560,459.3 (S-3)
 Grid Azimuth to NC 528 (distance 1292.2 feet): 79°45'10".

NC 529 (NCGS, 1935; Cherokee County, North Carolina)
 Located on State Highway 10 (U.S. Highway 19) at Rhodo, about 5-1/2 miles east of Andrews, and 0.2 miles southwest from Rhodo Railroad station, between the highway and the Southern Railway track, 17 feet northwest from center of highway at the middle of curve, 50 feet southeast from center of railroad track, and 99.5 feet S 55° W of 10-inch pine tree. A standard monument with bronze tablet marked "NAC" and stamped "529".
 GEODEMIC POSITION: Lat. = 35°13'03.212"; Long. = 83°45'06.933" (S-3)
 GRID POSITION (N.C.): X = 581,258.9; Y = 568,055.3 (S-3)
 Grid Azimuth to NC 529 Azimuth Mark (distance 1374.4 feet): 220°08'20".

NC 554 (NCGS ?; Clay County, North Carolina)
 Located 2.6 miles (airline) southeast of Branstown, at Ogden School, 10 feet west of U.S. Highway 64 and 10 feet north of Southern States Power Company transmission pole with transformer. A standard monument with bronze tablet stamped "NC 554".
 ELEVATION: 1687.8 feet (T-4)

PEACHTREE (Cherokee-Clay County, North Carolina)
 Located 5.5 miles south-southwest of Andrews, on the summit of Big Peachtree Bald, which is a point on the Valley River Mountains, forming the divide between the Valley River on the north and the Hiwassee River on the south. The station is at the head of Peachtree Creek which flows southwest into the Hiwassee River, and of Veengeance Creek which flows northeast into the Valley River. Small tributaries of Fires Creek have their source on the southeast slope. The knob is timbered, but lanes were cut to all stations except Teyahalee which is obscured from the ground by timber on a little rise about 1/4 mile to the northeast of station. Station can best be reached by road up the east fork of Peachtree Creek to its end, and thence by trail to the Peachtree Gap, thence along the top of mountain about 1/2 mile to the station. A standard tablet set in top of large rough stone 1-by-2-foot set 2-1/2 feet in ground.
 Reference Mark 1: 26.65 feet South to triangular blaze on a 24-inch oak.
 Reference Mark 2: 46 feet S 65° W to triangular blaze on a 24-inch oak.
 Reference Mark 3: 8.9 feet N 62° W to triangular blaze on a 10-inch hickory tree.
 GEODEMIC POSITION: Lat. = 35°07'40.525"; Long. = 83°51'53.339" (G-3)
 Distance

To Station	Azimuth	Back Azimuth	Log Meters	Miles
Sheep	45°15'51.0	225°10'24.5"	4.307066	12.6
Fain	87°36'28.4	267°30'41.6	4.183997	9.5
Tatham	203°48'07.8	23°50'32.1	4.195675	9.8
Standing				
Indian	288°55'54.5	109°07'10.3	4.498537	19.6

ELEVATION: 4187 feet (T-5)
 REF. MON. 8+00 See page 16

RPW 4 (USGS, 1934; Clay County, North Carolina)
 Located 1.9 miles southeast of Hayesville by road, 150 feet east of junction of highways, 15 feet south of center line of former U.S. Highway 64, on east end of south headwall of concrete bridge. A standard tablet stamped "RPW 4 1934".
 Reference mark is 30 feet south and 12 feet west of tablet, on east end of north headwall of small concrete bridge; a chiseled square 0.45 feet lower than tablet.
 ELEVATION: 1803.687 feet or 549.765 meters (T-2)

RV 235 (Southern Railway ?; Cherokee County, North Carolina)
 Located 8.1 miles east by rail from Murphy, 35 feet east of milepost 114, about 1 mile southwest of Marble, 8 feet northwest of northeast rail, 6 inches above top of rail, in sloping face of rock ledge. A monel metal rivet.
 NOTE: Searched for but not recovered, March 1938.
 ELEVATION: 1618.885 feet or 493.437 meters (C-2)

RV 236 (Southern Railway ?; Cherokee County, North Carolina)
 Located 3.8 miles west by rail from Andrews, 945 feet east of milepost 111, about 2 miles northeast of Marble, 50 feet east of grade crossing of U.S. Highway 19, 6 feet north of north rail, in top and 1 foot from west end of south headwall of concrete culvert under U.S. Highway 19. A monel metal rivet.
 ELEVATION: 1661.624 feet or 506.464 meters (C-2)

RV 237 (Southern Railway ?; Cherokee County, North Carolina)
 Located 1.5 miles west by rail from Andrews, in top and 1 foot from north end of west concrete pier of Valley River Bridge 12-T-108.5, 8 feet

north of north rail, and 3.5 feet below base of rail. A monel metal rivet.
ELEVATION: 1706.972 feet or 520.286 meters (C-2)

RV 238 (Southern Railway ? ; Cherokee County, North Carolina)
Located in Andrews 200 feet west of milepost 107, 75 feet west of west end of depot, 25 feet south of center of main track, and on level with base of rail, in top of east concrete sidewall of track scales. A monel metal rivet.
Report on Condition (TVA, Nov. 1937): Rivet has been removed from concrete. Drill hole where rivet was set remains.
ELEVATION: 1773.238 feet or 540.484 meters (C-2)

RV 239 (Southern Railway ? ; Cherokee County, North Carolina)
Located 1.6 miles east by rail, from Andrews, in top of concrete backwall of east abutment of Valley River Bridge 11-T-105.4, 6 feet north of north rail, and on level with base of rail. A monel metal rivet.
ELEVATION: 1827.122 feet or 556.908 meters (C-2)

RV 240 (Southern Railway ? ; Cherokee County, North Carolina)
Located 4.0 miles east by rail from Andrews about 0.8 miles west of Rhodo, 300 feet east of milepost 103, 15 feet west of west portal of Valley River Tunnel, 4 feet north of north rail, 18 inches above top of rail, in side of rock cut. A monel metal rivet.
ELEVATION: 2017.414 feet or 614.909 meters (C-2)

USGS 1900 A (? ? ; Clay County, North Carolina)
Located at Hayesville, 75 feet northwest of the northwest side of Clay County court house, 55 feet south of cross streets at north corner of square, 18 feet southwest of north center-of masonry wall around court house grounds, and center of stone on meridian line. A monument chiseled "NCGS"
"USGS 1900", no tablet, not painted.
ELEVATION: 1890.022 feet or 576.080 meters (G-2)

USGS 1900 B (? ? ; Clay County, North Carolina)
Located at Hayesville, at mile 116.6 Hiwassee River, 150 feet south of Clay County court house, 45 feet from center of Hiwassee Street, 20 feet east of sidewalk, center of stone on meridian line. A monument chiseled "NCGS USGS 1900".
ELEVATION: 1890.659 feet or 576.274 meters (G-2)

REF. MON. B+00 (TVA, 1941; Clay County, North Carolina)
Located at Chatuge Dam, on reference range parallel to and 599.80 feet downstream from dam axis. Monument is 7 feet inside pine grove, about 10 feet northwest of pasture fence, about 20 feet northeast of gap in fence, about 230 feet northwest of monument C-1RH-25, about 190 feet north of 3-inch pipe and cap used as ground well. A round bronze cap with punch mark, set in concrete monument projecting 0.5 feet.
GRID POSITION (N. C.): X = 565,420.6; Y = 496,368.2 (T-3)
ELEVATION: 1826.20 feet (T-3)